HAMILTON MARINE

40th Anniversary

1977 2017

BOATERS' STORE™

800-639-2715 • hamiltonmarine.com

PORTLAND ROCKLAND SEARSPORT SOUTHWEST HARBOR JONESPORT MAINE

I JUST CRANK UP MY TUNES AND FOLLOW THE MAGENTA LINE.

GPSMAP® 1242 | GARMIN®

© 2017 Garmin Ltd. or its subsidiaries.

Let's GO!

Art, Artisans, Food, Fun & Boats, Boats, BOATS

MAINE

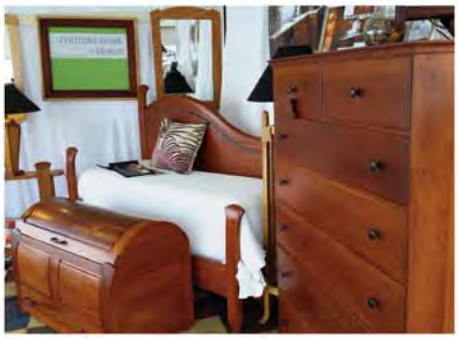
BOATS, HOMES & HARBORS SHOW

AUGUST 11-13, 2017

HARBOR & BUOY PARKS, ROCKLAND, MAINE

CELEBRATING 15 YEARS

PHOTOGRAPHS © STACEY KEEFER (2), TYLER FIELDS (1), JEFF SCHER (1)



All-Access Passes on Sale! Buy Early and Save.

Gates open at 10 a.m. daily | Admission $15 for the entire weekend, under 12 FREE

Visit maineboats.com/boatshow for more information

BOATERS' STORE™ *With five Hamilton Marine locations, we cover the coast!*

PORTLAND

100 Fore St,
Portland, ME 04101
(207) 774-1772

From points south on Maine Turnpike (95)… Take **Exit 44** to **295 North** follow directions below.

From 295… Take **Franklin Street Exit 7**, and head for the ocean. Take a left at **Fore Street** (the last intersection before the ferry terminal). We are two blocks down on the right.

Portland Store Hours

April - September:
8-6 Monday-Friday.
8-5 Saturday. 9-4 Sunday.
October - March:
8-5 Monday-Saturday.
Closed Sunday.

ROCKLAND

20 Park Drive,
Rockland, ME 04841
(207) 594-8181

Located at 20 Park Drive on the waterfront in downtown Rockland. From Main Street, in the center of downtown, turn right onto Tillson Avenue. The store is located on the corner of Tillson Avenue and Park Drive, just two blocks from downtown Rockland.

Rockland Store Hours

April - September:
7-5 Monday-Friday.
8-5 Saturday. 9-4 Sunday.
October - March:
8-5 Monday-Saturday.
Closed Sunday.

SEARSPORT

155 East Main St,
Searsport, ME 04974
(207) 548-6302

Located on Route 1 in mid-coast Maine between Camden and Bar Harbor, approximately 100 miles north of Portland. Take the Maine Turnpike to Augusta (Exit 113), then Route 3 to Belfast. Searsport is just 5 miles north on Route 1.

Searsport Store Hours

April - September:
8-5 Monday-Saturday.
9-4 Sunday.
October - March:
8-5 Monday-Saturday.
Closed Sunday.

SOUTHWEST HARBOR

P.O. Box 1505
165 Clark Point Rd
Southwest Harbor, ME 04679
(207) 244-7870

From Rt 102, take a left at the blinking light in the center of town. Following Clark Point Rd, Hamilton Marine Dive & Fishing Supply is on the left before the coast guard station across from The MDI Sailing Center.

Southwest Harbor Store Hours

7-5 Monday-Saturday.
Closed Sunday.

JONESPORT

174 Main St
Jonesport, ME 04649
(207) 497-2778

Head east on Route 1, take a right onto Route 187 in Columbia Falls. Jonesport is 11 miles down the road. Hamilton Marine is in the center of town, on the north side of Route 187.

BEHIND EVERY PROJECT IS A True Value

PARTS PLUS

Jonesport Store Hours

7-5 Monday-Saturday.
Closed Sunday.

Note: All our stores close in observance of New Year's Day, Easter, Memorial Day, July 4th, Labor Day, Thanksgiving and Christmas.

They will also close a few hours early Saturday, December 2, 2017 for our company Christmas Party.

HAMILTON MARINE

40th Anniversary

1977 *2017*

800-639-2715

Fax 207-548-0481

hamiltonmarine.com

mail@hamiltonmarine.com

Hamilton Marine Gift Cards

Available in any amount!

We accept

SHIPPING INFORMATION

- All shipments are made FOB Searsport, Maine.
- Standard shipping method is UPS or Fed Ex. Priority Mail will be used upon request.
- Large items may go common carrier.
- If actual shipping costs exceed the online estimate, the difference will be billed.
- Maine residents should add 5.5% sales tax.
- Air orders must be placed by 2:00 pm. Guaranteed delivery is the responsibility of the carrier and may be subject to severe weather conditions.

SHIPPING CHARGES

Our shipping department is thoroughly experienced at finding the least expensive, most dependable method of shipment. If you would like a freight quotation or have any questions regarding charges please call 800-639-2715.

DIMENSIONAL WEIGHT

Carriers such as UPS and FedEx are calculating freight rates for larger box sizes by box dimensions rather than actual weight. Bulky products, light or heavy, may be billed by these new dimensional weights.

HAZARDOUS MATERIALS

- Products classified as hazardous by the DOT may ship ground only
- Additional Haz Mat fee of $30.00 per package will be applied to all shipments deemed hazardous by the DOT.
- Hazardous shipments require a signature at delivery
- Hazardous materials *cannot* be shipped to Alaska or Hawaii.
- US Mail will not accept products containing lithium batteries
- Please call 800-639-2715 for more information
- All fees subject to change by carrier

ADDITIONAL SHIPPING CHARGES

- UPS surcharge of $10.85 will apply on lengths 48"-108"
- FedEx Ground surcharge of $11.00 will apply on lengths 60"-108"
- FedEx Express surcharge of $72.50 will apply on lengths 109"-119"
- All Air - UPS, Federal Express, and International shipments will be figured for you at the lowest cost possible.
- Ferry, Freight Forwarders to Islands.
- Canadian catalog requests are $5.00. International catalog requests carry a charge of $10.00

ORDERING INFORMATION

- Payment may be made by Check, Mastercard,Visa, Discover, American Express or Hamilton Marine Gift Card.
- All prices are subject to change without notice.
- Orders will be invoiced at prices prevailing at time of order.
- Payment by wire transfer is subject to all bank fees.
- Payment by out of state check for orders over $500 must be certified or a money order.
- International orders require a wire transfer and bank fee

WARRANTIES

Warranties are established by, and the responsibility of, the manufacturer, and the final determination of warranty adjustments rests with the manufacturer. Most manufacturers now require the end user of their products to contact them directly for warranty issues. In order to expedite your claim, please contact the manufacturer first to receive instructions, and always get the name of the person with whom you speak.

RETURNING MERCHANDISE

A Product Return Number is required for all merchandise being returned. Merchandise must be unused, in its original packaging and returned with a receipt within 30 days of purchase. Full credit will be issued when the return is due to our error. A restocking charge may apply to merchandise not shipped in error. Please, no returns on videos, CDs, books, paint, single fasteners, electrical/mechanical parts or cut goods. Freight damage should be reported to the freight carrier immediately. Save the packing material.

BACKORDERS

In most cases merchandise shown in our catalog is in stock and available for immediate delivery. Occasionally, due to manufacturers' delays or high seasonal volume, certain items may be temporarily out of stock. The items will automatically be shipped as soon as they are available.

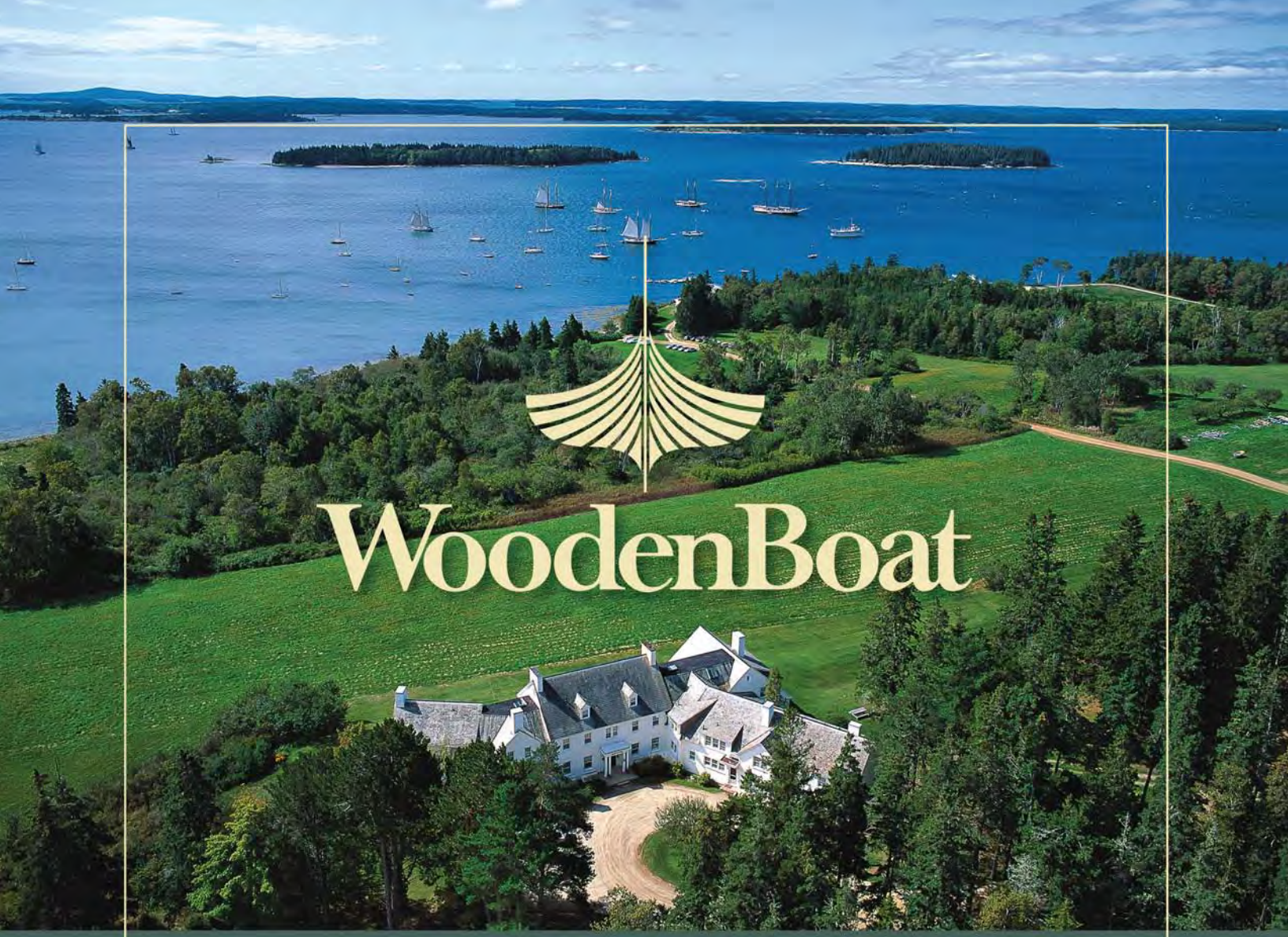
PRICES ARE SUBJECT TO CHANGE

Due to fluctuations in world commodity prices, manufacturers are changing their costs with greater frequency. We make every effort to maintain the prices printed in this catalog, but reserve the right to increase or decrease prices based on changing costs. Please visit www.hamiltonmarine.com to view current product listings and prices.

MISPRINTS & ERRORS

We make every effort to be accurate in product descriptions, photographs, and prices. Errors are unintentional and subject to correction.

N Denotes a non-stock item. These items are not regularly stocked in our store locations and may require extra time to arrive from our supplier(s) and incur incoming freight.

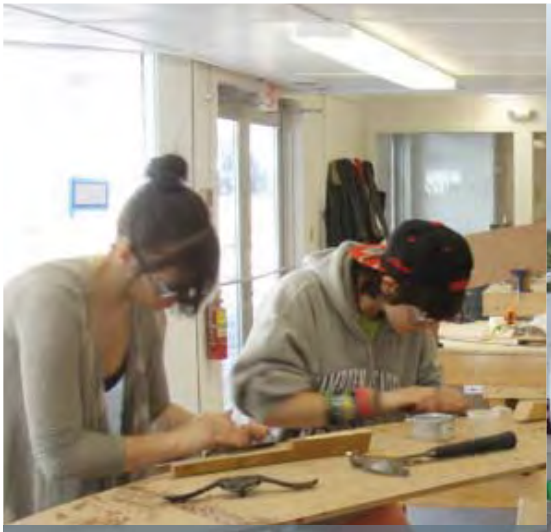


44°14'45" N × 68°33'25" W

WoodenBoat Magazine
www.woodenboat.com

Subscriptions are available in digital and print.
Visit our website to subscribe today.

Professional BoatBuilder – www.proboat.com
The WoodenBoat Store – www.woodenboatstore.com
The WoodenBoat School – www.thewoodenboatschool.com



The Boat Building Program at Hamilton Learning Center is a unique partnership between the museum, Searsport District High School and Maine boat builders, in which students build and launch traditional boats. The boats are sold to fund the program. For more information please see sdmhs.rsu20.org, penobscotmarinemuseum.org and hamiltonmarine.com.

HAMILTON LEARNING CENTER

PENOBSCOT MARINE MUSEUM

Photo courtesy Michael O'Neil

www.PenobscotMarineMuseum.org

PENOBSCOT MARINE MUSEUM

brings history ***to life!***

Come see us a historic seaport village with sea captain's house, small water craft, scrimshaw, fisheries exhibit and more, open Memorial Day through October, special events and exhibits year-round in our Main Street Gallery

Join us become a member and support educational programs and preservation of our maritime heritage

Penobscot Marine Museum
Route One
Searsport, Maine 04974
207-548-2529
www.penobscotmarinemuseum.org

GET A BACKBONE

It's often said that a boat is the sum of its parts. If that's the case, a boat equipped with any of Vetus-Maxwell's more than 3,200 products will be one tough and reliable craft. We provide smart solutions for every type of boat with our expertly engineered products including our award winning thruster technology, windlasses, hatches, windows, and wipers. For more than 50 years, our team has been dedicated to delivering outstanding customer service and an innovative approach for all of your systems. Before you leave the dock, make sure your boat has a backbone.

vetus MAXWELL

CREATORS OF **BOAT SYSTEMS**

LEARN MORE

vetus.com | 410.712.0740

For more tips, follow us on

BRING IT ON.

- Integrated GPS
- Built-in DSC
- 2.3” LCD Display
- 9+ Hour Battery Life
- IPX7 Waterproof

New M93D: Floating VHF Radio

Everything about this radio is professional, stylish and has an easy-to-use interface. The M93D’s slender, 2-tone body is feature rich and smart. Enjoy Icom’s continued tradition of Float’n Flash, AquaQuake™ and Active Noise Cancelling. Keeping you safe with integrated GPS - providing location, bearing and speed. And, meeting ITU-R M493-13 Class D DSC with a dedicated built-in DSC receiver for CH 70. Icom’s new M93D - built for the serious boater.

www.icomamerica.com/marine

ICOM®

©2017 Icom America Inc. The Icom logo is a registered trademark of Icom Inc. 20765

STANDARD HORIZON

HX-150 HX-210 HX-300 HX-380 HX-400 HX-870

Handheld VHF Radios

Model	Order#	US & Int'l Marine & WX Band	Battery mAh	Battery Type	A/C Charger Included	D/C Charger Included	USB Charger Included	Power Output (watts)	Audio Output (mW)	Submersible to IP Standard	Battery indicator	Land Mobile Ready	DSC Ready	Alkaline Ready Option	Remote Mic Capable	AA Battery Tray Included	SOS Strobe LED	Floats	GPS Functionality	Special Features
A. HX-150	**748785**	•	1030	Li-Ion	•	•		1/5	500	X7	•							•		
B. HX-210	**762530**	•	1800	Li-Ion	•	•	•	6/2.5/1	600	X7	•				•			•		FM Broadcast Receiver
C. HX-300	**743142**	•	1560	Li-Ion	•	•	•	1/5	600	X8	•			•			•	•		Water Activated strobe
D. HX-380	**760091**	•	1600	Li-Ion	•	•		1/5	700	X7	•	•		•	•					LMR Ready
E. HX-400	**737047**	•	2300	Li-Ion	•	•		1/5	700	X8	•	•			•					Intrinsically Safe model available (HX-400IS)
F. HX-870	**756771**	•	1800	Li-Ion	•	•		1/2/6	700	X8	•		•	•		•	•	•	•	Strobe Glow in the dark gasket

Handheld VHF Accessories

	HX-150	HX-210	HX-300	HX-380	HX-400	HX-870
Replacement Battery		739239	743588		739236	757643
Alkaline Tray			743590	731634	739235	757645
A/C Adapter Charger	746196	746196	746196	760271	760271	
Cradle Charger	748906			760269 N		757573
Submersible Speaker Mic				760270 N		
Mini Speaker Mic		166283			166283	
Headset Microphone		760278		760278 N		
Leather Case w/Belt Loop				760273 N	760273	
Leather Case w/Swivel Clip				760274 N	760274	
Nylon Case				760275 N	760275	
Submersible Speaker Mic w/Earphone Jack				760276 N		
Earphone Mic				760277 N	760277	

SnapIt! VHF Holder

Keep that handheld VHF radio or GPS receiver safely in reach at the helm. 3.15" x 1.8" opening with additional clearance of 1/4" for belt clip on the top ring. Overall Height 5". Comes with mounting hardware for 7/8", 1", 1-1/8" and 1-1/4" round tubing. SNP-V007
Order# 752873

POWER SUPPLIES BASE-COM ~ Standard Duty

AST-10

Ideal for home, marina or shipboard communication. 90-132V or 180-264V. 50hz or 60hz input. 13.8V output at 10 amps intermittent and 7 amps continuous.
2.3" H x 6"W x 9"D. 6lbs.
AST-10 **Order# 147677**

AST-30

Designed for use with single side band transceivers, but ideal for any use up to 30 amps. Same operating voltages as above but with 30 amp intermittent and 25 amp continuous output.
3-3/4"H x 7"W x 9-5/8"D. 8 lbs.
AST-30 **Order# 147678**

M-25 | M-36 | M-73 | M-93D | Atlantis 270 | MR HH125

Handheld VHF Radios

Model	Order#	US & Int'l Marine & WX Band	Battery mAh	Battery Type	A/C Charger Included	D/C Charger Included	USB Charger Included	Power Output (watts)	Audio Output (mW)	Submersible to IP Standard	Battery indicator	Land Mobile Ready	DSC Ready	Alkaline Ready Option	Remote Mic Capable	AA Battery Tray Included	SOS StrobeLED	Floats	GPS Functionality	Special Features
G1. M-25BL (Blue)	**759045**		1500	Li-Ion		•	•		550	X7	•							•		Float'n Flash, 11 Hours of Battery Life, AquaQuake™ Draining
G2. M-25G (Gray)	**759043**																			
G3. M-25W (White)	**759044**																			
H. M-36	**731636**	•	980	Li-Ion	•			1/6	700	X7	•			•	•			•		AquaQuake™ Draining Clear Voice Boost
I. M-73	**750305**	•	2000	Li-Ion	•	•		1/3/6	700	X8	•				•					AquaQuake™ Draining
J. M-93D	**762596**	•	1570	Li-Ion	•	•		1/5	900	X7	•		•		•			•	•	AquaQuake™, Float 'n Flash, Class D AquaQuake™ Draining, DSC & GPS
K. Atlantis270	**752867**	•	1100	NiMH	•	•		1/25/6	900	X7	•							•		Glow Seals
L. MR HH125	**740358**	•	850	NiMH		•		1/3	250	X4	•			•	•					Battery saver mode after 10 sec of inactivity.

Handheld VHF Accessories

	M-25	M-36	M-73	M-93D	Atlantis 270
Replacement Battery	760102	176079	176086	762597	761173
Alkaline Tray		176080			
A/C Adapter Charger				154307	
Cradle Charger		176083	754223		
Speaker Mic		176084	734585		
USB Charger	760108				

Rechargeable Battery Packs

Compact designed device chargers made with heavy-duty, quality components & built-in safety circuitry protections. Offers super-quick charging – just as fast as your original charger. Includes cord or use your own (required for Apple users). Offers 500+ full charging cycles. Only loses 2% charge per month when stored. Simple to use, just press the on button.

Model#	Number of Charges	usb ports	Order#
Express 2200	1x phone	1	**759701**
Tour 2600	1.5x phone	1	**759702**
Tour 5200	3x phone, 1x tablet	1	**759703**
Tour 10400	6x phone, 1x tablet	2	**759704**

aquapac® Waterproof Cases

Guaranteed 100% waterproof. Also dust & sandproof. Use your phone, GPS or VHF normally in the case. Sound & signal pass right through the case material. Airtight seal means your equipment will float safely if dropped in water. *iPad® and VHF not included.

Description	Dimensions	Order#
VHF, Small	14.5"H x 4.5"W	**164168**
Phone, Mini	8"H x 3.2"W	**164161**
Small Tablet	10" H x 6" W	**164165**
Large Tablet	14.5" H x 11.5"W	**164166**

Beckson

Handheld VHF Holder

Made from soft marine grade vinyl. Keeps radios and GPS out of the way but in a known, secure place. Comes with non-magnetic stainless steel fasteners. Fits most handheld units. 6"H x 3"W x 2"D.
BEC-HH-8 **Order# 103008**

STANDARD HORIZON

A

Eclipse DSC+ - GX1300

B

Explorer - GX1600

C

Explorer - GX1700

D

Matrix AIS/GPS - GX2200

ICOM

E

M-324

ICOM

F

M-324G

ICOM

G

M-424G

Fixed Mount VHF Radios

Model#	Black	White	Class D DSC	NMEA 0183 Output	Alphanumeric Keypad	GPS Info Display	Loud Hailer Power (watts)	Fog Signal Generation	Program Scan	Dual Watch	Tri Watch	Channel Names	Remote Station(s) Supported	Audio Output (watts)	Submersible to IP Standard	DSC Test Call	Selectivity (Db)	Rotary Channel Knob	Power Output (watts)	NOAA Weather Alert	Dimensions (HxWxD)
A. Eclipse	757584	757585	•		•	•			•	•		•		4.5	X8	•			1/25	•	2.36" x 6.1" x 5.9"
B. Explorer	737052	737051	•		•	•			•	•		•	•		X8				1/25	•	3.35" x 5.91" x 3.54
C. Explorer GPS	743136	743137	•		•	•			•	•		•	•		X8				1/25	•	3.35" x 5.91" x 3.54"
D. Matrix AIS/GPS	752982	752984	•		•	•	30	•	•	•	•	•	•		X7		80	•	1/25	•	3.1" x 7.1" x 6.3"
E. M-324	757472	757473	•		•				•	•	•	•		4.5	X7		70	•	1/25		7.09" x 3.23" x 4.72"
F. M-324G	760281	760282	•		•	•	•		•	•	•	•		4.5	X7		70	•	1/25		7.09" x 3.23" x 4.72"
G. M-424G	758584	759836	•		•	•	10	•		•	•			10	X7	•	70	•	1/25		3.23" x 7.09" ×4.72"

STANDARD HORIZON

Quantum GX-6500 AIS/GPS Fixed Mount VHF

The Quantum GX6500 combines Class B AIS and VHF transmissions into one device, allowing AIS transmissions to be received by other vessels. NMEA 2000 and NMEA 0183 compatible, with dual zone 25W PA/hailer and programmed fog signals. Programmable CPA and TCPA collision avoidance alarms, integrated voice scramblers, and the capability to play back up to two minutes of RX receive audio. Also has GPS compass including 66 channel external GPS antenna (included), waypoint navigation and GPS status pages. Connect up to two wired microphones or four wireless microphones (sold separately). Control all DSC functions with the RAM4 mic when wireless access point is connected. IPX8 waterproof rating. Full AIS target display. Intercom feature allows you to communicate between radio, RAM4 and wireless RAM4 mics. USB charging system. Man overboard function. Water activated emergency strobe light. Programmable hot keys . Includes belt clip and lanyard. 3 year waterproof warranty.

Must be programmed by dealer before shipping

Description	Order#
GX6500 VHF Radio	762528
RAM4 Microphone	762525
RAM4 Wireless Microphone	762532
Wireless Access Point	762533
GPS Smart Antenna	762527

Wireless RAM4 Microphone

Wireless Access Point

GPS Smart Antenna

ICOM

M-506 Fixed Mount VHF

Icom's top of the line M506 is a feature packed fixed mount VHF. 5 versions are available offering various features that enhance the performance and offer different installation options. Built in class D DSC, IPX8 submersible rating, Two minute "last call" voice recording and playback, and weather channels with alert functions. Please call to determine which version fits your needs.

Model#	Description	Order#
M-506	VHF Radio	755015
M-506-1	VHF Radio, NMEA 2000	755016N
M-506-2	VHF Radio, NMEA 2000 & AIS	755017N
M-506-3	VHF Radio, NMEA 2000 Rear Mount	755018N
M-506-4	VHF Radio, NMEA 2000 Rear Mount & AIS	755019N

Flush Mount Kits

	For	Order#
Icom	M-412, M-424	119464
Icom	M-504, M-604	150467

ICOM

H Cobra MARINE removable mic & external speaker jack

MRF45D

STANDARD HORIZON

I Uniden

Solara D - UM385

J Uniden

UM415

STANDARD HORIZON

K

Quantum - GX-6000

L GARMIN

VHF110

M GARMIN

VHF210 AIS

N

VLH-3000A Loud Hailer Only

Fixed Mount VHF Radios

Model#	Black	White	Class D DSC	NMEA 0183 Output	Alphanumeric Keypad	GPS Info Display	Loud Hailer Power (watts)	Fog Signal Generation	Program Scan	Dual Watch	Tri Watch	Channel Names	Remote Station(s) Supported	Audio Output (watts)	Submersible to IP Standard	DSC Test Call	Selectivity (Db)	Rotary Channel Knob	Power Output (watts)	NOAA Weather Alert	Dimensions (HxWxD)
H. MRF45D	–	740359	•	•			•			•	•			4	X7		30		1/25	•	6.25" x 7.13" x 2.25"
I. Solara D	739299	739298	•	•			•			•	•	•	•		X7				1/25		2.5" x 6.4" x 6.7"
J. UM415	752871	752872	•	•			•				•	•			X8				1/25	•	3" x 7" x 6"
K. GX-6000	762529		•	•			25	•							X8			•			4.3" x6.9" x 6.8"
L. VHF110	762567		•	•			20								X7			•		•	3.4" x 6.7" x 5.8"
M.VHF210 AIS	762568		•	•			20								X7			•		•	3.9" x 7.8" x 5.8"
N. VLH-3000A	762531						30	•										•			4.3" x 7.1" x 5.5"

GME GX400 27 MHz Marine CB Radio

This versatile marine communication tool featuring both 27 MHz Marine Band and 27 MHz Citizen Band transceivers in one unit. Built tough to withstand some of the harshest environments in the world, this radio is great at sea or on land. Features waterproof speaker microphone and large backlit LCD screen with dimming function. Ingress protection to IPX7. Channel scanning with memory, dual and triple watch functions, two priority channels, channel 88 safety channel for marine application. Black. **Order# 761161**

CB Antenna

This 42" high, 26-30 MHz Frequency range. **Order# 760433**

STANDARD HORIZON

Intercom/Hailer Horn Speaker

This hailer speaker is suited for general purpose PA applications. It's weather resistant for indoor or outdoor use. White. Single speaker. 40 watts. 4 ohms. 5" x 8".

STD-240SW

Order# 144253

poly-planar Waterproof Marine VHF Extension Speakers

Totally corrosion-proof and waterproof. Stainless steel grills and brackets, ABS plastic housing. 10' cord and miniplug. 4 ohms. Note: Waterproof submersible VHFs do not have phone plugs. You must splice the speaker wires onto the appropriate wires coming out of the radio, per the installation manual.

Compact Speaker, 8 watts. Single speaker.
White or Black. 2.5" x 2.5" x 1.25"

Part#	Color	Order#
PYP-MB21B	Black	**127748**
PYP-MB21W	White	**127749**

Extension Speaker, 10 watts. Single Speaker
White or Black. 4.5" x 4.5" x 2"

Part#	Color	Order#
PYP-MB41B	Black	**127750**
PYP-MB41W	White	**127751**

Shakespeare

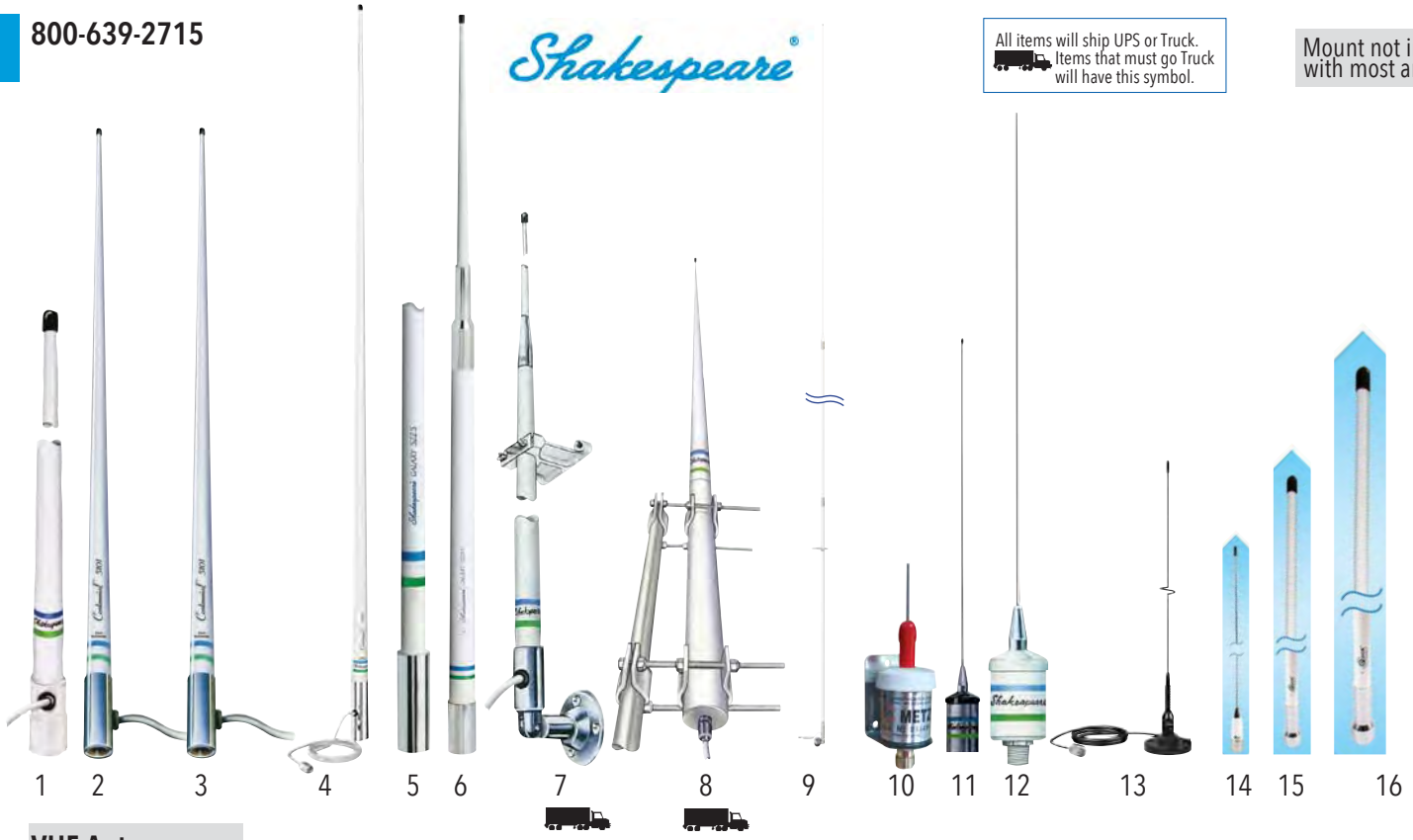
Hailer Speaker

A 5" white plastic horn speaker of 4 ohms, handling 15 watts (RMS) input. Most VHF radios provide external audio outputs. These accessory speakers are color and performance matched to make installation a breeze. SHA-HS5

Order# 743486

All items will ship UPS or Truck. Items that must go Truck will have this symbol.

Mount not included with most antennas



VHF Antennas

	Part#	Height	Gain	Wave	Elements	Finish	Ferrule	Cable	Order#
1.)	SHA-5206N	8'	6db	1/2	Cable	Fiberglass/white	Nylon	15' RG-58	**130695**
2.)	SHA-5101	8'	6db	1/2	Brass	Urethane	Chromed Brass	15' RG-58	**130686**
3.)	SHA-5102	8'	6db	5/8	Brass & Copper	Urethane	Chromed Brass	15' RG-58	**143558**
4.)	SHA-5104	4'	3db	5/8	Brass & Copper	Urethane	Chromed Brass	15' RG-58	**737643**
5.)	SHA-5225-XT	8'	6db	5/8	Brass & Copper	Urethane	Stainless Steel	20' RG-8x	**130703**
6.)	SHA-5230	14'	8db	5/8	Brass & Copper	Urethane	Stainless Steel	20' RG-8x	**130707**
7.)	SHA-4018	19'	9db	1/2	Brass & Copper	Fiberglass/white	Chromed Brass	20' RG-58	**130649**
8.)	SHA-476	21'	10db	1/2	Brass & Copper	Fiberglass/white	Aluminum		**130675**
	SHA-483	Hardware for mounting SHA-476 to mast							**130678**
9.)	SHA-5208-3	23'	9db	1/2	Brass & Copper	Fiberglass	Chromed Brass	20' Rg-58	**761036**
	3 Piece Construction - UPS Oversize Shipping May Apply								

Mount not included with most antennas

VHF Whip Antennas

All whips are stainless steel

	Part#	Manufacturer	Height	Mount	Elements	Cable	Order#
10.)	MET-MANTA-6	Metz	34"	L Bracket, Incl.	Base loaded	SO-239, no coax	**122708**
11.)	SHA-5241-R	Shakespeare	3'	1" Thread	Base Loaded	15' RG-58	**130709**
12.)	SHA-5215-CX	Shakespeare	3'	L Bracket, Incl.	Base Loaded	60' RG-8X	**130699**
13.)	SHA-5218	Shakespeare	19"	Magnetic, Incl.		15' RG-58 A/U	**731262**

VHF Extensions

Light-duty fiberglass. Raises antennas above interference. Mounts between antenna base and VHF antenna. 1"-14 thread-upper male, lower female.

Part#	Height	Dia.	Ferrule	Sh Wt	Order#
SHA-4008-4	4'	1-1/2"	Chrome Plated Brass	3	**130647**
SHA-4008	8'	1-1/2"	Chrome Plated Brass	10	**130646**

QuickConnect VHF

Features high quality connection with no noise from vibrations and splash protection cap to protect the connector on the mount when antenna is disconnected. Centerpin® PL-259 Connector is an easy crimp on type connector (Included). QuickConnect mount is required for installation.

	Part#	Height	Gain	Finish	Ferrule	Order#
14.)	SHA-QC-3	3'	3db	SS Whip / White Plastic Body	Chromed Brass	**760033**
15.)	SHA-QC-4	4'	3db	Fiberglass/White	Chromed Brass	**760034**
16.)	SHA-QC-8	8'	6db	Fiberglass/White	Chromed Brass	**760035**

QuickConnect Mounts

Part#	Mount Type	Material	Order#
SHA-QCM-N	Ratchet	Nylon	**760037**
SHA-QCM-NR	7/8" to 1" Rail	Nylon	**760039**
SHA-QCM-S	Ratchet	Stainless Steel	**760036**
SHA-QCM-SR	1" to 1-1/2" Rail	Stainless Steel	**760038**

Shakespeare

Antenna Mount
Fits 1" or 1-1/2" diameter. Upper bracket. Includes 1-1/8" insert.
SHA-408 **Order# 130654**

Shakespeare

Nylon Ratchet Mount
With cable hole. 1"-14 male threads. Not for use with antenna over 8' in self-supporting mode. SHA-4186-U
Order# 142094

Shakespeare

Stainless Steel Ratchet Antenna Mount
All 316 S/S construction. 1"-14 threads. 9/32" hole for cable. SHA-4187 **Order# 142046**

Heavy Duty 316 Stainless Steel Antenna Mount (as above)
SHA-4187-HD **Order# 142093**

SEA DOG LINE

Fixed Antenna Bases
1"-14 threads. 3" base. Takes (3) 1/4" RH fasteners.

Material	Height	Order#
Nylon	1-5/8"	**149398**
S/S	4-1/4"	**149397**
S/S	1-1/2"	**149396**

Shakespeare

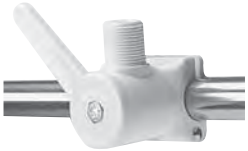
Rail Mount Antenna Bracket
For 7/8" or 1" rail. Slide slot in 1"-14 thread section for antennas with coax exiting the bottom center of ferrule.
SHA-4722 **Order# 731259**

Magnetic Mount
90lb pull w/15' cable plus PL-259 connector. Mount is for MET-MANTA-6 VHF antenna (Order# 122708).
MET-MAG-MOUNT **Order# 122707**

SEA DOG LINE

Nylon Rail Mounts
Injection molded nylon with stainless steel screws. Hole for cable feed through. Fits 7/8" and 1" rail.

Description	Order#
Handle Laydown	**146521**
Knob Laydown	**146522**



Shakespeare

Antenna Mounting Kit
Combines swivel mount with the molded upper bracket. The bracket insert accepts 1" or 1½" diameter antennas or extension masts. Includes 1-1/8" insert. SHA-410R **Order# 130655**

Shakespeare

4-Way Ratchet Antenna Mount
316 stainless steel. Sleek & classy. The designer look of this four-way ratchet mount won't fail to catch your eye. Nutless design. Standard 1"-14 threads & a cable slot that eliminates removal of most factory installed connectors. Slot for cable feed-through. Bolt holes: 5/16" dia., 3" x 1.5" on center.
SHA-5187 **Order# 731261**

Shakespeare

The new SeaWatch series of marine TV antennas from Shakespeare offer 360° coverage for virtually any boat. Models 3015 and 3019 provide over-the-air digital HDTV to vessels, allowing boaters to watch their favorite TV shows and movies for free and in 1080 HD.

15" Diameter TV Antenna
12-24VDC. 110 VAC. SHA-3015
Order# 756770

19" Diameter TV Antenna
12-24VDC. 110 VAC. SHA-3019
Order# 756769

Shakespeare

3004 SeaWatch® TV Antenna
This antenna features omni-directional, over-the-air digital HDTV solutions that bring sleek lines and 360° high-performance coverage to your watercraft or RV. Designed to accept common 1"-14 threaded mounts, the antennas are well suited to fit virtually any application. No assembly required. AC and DC power adapters included. SHA-3004 **Order# 756768**

Shakespeare

Shakespeare 2061 Flat HDTV/FM Antenna
This razor-thin, multi-directional amplified antenna is designed with our revolutionary Clear Circuit Technology®, the embedded amplifier is able to amplify 100% of the signal at the element to maximize channel reception and minimize pixelation and dropouts for the best viewing experience possible. The 2061 antenna is designed for the mobile lifestyle and can be used on sitcoms, reality TV, crime dramas, local news, weather, kids programming and more for FREE and in 1080 HD! Frequency range: 47-230MHz,470-862MHz. Dimensions: 12" x 13".
SHA-2061 **Order# 756767**

Optional Accessories for Shakespeare 3015 & 2019 Antenna

Straight Mount
4" high 1"-14 thread stainless steel mount. Perfect for radar arches. May be used with Style 4364 one foot extension mast.
SHA-4365 **Order# 130672**

Shakespeare

Extension Masts
1"-14 thread fittings.

Part#	Duty	Length	Type	Order#
SHA-4364	Moderate	1'	Fiberglass & Nylon	**130671**
SHA-4700	Heavy	6"	Stainless Steel	**165719**
SHA-4700-1	Heavy	1'	Stainless Steel	**165720**
SHA-4700-2	Heavy	2'	Stainless Steel	**165721**

VHF / AM / FM Marine Band Separator
Eliminate the need for separate AM/FM antennas & operate AM/FM and VHF radios at the same time without interfering with VHF radio performance. Complete with 10' RG-62 AM/FM cable, 3' RG-58 VHF cable & connectors.
SHA-4357-S **Order# 130667**

Antenna/Radio Tester
This unit tests receiver function, output power and VSWR (antenna efficiency). It is powered by an internal battery or can be connected to ships 12 VDC with the supplied power cable. Required on passenger vessels carrying over six passengers. Tests antenna & radio Tx and Rx.
SHA-ART-3 **Order# 166607**

MARINCO

Grounding Plates

Part#	Size	Used For	Order#
GUE-4006	6" x 2"x .5"	Basic Grounding	**116559**
GUE-4008	8" x 2.5" x .5"	Electronics Use	**116560**
GUE-4012	12" x 3" x .5"	Electronics Use	**116561**
GUE-4018	18" x 6" x .5"	SSB Radio	**116562**

SEADOG LINE

Polorized Electrical Connectors

As a safety feature, polarized pins are sized to be connected in only one way. 12 or 24 volt. Made of Machined Brass/Molded Bakelite & Neoprene.

Part#	Pole	Amps	Order#
SD-426162-1	2	3	**146583**
SD-426164-1	4	5	**146584**

PERKO

Watertight Deck Plugs & Sockets

Available in either chrome plated zinc or chrome over brass. 15A, 12-32V, polarized double contacts. Includes watertight cover that fits when plug is removed. Not ignition protected. 1 5/8" Dia. x 13/16" H.

Part#	Description	Order#
PKO-1190DP	Chrome Zinc	**126784**
PKO-1189DPCHR	Chrome Brass	**126783**

PL-259 Center-Pin Crimp-On Antenna Connector
Installs in seconds using only wire cutters and pliers. Gold.
SHA-PL259CP-G **Order# 156176**

PL-258 Center Pin Barrel Connector
SHA-PL258CP-G **Order# 153728**

PL-258 Twist-On Male Connector

Part#	Description	Order#
AEP-202175	RG58	**159780**
AEP-202176	RG8X	**100808**

PL-259 Solder-on Connectors

Part#	Description	Order#
WIN-PL259	Solder-on type	**136692**
SHA-PL259-G	Gold Plated	**746028**

Order PL-259 connector and appropriate adapter below.

Part#	Description	Order#
WIN-UG175-100	Adapter for RG-58 coax	**136703**
WIN-UG176-100	Adapter for RG-8x coax	**136704**

Coaxial Cable Assemblies

RG-58U coax cable assembled for quick installation of hardware. Pre-assembled PL-259 on both ends.

Part#	Cable Length	Type	Fittings	Order#
SD-329800-1	2'	RG58U	(2) PL-259	**173477**
SD-329802-1	5'	RG58U	(2) PL-259	**173479**
SD-329804-1	10'	RG58U	(2) PL-259	**173482**
SD-329806-1	20'	RG58U	(2) PL-259	**173483**
SD-329808-1	50'	RG58U	(2) PL-259	**173492**

Bulk Tinned Coaxial Cable (end fittings not included)

ANCOR MARINE GRADE™ PRODUCTS A Lasting Solution.

Part#	Wire Size	Order#	Spool Length
AEP-151525	RG8X	**100784**	250'
AEP-150525	RG58CU	**153871**	250'
AEP-151710	RG213	**166630**	100'

Super Flex Audio Cable

Made of premium tinned copper. Super flexible and easy to run. Clear jacket. Drawn copper, unidirectional lay for ultimate in sound quality. Tinned copper for corrosion resistance in the marine environment. 16/2 AWG.

Part#	Order#
AEP-142625	**729821**

BLUE SEA SYSTEMS

Cable-Clams

Permits a cable with connector attached to pass through the fitting. Saves hours of time when removing or re-installing antenna and radar cable, as the connectors may remain intact after initial installation. Acetal body, UV stabilized Buna-N rubber gasket & stainless steel screws.

Part#	Description	Order#
BLS-1001	.68" Connector Opening	**104181**
BLS-1002	.83" Connector Opening	**104182**
BLS-1003	1.4" Connector Opening	**104183**

BLUE SEA SYSTEMS

Side Entry Cable Clams

Provides a waterproof side entry for antenna cables without requiring removal of the factory installed connector. Simple one-piece design for easy side mount installations. Low profile, contoured edge reduces the risk of tangling lines. For use above waterline only. Includes all fasteners. Max Cable Diameter: 7.11mm (0.28") Max Connector Diameter: 25.4mm (1").
BLS-1007 **Order# 752742**

Side Entry Cable Clams with 316 Stainless Steel Dress Caps

BLS-1007100 **Order# 752743**

SCANSTRUT

Deck Seals

Waterproof cable routing. The only guaranteed and proven watertight installation for your antenna & navlight cables. Available in super-tough plastic or marine grade, polished 316 stainless steel. All models IPX6 and IPX7 tested and approved. Aesthetic dome-shaped profile provides a stronger, impact resistant design. Supplied with both pre-drilled and blank inner seals. Split-seal option does not require connector removal during install. Longlife stainless fastenings with captive nuts.

Size	Connectors Up to	Cables From	Plastic	S/S
Micro	–	2-6mm (.08"-.24")	**757581**	–
Mini	ø16mm (.63")	2-8mm (.08-.31")	**738906**	**738911**
Small	ø21mm (.83")	4-8mm (.165-.31")	**738907**	**738912**
Small	ø21mm (.83")	9-14mm (.35-.55")	**738908**	**738913**
Medium	ø30mm (1.18")	9-14mm (.35-.55")	**738909**	**738914**
Large	ø40mm (1.57")	12-15mm (.46-.59")	**738910**	**738915**
Multiple Cables up to	ø15mm (.71")	Self drill only*		**738916**

* Made of Anodized Aluminum

SCANSTRUT

Horizontal Deck Seal

Glass filled nylon. Waterproof cable routing, great for antenna and navlight cables. Predrilled and includes blank seals. 2-6 mm (.08" - .24"). SSU-DS-H6 **Order# 757582**

SEADOG LINE

Cable Feed Thru Fittings

Chrome Brass Plated

Part#	Description		Order#
SD-426040-1	RG58 Cable	1/4" Hole	**144826**
SD-426042-1	RG8X Cable	5/16" Hole	**144825**
SD-426051-1	RG8U Cable	3/8" Hole	**144827**

Vertical Swing Arm Mounts with Electronics Base

6" long BENT swing arm mounted on a vertical surface mounting base. At the base of the mount is a rectangular 6.25" x 2" mounting plate. Two pivoting points on the mount, one at the swing arm base and one at the center of the rectangular plate at the end of the swing arm. Each pivoting point allows a complete 360 degree rotation.

Part#	Type	Order#
RAM-109VU	Single Swing Arm	**749065**
RAM-109V-1U	Double Swing Arm	**755460**

GPS Accessories

Description	Order#
Marine Mount	**735987**

Boulder Watertight Cases

Keep your valuables safe and protected with these watertight cases. Made with high impact ABS plastic, which makes it durable and long-lasting. The reliable stainless steel hinge and latch pins are corrosion resistant. Contoured foam and lanyard are standard on these cases. Thanks to the water-tight seal, the watertight case will keep your valuables protected up to 80 feet (24 meters) underwater. They are crash-proof, so it won't break in case you drop it. Also comes with a lifetime warranty.

Model#	Interior (inches)	Exterior (inches)	Order#
J-2000	6 x 3.41 x 1.19	6.47 x 4.13 x 1.64	**763872**
J-3000	7.88 x 3.9 x 1.42	8.38 x 4.66 x 1.88	**763873**
J-3500	7.88 x 3.9 x 3.53	8.38 x 4.66 x 3.99	**763874**
J-5000	9.37 x 7.34 x 4.06	10.18 x 8.55 x 4.78	**763875**

PELICAN

Hard Micro Dry Cases

Keep your camera & other small valuables safe while on rugged adventures with Pelican micro dry cases. Easy open latch & rubber liner for extra protection (doubles as o-ring seal), automatic pressure equalization valve balances interior pressure & keeps water out. Water resistant, crushproof & dust proof. Stainless steel hardware. Carabiner. Lifetime guarantee of excellence. Not for swimming or submerging.

Part#	Description	Interior Dimensions	Order#
PEL-1010-YLC	Yellow/Clear Top	4.37" x 2.87" x 1.68"	**737494**
PEL-1015-YLC	Yellow/Clear Top	5.14" x 2.64" x 1.37"	**737495**
PEL-1020-YLC	Yellow/Clear Top	5.31" x 3.56" x 1.68"	**737496**
PEL-1030-YLC	Yellow/Clear Top	6.37" x 2.62" x 2.06"	**737497**
PEL-1040-BKY	Solid Yellow	6.50" x 3.87" x 1.75"	**737504**
PEL-1040-RDC	Red/Clear Top	6.50" x 3.87" x 1.75"	**737503**
PEL-1040-YLC	Yellow/Clear Top	6.50" x 3.87" x 1.75"	**737498**
PEL-1050-YLC	Yellow/Clear Top	7.50" x 5.06" x 3.12"	**737499**
PEL-1060-YLC	Yellow/Clear Top	8.25" x 4.25" x 2.25"	**737502**

GARMIN

GPS 73™

This easy-to-use handheld is perfect for boats, sailboats or small watercraft that do not have a chartplotter. It's also ideal as an important emergency navigation backup for all vessels. Its high-sensitivity GPS marks and stores 1,000 waypoints and 100 tracks so you can navigate right back to them. Use on land or water – it floats! (IPX7 rated) Features SailAssist, including virtual starting line, heading line, countdown timers and tack assist. NMEA 0183 compatible. If you're into boating, hunting or fishing, you can use the built-in celestial data, which includes sunrise/sunset times and a hunting and fishing calendar, estimated time of arrival, other calculations and marine data. Features an intuitive user interface with back-lit buttons for quick and easy operation and high-contrast display makes it easy to read in all lighting conditions.
GRM-GPS73 **Order# 760107**

GARMIN

GPSMAP® 78sc

The GPSMAP® 78sc features 3-axis tilt-compensated electronic compass, which shows your heading even when you're standing still, without holding it level. Its barometric altimeter tracks changes in pressure to pinpoint your precise altitude, and you can even use it to plot barometric pressure over time, which can help you keep an eye on changing weather conditions. Share your waypoints, tracks, routes and geocaches wirelessly with other compatible device users. Preloaded U.S. coastal charts included. And it floats! GRM-GPSMAP78SC
Order# 735761

GARMIN

GPSMAP® 276cx All-Terrain Navigator

Basemap Cartography Only
Chart Card Required

If you're a jack-of-all-trades, you need a GPS navigator that's as versatile as you are. With a large 5-inch sunlight readable screen. The navigator's flexible mounting lets you keep the device exactly where you need it. Features reliable push-button controls that resist dirt, dust and grit. In-unit charging with an included lithium-ion battery pack, and even has the ability to use standard AA batteries. Internal antenna with GPS and GLONASS satellite reception for tracking in more challenging environments than GPS alone; for better reception in vehicle interiors add an external antenna (sold separately) to the built-in MCX connector. Built-in worldwide basemap and free 1-year BirdsEye Satellite Imagery subscription Supports Garmin TOPO maps, Garmin HuntView™ maps, BlueChart® g2 HD marine charts and more. Supports active weather forecasts and animated weather tracking. Pairs with your compatible smartphone for automatic uploads, smart notifications and more.
GRM-01607-00 **Order# 762564**

BlueChart g2 HD Chart Card
US All & Canadian West Coast.
GRM-C1018-20 **Order# 761184**

Photo by Wayne Hamilton © 2014

GARMIN

GPSMAP® 742/742xs and 942/942xs Chartplotters

Premium Touchscreen, Radar Capable, GPS Chartplotters that combine a stunning array of navigation features with affordability. These stand alone units feature touchscreen control, built-in high-sensitivity GPS, NMEA® 2000 NMEA 0183 support for network connectivity, including autopilots, digital switching, weather, FUSION-Link, VHF, AIS and more. The wide-format color screens offer unprecedented extremes of brightness and low-level dimming. There's also a radar port that lets you connect with any Garmin® marine radar. And with an optional g2 Vision® card (sold separately) you can access such premium features as 3-D MarinerEye or FishEye map views, as well as "real picture" reference photos and Auto Guidance. Also features a powerful digital sounder with built-in 1,000-watt RMS capable sonar. Built-in high-sensitivity 10 Hz Garmin® GPS/GLONASS receiver updates position & heading 10x per second, displaying fluid vessel movement & dramatically improves your ability to accurately mark and quickly navigate to 5000 waypoints. Also includes full wireless connectivity, media integration, autopilot compatibility, radar support, and NMEA® 2000 connectivity. Preloaded with both Garmin® U.S. offshore and Garmin® U.S. lakes cartography. Does not include transducer. The xs models come with built-in Garmin 1 kW CHIRP sonar and CHIRP ClearVü scanning sonar.

Description	Order#
7" Chartplotter/Sounder	**762558**
7" Chartplotter/Sonar	**762559**
9" Chartplotter/Sounder	**762560**
9" Chartplotter/Sonar	**762561**
g2 SD Vision® Card North Maine	**174106**
g2 SD Vision® Card South Maine	**174107**

GARMIN

GPSMAP® 7607/7608 Chartplotter

Designed for cruisers, sailors and sailing racers who demand high performance and ease of operation. These chartplotters feature multi-touch widescreen display with a 10 Hz internal GPS that updates position and heading 10 times per second. Fully network capable, including the Garmin Network and NMEA 2000, and offers the convenience of built-in Wi-Fi® connectivity. Sounder versions include built-in dual CHIRP sonar plus CHIRP DownVü and CHIRP SideVü scanning sonar with the clearest images on the water.

Description	Order#
7" Chartplotter, US Bluechart® g2 & US LakeVü HD	**757312**
7" Chartplotter/Sounder, US Bluechart® g2 & US LakeVü HD	**757313**
8" Chartplotter, US Bluechart® g2 & US LakeVü HD	**757314**
8" Chartplotter/Sounder, US Bluechart® g2 & US LakeVü HD	**757316**

CHIRP

(Compressed High Intensity Radar Pulse)
Instead of sending just one frequency, CHIRP sends a continuous sweep of frequencies ranging from low to high. CHIRP sonar technology then interprets frequencies individually upon their return. Since this continuous sweep of frequencies provides CHIRP with a much wider range of information, CHIRP sonar is able to create a much clearer, higher resolution image.

GARMIN

Owner Wayne Hamilton has long been the harbormaster of Searsport, Maine's second largest port. He has also ferried Penobscot Bay pilots to incoming and outgoing ships for over fifty years. He and his Wesmac-built *Ciloway III* run in all kinds of weather, day and night, all year long. Hamilton equipped *Ciloway III* with two Garmin radars, a dome and an open array. And two multi-function displays, a 12 and 16 inch. "I'm very comfortable even at night in a January blizzard with ice floes. Garmin has never let us down."

GARMIN

GPSMAP® 7610/7612 Chartplotter

Designed for cruisers, sailors and fisherman who demand high performance, ease of operation and feature integration, the GPSMAP 7610/7612 feature multi-touch widescreen display with ultra-fast processor for quick map redraws, 4-way split screen views and SmartMode to quickly change all screens at once. View display from any angle, in any lighting condition and keep your polarized sunglasses on. 10 Hz internal GPS that updates position and heading 10 times per second. Premium sailing features include laylines, enhanced wind rose, tide/current/time slider. Racing features include virtual starting line, time to burn and synchronized race timer. Fully network capable, including the Garmin Network and NMEA 2000, and offers the conveniences of built-in Wi-Fi® connectivity. Supports data sharing, radar, autopilot, instruments, multiple screens FUSION-Link (media integration), sensors, black box sonar, digital switching, FLIR® thermal cameras, IP cameras, GRID™, weather and more. Includes bail mount and flush mount in the box for optimum viewing of the display. Two card slots for adding optional mapping or saving user data such as waypoints, routes, tracks, and sonar recordings.

Description	Order#
10" Chartplotter, US Lakes & Offshore Charts	**757311**
10" Chartplotter/Sounder, US G2 & US Lake Charts	**757317**
12" Chartplotter, US Lakes & Offshore Charts	**757318**
12" Chartplotter/Sounder, US G2 & US Lake Charts	**757319**

GARMIN

GPSMAP® 1042xsv/1242xsv Chartplotter/Sonar Combo

Feature 10-inch color display with keypad interface and multifunction control knob. Garmin Marine Network support allows sharing of sonar, maps, user data, dome or open-array radar, IP cameras and Panoptix sonar among multiple units. Includes NMEA 2000® network connectivity and NMEA 0183 support for autopilots, digital switching, weather, media, VHF, AIS and other sensors. Also features built-in Wi-Fi connectivity for BlueChart Mobile 2.0 and Garmin Helm apps. Garmin Helm allows you to view and control your compatible chartplotter from your smartphone or tablet while providing enhanced situational awareness for the mariner. With BlueChart Mobile, a free app downloaded from the App Store™, you can get reliable weather information while you plan marine routes on your iPad® or iPhone® then wirelessly transfer them to your boat's compatible networked Garmin chartplotter. Fast, responsive built-in 10 Hz GPS and GLONASS refreshes your position and heading 10 times each second to make your movement on the screen more fluid. Drop up to 5,000 accurate waypoints quickly and easily. Has high wide CHIRP, 250 W and CHIRP ClearVü/SideVü, 455/800, 500 W capability and built-in support for Panoptix all-seeing sonar and premium Garmin sonar modules (transducers sold separately). Preloaded with LakeVü HD inland waters mapping and BlueChart g2 HD coastal charts.

Description	Order#
10" Chartplotter/Sonar	**762562**
12" Chartplotter/Sonar	**762563**

GARMIN

EchoMAP™ ClearVü Series Chartplotter/Sonar Combos

It's time you started fishing with the power of CHIRP sonar. The easy-to-install, easy-to-use echoMAP™ CHIRP chartplotter includes transducer for high wide CHIRP sonar and Garmin CHIRP ClearVü™ for clear scanning sonar images. CHIRP sonar provides amazingly clear target separation and definition because it puts even more energy onto the target than traditional sonar. It also includes sonar-recording capability that coordinates the timing of the sonar return with your boat's position and saves digital information for playback on a computer. Garmin ClearVü scanning sonar gives you a nearly photographic, wide image of what passes below your boat. You clearly see structure, submerged objects and fish. Traditional Garmin HD-ID™ sonar and ClearVü scanning sonar are combined into 1 transducer. It includes Quickdraw Contours software to instantly create your very own HD maps with 1-foot contours as you fish. Internal 5 Hz GPS updates position and heading 5 times per second. Plus, it's quick and easy to drop up to 5,000 accurate waypoints and find your way back to your secret fishing hot spots. Cords plug directly into the mount, allowing you to quickly install and remove your device from power and mount. The sv series gives you built-in CHIRP traditional sonar, CHIRP DownVü and CHIRP SideVü scanning sonar capabilities. Transom and trolling motor mounts included.

Model#		Screen Size	Preloaded Charts	**Order#**
010-01796-01	43cv	4.3"	U.S. LakeVü HD	**762550**
010-01797-01	44cv	4.3"	U.S. Bluechart® g2	**762551**
010-01798-01	53cv	5"	U.S. LakeVü HD	**762552**
010-01799-01	54cv	5"	U.S. Bluechart® g2	**762553**
010-01800-01	73cv	7"	U.S. LakeVü HD	**762554**
010-01801-01	74cv	7"	U.S. Bluechart® g2	**762555**
010-01802-01	73sv	7"	U.S. LakeVü HD	**762556**
010-01803-01	74sv	7"	U.S. Bluechart® g2	**762557**

CHIRP

(Compressed High Intensity Radar Pulse)
Instead of sending just one frequency, CHIRP sends a continuous sweep of frequencies ranging from low to high. CHIRP sonar technology then interprets frequencies individually upon their return. Since this continuous sweep of frequencies provides CHIRP with a much wider range of information, CHIRP sonar is able to create a much clearer, higher resolution image.

GARMIN

GMR™ 18HD+ Radome

Streamlined 18" 4 kW dome radar
Delivers 4 kW transmit power and clear echo definition at all ranges. Dynamic Auto Gain automatically adjusts to your surroundings for optimal performance in all conditions. Dynamic Sea Filter automatically adjusts gain to changing sea conditions. GRM-01719-00
Order# 762569

GARMIN

GMR™ 18xHD Radome

18" 4 kW high-definition dome radar. Step up to xHD performance for higher resolution. Dynamic new shape for improved look and antenna performance. No complex user settings, easy to install and start using. New Dynamic Auto Gain and Dynamic Sea Filter continually adjust to your surroundings to provide optimal performance in varying conditions. Includes 15m cable.
GRM-GMR18XHD **Order# 753167**

GARMIN

GTR™ Fantom 18/24 Dome Radars with MotionScope™ Technology

MotionScope™ technology uses the Doppler effect to detect and highlight targets moving toward you or away in different colors to help avoid collisions, find flocks of birds, and track weather. Pulse Compression technology provides high resolution while maximizing energy, to enhance detection and identification of targets. Target Size allows you to adjust the size of objects on the radar image. Has IPX7 waterproof rating. 20 foot to 48 nautical mile detection range. Both modles include 15 meter power and netwook cables.

Part#	Size	**Order#**
GRM-01706-00	18"	**762565**
GRM-01707-00	24"	**762566**

SVS-460C/560CF Color LCD Display

High-resolution color LCD screen. 52-channel GPS w/standard internal antenna. "Dual fuel" charting with C-MAP and Navionics cartography. Unit pre-loaded w/Navionics Gold North American Chart Card. Global GPS compatibility. Brilliant LED backlighting for daylight readability. Easy, intuitive operation and control.

Part#	Description	Order#
SIT-SVS460C	4" Chartplotter	**757587**
SIT-SVS560CF	5" Chartplotter w/ FishFinder	**757588**

SVS-880C/880CF/1010C/1010CF Color LCD Display

Features high-resolution color LCD screen. 52-channel GPS. "Dual fuel" charting the C-MAP Navionics cartography. Pre-loaded w/ Navionics Gold North American Chart Card. Global GPS compatibility. Brilliant LED backlighting for daylight readability. Easy, intuitive operation and control. Video input for underwater and on-deck cameras. Optional RF remote provides complete, effortless control of the unit, even when not pointed at the unit. (sold separately)

SIT-HD-1000R Wireless Remote (Sold Separately)

Part#	Description	Order#
SIT-SVS880C	8" Chartplotter	**761023**
SIT-SVS880CF	8" Chartplotter/Sonar	**757589**
SIT-SVS1010C	10" Chartplotter	**757590**
SIT-SVS1010CF	10" Chartplotter/Sonar	**757591**
SIT-HD-1000R	Wireless Remote	**758297**

NavStar 10/NavStar 12 Hybrid Touch Screen MFD

Combines advanced radar, sonar, GPS/chartplotter and entertainment functionality with the ease and versatility of hybrid touch-screen operation. Powerful Cortex A9 1.6GHz Quad Core processor. Four-way split-screen display. Dual-range radar capability gives you close-in and far-away targets at the same time. 50/200kHz sonar for advanced detail of bottom composition, structure and suspended fish schools.Sounder automatically sets itself for 600kW or 1kW power output, based on the transducer that is connected. Bluetooth® connectivity. Wireless LAN for internet and automatic updating. Easy flush mounting on any bridge, helm or console.

Part#	Description	Order#
SIT-NAVSTAR10C	10" Chartplotter	**765413**
SIT-NAVSTAR10CF	10" Chartplotter/Sonar	**765414**
SIT-NAVSTAR10CFR	10" Chartplotter/Sonar/Radar	**765415** N
SIT-NAVSTAR12C	12" Chartplotter	**765416**
SIT-NAVSTAR12CF	12" Charplotter/Sonar	**765417** N
SIT-NAVSTAR12CFR	12" Charplotter/Sonar/Radar	**765418** N

Explorer NavPro Black Box Multifunction Navigation System

Designed to turn any onboard VGA display or off-the-shelf PC monitor into an advanced navigation system. HDMI video output along with NMEA-2000 networking that enables Engine Monitoring and AIS (Automatic Identification System) integration for safer vessel operation in crowded waterways or limited visibility conditions. An extremely fast and powerful processor provides quick, seamless operation, especially when panning and zooming the data-rich vector chart display. It's easy to easy to save, edit and manage data in the system's massive 4GB mark, track and route memories. Also has two NMEA 0183 ports and a GPS Smart Antenna port allow for easy installation and versatile integration with other onboard systems. Please note: Monitor pictured not included.
SIT-EXPLORERIW **Order# 156569** N

Raymarine

i40 Instruments

Sleek, compact modern design. These instruments feature high contrast LCD displays, red backlighting for night-time visibility, simple SeaTalk networking with other Raymarine products and built-in transducer connections for easy installation. All i40 instruments come with a low-profile surface mounting kit and silicone rubber sun cover.

Part#	Description	Order#
RTH-E70142	i40 Depth	**748719**
RTH-E70144	i40 Wind	**748720** N

Raymarine

i60 Wind Instrument

Large numerals and digits. Red back lighting for enhanced night time visibility. SeaTalk and SeaTalkng interfaces. NMEA 2000 (compatible) interface. Built-in transducer interface. 110mm x 115mm footprint identical to older Raymarine ST60+ instrumentation. Low power consumption. Multiple data source support eliminates potential data conflicts. Front mounted design for simple installation. RTH-E70150 **Order# 748724**

Raymarine

Evolution Autopilot Kits

No fuss, easy to install and robust - the Evolution autopilot combines Raymarine's autopilot expertise, FLIR Systems' R&D, and advanced aerospace guidance technology to create Evolution Ai control algorithms that deliver a new level of accurate autopilot control.

Wheel: Quick and easy installation. Simple robust clutch engagement mechanism. Maximum recommended laden boat displacement: 7,500kg (16,500lbs). Thrust: 30Nm. Connections: STng (x1), NMEA 2000 with adapter cable.

RTH-T70152
Order# 751075

Power: The 0.5ltr Hydraulic Pump is primarily designed for use on boats with an existing hydraulic steering system. Alternatively, you can use this pump on a boat with mechanical steering in conjunction with a secondary steering ram.

RTH-T70154
Order# 753029 N

Please Call For Assistance Configuring Your Autopilot! 800-639-2715

Raymarine

Axiom Chartplotter MFD's

A powerful new multifunction navigation system with LightHouse 3 operating system and super-charged quad core performance. Feature rugged, all class touch screen display that is optically bonded for brighter colors, sharper contrast and sunlight visibility. LightHouse 3 is an uncluttered interface that is easy to learn and personalize. Supports RealVision 3D, CHIRP DownVision, SideVision, High Frequency CHIRP and 600 Watt (50/200 kHz) sonar. NMEA2000 compatible. Quantum CHIRP radar ready. Built-in Wi-Fi lets you stream and control AXIOM right from your smartphone or tablet. You can also sync waypoints, routes, and charts with Navionics mobile apps. Preloaded with LightHouse USA charts.

Part#	Description	Order#
RTH-E7036300LNC	7" Chartplotter MFD	**765400**
RTH-E7036400LNC	7" Chartplotter MFD w/ DownVision	**765403**
RTH-E7036600LNC	9" Chartplotter MFD	**765401**
RTH-E7036800LNC	12" Chartplotter MFD	**765402** N

Raymarine

Quantum™ CHIRP Radar

Raymarine Quantum Radar, by FLIR, is the next generation of marine radar featuring CHIRP pulse compression technology. Setting a new standard for compact solid state radar, Quantum delivers superior radar imaging on both long and extremely short ranges. Simple Wi-Fi connection between Quantum and any Raymarine LightHouse II powered MFD. Thin cabling simplifies installation plus Quantum's energy efficient and lightweight design provides safe radiated emissions and substantially reduced power consumption. Weighs 50% less than traditional magnetron radars. 10 meter power cable included. T70243 also includes a 10 meter data cable.

Part#	Order#
RTH-E70210	**760494** N
RTH-T70243	**760496**

Raymarine

AIS 650

Class B AIS transceiver that allows you to transmit your data to other AIS equipped vessels & receive their data for viewing right on your Raymarine multifunction display's radar or chartplotter screen. Dual channel receivers monitor class A & B transmissions. Dedicated 50 channel RAIM compliant GPS receiver for superior accuracy. Hardware and software selectable Silent Mode for privacy or security. Silent mode turns off your AIS transmitter while still enabling you to see transmissions from other vessels. Simple integration with Raymarine C-Series, E-Series and G-Series systems. USB 2.0 port for plug-and-play connection to PC based navigation systems. SD Card Slot for recording of AIS data. Built-in NMEA multiplexer.
RTH-E32158 **Order# 743376**

Must be programmed by dealer before shipping

FURUNO

GP-33 GPS/WAAS Receiver

4.5" sunlight viewable color LCD display (480 x 272 pixels). Waterproof to IPX5 with a durable exterior. External 12-channel GPA-017 GPS antenna. Built-in WAAS receiver. 7 display modes for different navigation needs. Alarms for arrival, XTE limits, and more. Comes with mounting hardware, hard cover, cable, and an external GPS antenna (GPA-017). FRN-GP33 **Order# 736064**

FURUNO

GP-39 GPS/WAAS Reveiver

Bright 4.2" high-resolution color LCD screen (700cd). Stores up to 3,000 track points, 10,000 waypoints and 100 routes. SBAS capable for better positioning calculations. NMEA 0180 input port receives data from fish finder/radar. 7 display modes, including 2 user-customizable modes. Displays position Data in Loran TD's. USB port for importing/exporting waypoints and routes. "Click-In" hanger for easy mounting/dismounting. Multi language ready. FRN-GP39 **Order# 762522**

FURUNO

GP1870F GPS/Chartplotter/Fish Finder

This compact, waterproof and durable unit delivers highly accurate data and crystal clear pictures on its 7" wide format, color bonded LCD screen. It's fast, powerful and easy to use. Features an internal antenna, dual-range display allows you to view both short and long ranges of your chart simultaneously in a split-screen presentation. The LCD screen allows for viewing from virtually any angle, even while wearing polarized sunglasses, plus the screen is bonded to ensure fog-free operation. Supports C-MAP 4D by Jeppesen charts. C-MAP 4D is a versatile, all-in-one charting solution that gives users specific content and features needed to optimize their time on the water. Provides standard vector chart content plus dynamic raster chart presentations, 3D views, satellite images, exclusive Easy Routing and more. The advanced signal processing provides a graphical display of the water column and objects in the water, in addition showing composition of the seafloor. Accu-Fish is a revolutionary fish size assessment function that can tell you the approximate size of the fish below your boat. It can detect fish size from 4' up to about 6', in depths of 7' to well over 300' of water. FRN-GP1870F **Order# 752975**

SIMRAD

GO7/GO9 XSE TotalScan Chartplotter

Super-bright touchscreen with built-in GPS receiver, and Wi-Fi access to the latest charts and updates. Cruise with confidence using ForwardScan™ forward-looking sonar, or find fish like a pro with Broadband Sounder™ CHIRP sonar plus StructureScan® HD SideScan and DownScan Imaging™. Control your onboard sound system, monitor engine data and more over NMEA 2000®. Add the TotalScan™ transducer to your GO XSE system and get all your sonar technology in one package. TotalScan matches proven Broadband Sounder™ and CHIRP sonar with SideScan and DownScan Imaging™ technology, making it possible to target fish and search for fish-holding structure with the same transducer. Built-in 10 Hz GPS. Multi-touch display. SonicHub®2 ready. NMEA 2000® Engine Interface compatible with Insight Genesis, C-Map®, Navionics®, and NV Digital charts. GoFree - Download and upload maps, software and apps direct to your Simrad display.

Part#	Screen Size	Order#
SRD-GO7	7"	**761175**
SRD-GO9	9"	**761209**

SIMRAD

Broadband 3G™/4G™ Radars

Low power consumption ideal for boats of any size, sail, cruise or fish. IPX6 waterproof. Quick and easy installation.

Part#	Description	Order#
SRD-BB3G	24nm range	**740429**
SRD-BB4G	36nm range	**749473**

LOWRANCE

Hook-5/Hook-7 Fishfinder/Chartplotter

Features enhanced sonar sensitivity, excellent target separation and superior noise rejection, making it easier to see baitfish and gamefish targets. Built-in GPS antenna. TrackBack™ to review recorded sonar history including structure, transitions or fish targets, then pinpoint locations with a waypoint. Multi-Window Display lets you quickly choose from pre-set page layouts - including a three-panel view. Operating frequency: 455/800 kHz (DownScan Imaging™), Med, High (CHIRP), 83kHz/200kHz. Has one microSD slot. 12v DC (10-17v DC min-max).

Part#	Screen Size	Screen Resolution	Order#
LOW-HOOK5	5"	480 x 480	**761164**
LOW-HOOK7	7"	800 x 480	**761165**

FURUNO

FCV Series Fishfinders

These color LCD fishfinders feature new RezBoost™ technology which improves clarity, resolution and target separation utilizing a compact, narrowband transducer. Spot individual game fish surrounding bait balls, as well as fish close to the seabed. ACCU-FISH™ is a unique fish size analyzer based on the latest digital technology. Bottom Discrimination function enables the fish finder to indicate whether the bottom is composed mainly of rocks, gravel, sand or mud. It also provides you with valuable information that helps you locate rich fishing grounds, and boost your catch of the day. The White Line function distinguishes fish from the seabed. This function is useful for discriminating bottom fish as well as judging fish school density. When fish echoes appear in an area preset by the user, will sound a loud alarm and display an alarm icon on-screen. The integrated alarm can also be set to be triggered by specific conditions for water depth, target depth, water temperature, bottom type and more.

Part#	Screen Size	**Order#**
FRN-FCV628	5.7"	**760425**
FRN-FCV588	8.4"	**760426**

SIMRAD

Fishfinder S2009/S2016

The Simrad S2009/S2016 Fish Finders features a single-channel Broadband Sounder™ module with CHIRP technology. See clearly with White Line, White Marker, and Color Erase features. High brightness LCD display ideal for outside installation and simple operation with 8 direct-access menu keys easy use. Robust yet compact with both bracket and flush-mount installation options, was designed to meet the need for a dedicated fish finder display aboard coastal and offshore fishing vessels. Full-sized SD card slot for logs and software updates. Ethernet, NMEA0183 & NMEA2000 connectivity. S2016 also has HDMI output for mirrored secondary display.

Part#	Screen Size	**Order#**
SRD-S2009	9"	**760214**
SRD-S2016	16"	**760215** N

Dual Frequency Transducers

Bronze, thru-hull Broadband transducer, ideal for sportfishing and commercial vessels fishing in depths of less than 3000'. 50kHz/200kHz frequencies.

Part#	Description	**Order#**
SRD-B258	Depth, Temp	**761182**
SRD-B744	Depth, Speed, Temp	**761181**

Hand Held Depth Finder

vexilar

Displays depth or distance digitally for 10 seconds before automatically shutting off. Waterproof to 150'. 200 kHz 22° built-in transducer. Reads depth from 1.8 to 200 feet. Backlit display. Uses one 9 volt battery. Weighs 11 oz, and it floats!
VEX-LPS-1 **Order# 146475**

HawkEye

In Dash Depth Finder w/ Air & Water Temp

Instant depth readings, updated 4 times per second. From 2.5'-200' at speeds up to 63 mph with dual temperature displays.Includes thru-hull transducer. 2" cut out. NCR-D10DX06T **Order# 740162**

SI-TEX

SVS760 Color Echo Sounder

The SVS-760 Digital Echo Sounder is an affordable color machine that combines professional grade features and fishfinding performance with a large and brilliant high-definition LCD display. The dual-frequency (50/200kHz) sounder features 600W output and a 7.5" color LCD display that is sunlight viewable. The vertically oriented 480x800 pixel display provides maximum sonar resolution. It meets IPX-7 waterproof standards, offers depth ranges to 4,800' and features large, clearly marked controls and large rotary knobs for easy and intuitive operation. All digital technology eliminates unwanted noise and provides the clearest image in all operating conditions. The high-speed CPU ensures that all fish targets are presented, even the smallest ones. This powerful internal processor also provides superior readings at higher boat speeds and seamless performance when zooming in/out or moving the cursor across the display. Full range of professional sounder features including White Line/Black Line Bottom Discriminator to separate bottom-hugging fish targets from the seabed, Auto/Manual Gain and Range Selection, Bottom Lock, Bottom Zoom and A-Scope. Settable alarms for Depth, Fish School and Water Temperature. Also offers a setting that presents fish symbols of varying sizes based on the size and type of the fish being marked.

Part#	Description	**Order#**
SIT-SVS760	SVS760 Sounder	**753061**
SIT-17005020TC	50/200 Bronze Thru Hull Transducer	**729852**

SI-TEX

CVS-126 Digital Echo Sounder

Brilliant 5.7" color LCD display with 8, 16 or 64 color levels and an anti-reflective coating (240x320 pixels). Boasts 600 watts with depth ranges 0-2700'. State-of the-art digital signal processor offers advanced filtering capabilities. Exclusive Sona-Tone identifies what's under your boat with different sounds for fish and schools of fish. Stores up to 10 screen images in built-in memory for recalling later by "one-touch". Keypad, dedicated-functions keys, rotary-knob control of Gain/Selection and comprehensive on-screen menus. Power consumption: 10w or less.
SIT-CVS126 **Order# 729835**

50/200kHz Bronze Transducer w/Temp
SIT-17005020TC **Order# 729852**

SI-TEX

CVS-128 Digital Echo Sounder

Big 8.4" color LCD daylight viewable display with 8, 16 or 64 color levels and an anti-reflective coating (480x640 pixels). Dual-Frequency 50/200 kHz operation. Boasts 600 or 1000 watts with depth ranges 0-3600'. State-of the-art digital signal processor offers advanced filtering capabilities. Exclusive Sona-Tone identifies what's under your boat with different sounds for fish and schools of fish. Stores up to 10 screen images in built-in memory for recalling later by "one-touch". Keypad, dedicated-functions keys, rotary-knob control of Gain/Selection and comprehensive on-screen menus. RGB output. Overhead mounting. Power consumption: 16w or less.
SIT-CVS128 **Order# 731239**

Transducers	**Order#**
50/200kHz Bronze Transducer w/Temp	**731730**
50/200kHz Bronze Transducer w/Temp (for deep water use)	**731731**

TRUSTED BY PROFESSIONALS FOR 40 YEARS

T-760

T-760 Series Touchscreen Radar

- Powerful 4kW output w/18' or 24" radome
- 24 or 48 nm range
- Multi-speed antenna rotation (16/27/36/48 rpm)
- 7" daylight viewable color LCD
- Simple touchscreen/rotary control
- Standard 10-target MARPA
- Standard 50-target AIS tracking

T-941

T-941 Radar

- 4kW output with 25" radome
- 36 nm range
- Dual-speed antenna for high speed/river use
- 8.4" True Color daylight viewable LCD
- Simultaneous split-screen display of short/long range targets
- True Trail function clearly IDs moving targets
- Standard 100-target AIS tracking
- Optional Automatic Tracking Aid (ATA)

SVS-880C/F

SVS 880/1010 Chartplotter/Sonar Combo

- 10.1" WVGA or 8" SVGA sunlight viewable color LCD
- Offered in chartplotter only (C) or plotter/sonar (C/F)
- Dual-fuel charting with standard Navionics+ Gold or optional C-MAP MAX
- Pre-loaded with Navionics Gold+ North America chart card
- Massive storage for waypoints/tracks/marks
- 3rd Generation dual-frequency sonar
- Automatic data backup to SD card
- Global GPS compatibility
- Standard video input/output
- Optional handheld remote

SVS-1010C/F

Available handheld remote for SVS-880/SVS-1010

SI-TEX MARINE ELECTRONICS

(631) 996-2690 | www.si-tex.com

find us on facebook

All SI-TEX Marine Electronics are backed by our leading 2-Year Warranty and U.S.-based service department.

GARMIN

STRIKER™ CHIRP Fishfinders

Finding fish is easier than ever with STRIKER™ CHIRP fishfinder series. Mark and return to your hot spots, boat ramps and docks, and share your favorite waypoints and routes with other STRIKER™ and echoMAP™ combos. Smooth Scaling™ graphics provide uninterrupted imagery when switching between depth-range scales. Sonar history rewind allows you to scroll back through sonar images to mark waypoints you originally may have missed. Plus, it has a built-in flasher and displays speed data. Garmin ClearVü scanning sonar gives you a nearly photographic, wide image of what passes below your boat. You clearly see structure, submerged objects and fish. Traditional Garmin CHIRP sonar and CHIRP ClearVü scanning sonar are combined into 1 transducer. Includes tilt/swivel mount, CHIRP transducer with transom and trolling motor mounting hardware and cable.

Model#		Description	Order#
010-01550-00	4	3.5" CHIRP Fishfinder w/ GPS	**760216**
010-01806-00	4cv	3.5" CHIRP Fishfinder w/GPS	**762570**
010-01807-00	5cv	5" CHIRP Fishfinder w/GPS	**762571**
010-01808-00	7cv	7" CHIRP Fishfinder w/GPS	**762572**
010-01809-00	7sv	7" CHIRP Fishfinder w/ ClearVü/ SideVü	**762573**

STRIKER™ Series Accessories

	Model#	Description	Order#
A.	010-10327-20	Plastic In-hull transducer	**753172**
B.	010-12441-00	Protective Cover for 4/4cv	**760221**
C.	010-12441-01	Protective Cover for 5cv	**760222**
D.	010-12441-02	Protective Cover for 7cv/7sv	**760223**

A.

B.

C.

D.

FURUNO

Furuno 1623 Radar

Big on power, clarity and advanced radar features. Slim-line 6" monochrome LCD display and lightweight radome antenna make it ideal for power or sail boats as small as 17'. 2.2kW, 16 nm range, yet will zoom down to 1/8 nm for tight navigation in harbors & inlets. 15" radome antenna.
FRN-1623 **Order# 155672**

FURUNO

Furuno 1715 Radar

Monochrome LCD display is high performance, compact, and waterproof. Easy to read even in direct sunlight on the high definition 7" screen. Audible alarms, 2.2kW with a 24 nautical mile range. 18" radome antenna with a beam width of 5.2˚.
Display: 7.9"x7.9"x2.8".
FRN-1715 **Order# 162754**

FURUNO

1st Watch Wireless Radar

For use with all iOS devices, you can connect up to two devices simultaneously. Since the display is unthethered, you are free to roam the vessel while maintaining full situational awareness of your surroundings. It's as easy as mounting it, plugging in the power cord and downloading the free app. iPad® not included.
FRN-DRS4W **Order# 756841**

SIMRAD

R2009 Radar Control Unit and 3G™ Dome

The Simrad R2009 is a dedicated radar control unit with integrated 9-inch portrait display, compatible with a range of Simrad radar solutions including Halo™ Pulse Compression, Broadband 3G™/4G™, and HD Digital Radar. An ideal safety and navigation accessory for offshore cruisers and sportfishing vessels, the R2009 offers versatile flush or bracket-mount installation options and intuitive keypad based operation for reliable control in all conditions. Ethernet, NMEA0183 & NMEA2000 connectivity.
SRD-R20093G **Order# 761192**

SI-TEX

T-941 Digital Radar

8.4" color LCD, daylight viewable display with 480 x 640 pixel resolution and anti-reflective glare coating for outstanding viewing. Housed in a sleek, waterproof (IPX5 rating) case design that can be mounted almost anywhere. Features new sophisticated Hyper-Digital Processing™ (HDP) Technology for real-time presentation and superior target discrimination. It virtually eliminates unwanted noise to provide a clearer detailed image of targets and enhances the detection of smaller targets. True-color radar feature displays echoes in different color depending on signal strength. Has two-speed antenna rotation for tracking of quick moving, close-in targets: 48 RPM and 24 RPM (requires 24V DC input). Warning Zone alerts you to "incoming" and "departing" targets breaking your preset guard zone. Dual Range Radar function lets you view split-screen displays of both long and short-range targets simultaneously. Includes 25" radome, 36NM. SIT-T941 **Order# 731243**

SI-TEX

T-760 Touch Screen Color Radar

The T-760 radar is a 7" color LCD display with intuitive touch screen/rotary dial control. Standard 50 target AIS tracking. Standard 10 target MARPA. Multi-speed (16-48 rpm) antenna rotation for optimum performance in real-world conditions. Features include Relative Motion/True Motion/Head-Up/North-Up. Optional color RGB video output. 18" Dome, 48nm. SIT-T760 **Order# 754193**

SI-TEX

Metadata Class B AIS Transceiver Module

Next generation Rmax AIS technology provides state-of-the-art Class B AIS performance in a rugged, compact module. See and be seen with this advanced new SI-TEX AIS solution for any size of vessel. Internal 50-channel GPS smart antenna eliminates need for external GPS. Fully IPx7 waterproof rated and measures only 5.5"X3.9"X1.9". Designed for plug-and-play integration with chartplotters, radars, onboard PCs. Next generation Rmax™ AIS technology for fast signal processing, maximum reception range and real-time decoding of all AIS messages. Built-in NMEA0183 and NMEA2000® interfaces for easy connectivity. Additional USB interface can be used to power module.
SIT-MDA-1 **Order# 748863**

Must be programmed by dealer before shipping

AISLink CA1

ACR

This Class A AIS demonstrates the highest AIS transmission power and the most frequent transmission of AIS information. The transceiver is approved worldwide for both deep sea and inland waterways and features an easy-to-use multilingual graphical user interface. Multi-lingual menu system. Ability to send and receive AIS text messages. Password protection of specific transceiver information. Alarm notification showing active AIS system alarms. Detailed status bar indicating transceiver status. Low Power Consumption. Water Resistant. GPS Enabled. Easy Integration with ECS/ECDIS. Default Frequencies: AIS 1 – 161.975 MHz, AIS 2 – 162.025 MHz. ACR-2665
Order# 760292

Must be programmed by dealer before shipping

White Powder Coated Aluminum Universal Radar Mounts

6" x 6" Base 3/8" Slotted Bolt Holes with light brackt.
SMS-6UL **Order# 148131**

NAUTILUS Marine Fabrication

Aluminum Radar Mount

12", Aluminum
NAU-RMPB **Order# 173465**

SONY marine

MEX-M100BT VCD/MP3/ iPOD/SAT & HD Ready Player

Rock the boat! With 160 Watts of continuous power (40Wx4), the MEX-M100BT ensures you feel every beat and bass line as you cruise along. Play your favorite songs from the front USB by using one-touch listening via NFC to stream music instantly over Bluetooth® or from a CD. Use the SongPal™ app on your smartphone or tablet as a convenient system remote; access, select, and playback the music files stored on your compatible device and even change various audio and system settings. With advanced sound engine, personalize your sound and create the perfect audio experience from all your music sources.
SNY-MEXM100BT **Order# 760452**

SONY marine

MSX-M55BT AM/FM/ Receiver with Bluetooth®

Take to the water with the ultra-versatile DSX-M55BT media receiver. Enjoy rich, dynamic sound with Mega Bass produces rich, punchy sound. Listen from all of your favorite gadgets with USB, Bluetooth® and One-touch NFC connectivity. Take calls hands-free with a built-in mic.
SNY-DSXM55BT **Order# 760456**

SONY marine

MEX-M71BT CD/MP3/iPod/ SAT & HD Ready Player

Connect your Bluetooth® device easily and enjoy hands-free, wireless music. Also provides iPod®, iPhone®, and Android connectivity through front USB and AUX inputs. Advanced EQ7 sound engine. Time alignment. Rear bass enhancer, automatic level optimizer, digital music plus, Quick Browzer™ and Zappin™. UV-resistant marine coating. AM/FM step change. Digital clarity tuner. Memory backup. 3 pre-outs (front, rear & sub) wireless remote. 55 watt x 4 output power. Sirius XM™ ready (tuner not included).
SNY-MEXM71BT **Order# 762598**

MARINE Dual

CD/AM/FM/MP3/ Bluetooth® CD Receiver

Marinized head-unit. CD/AM-FM/MP3. Bluetooth® for calls and music streaming. USB 1A charging. Front aux input. 10 character black/white LCD display. 50Wx4 (200 watts total) 7 EQ presets. Preamp output. Steering wheel control input. MWR15 remote compatible. Wired antenna. Detachable face. Wireless remote control included.
DUA-MCD237BT **Order# 761204**

MARINE Dual

AM/FM/MP3/ Bluetooth® Receiver with Wireless Remote

Marinized head-unit. Mechless/ AM-FM/MP3. Bluetooth® for calls and music streaming. USB 1A charging. Front aux input. 7 character white LCD display. 50Wx4 (200 watts total) 4 EQ presets. Front and rear preamp outputs. Steering wheel control input. MWR15 remote compatible. Fixed face. Remote control.
DUA-MXD337BT **Order# 761205**

MARINE Dual

Digital Media Receiver with 3" LCD and Bluetooth®

This flagship, gauge hole-size receiver features a large 3" TFT, multi-line, full-color LCD. The built-in Bluetooth® supports audio streaming and player control profiles. The receiver is IPX6 waterproof to withstand heavy splashing and rain. Direct control for iPod and iPhone devices is available via the rear USB input. Media playback from select Android devices is also available via USB. One pair of RCA aux inputs and preamp outputs are also located on the back of the receiver. The zero current draw memory back-up saves the boat's battery when idle.
DUA-MGH30BT **Order# 756804**

MARINE Dual

Bluetooth® CD/AM/FM/MP3 Speaker Combo

Marinized head-unit. CD/ AM-FM/MP3. Bluetooth® for calls and music streaming. USB 1A charging. Front aux input. 10 character white LCD display. 50Wx4 (200 watts total) 7 EQ presets. Preamp output. Steering wheel control input. MWR15 remote compatible. Detachable face. Remote Control. Two 6 1/2" speakers. Wired antenna.

Part#	Color	Order#
DUA-MCP1237BT	White	**761199**
DUA-MCP1237BTB	Black	**761198**

MARINE Dual

AM/FM/CD/MP3/ WMA Reciever with Bluetooth® and Gimbal Housing

This robust CD receiver features built-in Bluetooth® with support for hands-free calling, audio streaming and player control profiles. The 3.5mm and USB auxiliary inputs are conveniently located on the front of the receiver. Includes two 6.5" dual-cone 100 watt speakers and universal gimbal housing that guards the receiver against water splashes and the sun's harsh UV rays. DUA-MCP420GH2 **Order# 760134**

MARINE Dual

AM/FM/MP3/ Bluetooth® Receiver with Speakers

Bluetooth® for calls and music streaming. USB playback and 1A charging. Front aux input. 7 character display. 50Wx4 (200 watts total). 4 EQ settings. 2V front & rear preamp outputs. Steering wheel control input. MWR15 remote compatible. Fixed face. Remote control. Two 6.5" speakers. Wired antenna.

Part#	Color	Order#
DUA-MCP1337BT	White	**761203**
DUA-MCP1337BTB	Black	**761202**

MARINE Dual

AM/FM/MP3/Bluetooth® Receiver with Speakers & Splash Guard

Marinized head-unit. Mechless/ AM-FM/ MP3. Bluetooth® for calls and music streaming. USB playback and 1A charging. Front aux input. 7 character display. 50Wx4 (200 watts total). 4 EQ settings. 2V front & rear preamp outputs. Steering wheel control input. MWR15 remote compatible. Fixed face. Remote control. Two 6.5" speakers. Wired antenna. Splash guard included. White.
DUA-MCP1337BTS **Order# 761201**

MARINE Dual

AM/FM/MP3/ Bluetooth® Receiver with Speakers, Wireless Remote & Splash Guard

Marinized head-unit. Mechless/AM-FM/ MP3. Bluetooth® for calls and music streaming. USB 1A charging. Front aux input. 7 character white LCD display. 50Wx4 (200 watts total). 4 EQ Presets. Front and rear preamp outputs. Fixed face. Steering wheel control input. Remote control. Four 6.5" speakers. Wired antenna. Splash guard.
DUA-MCP1374BTS **Order# 761200**

poly-planar WATERPROOF MARINE AUDIO SYSTEMS

Stereo Weather Enclosure

Fully gasketed ABS housing with polycarbonate front cover. Gimbal mount for deck or overhead installation. Stainless steel mounting hardware included. 4" x 9" x 10".

Part#	Description	Order#
PYP-WC400B	Black	**755479**
PYP-WC400	White	**127753**
PYP-WC3	Splash cover	**127752**

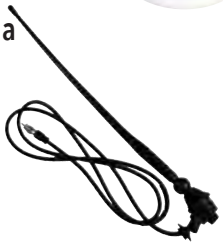
Universal Gimbal Housing

Recessed design accomodates most 1.0 DIN head units. Transparent fold-down door with rubber seal. Fully enclosed design provides protection from the elements. Stainless steel mounting hardware included. Rubber grommets for cable protection. Positive locking door mechanism. One-piece mouting bracket. Fully adjustable mounting angle. Overall dimensions: 9.84" x 5.67" x 11.50".
DUA-MH200 **Order# 756806**

Shakespeare

Galaxy® SiriusXM® Satellite Antenna

Compatible with all radios and docks that work on the Sirius and XM networks with push on style, single input SMB connector. Can be mounted on almost every possible surface with 4 different mounting options. Includes mounting kit.
SHA-SRA-50 **Order# 760041**



Flexible Rubber AM/FM Antenna

Antenna is 16-1/2" tall with 54" cable and180 degree swivel base.
PSE-SEAURB3S **Order# 740422**

JENSEN

AM/FM Amplified Stereo Antenna

Antenna mounts easily using adhesive foam strips and works great in marine applications. Amplified AM/FM radio antenna includes a 7 ft. cable. Dimensions 14-1/2" W x 7/8"H x 3/4"D. JNS-AN150SR
Order# 174209

AM/FM Stereo Antenna

One section 3' antenna. 10' coax cable included. Does not include mount.
SHA-4351 **Order# 130664**

AM/FM Stereo Antenna

On-Glass Antenna is a clear tape with embedded antenna elements. Permanent adhesive strip attaches it quickly and easily onto your boat's windshield or any smooth, non-metallic surface. Comes with a 6' cable and attached Motorola type plug. Excellent for bass boats, ski boats, or any vessel where a traditional whip antenna would get in the way. SHA-4353 **Order# 165604**

SONY marine

Sirius XM™ Tuner

Connect, control, and enjoy Sirius XM™ with this in-dash audio system, no cable adapters needed. Connects to any Sirius XM™ ready Sony stereo. Includes tuner and antenna. SNY-SXV300V1 **Order# 757668**

poly-planar WATERPROOF MARINE AUDIO SYSTEMS

Sub-Compact Box Speakers

Low magnetic field design. Waterproof construction. Dual cones. 80 watts per pair. 4" x 4-1/2" x 4-1/2". Sold in pairs.

Part#	Color	Order#
PYP-MA840B	Black	**755553**
PYP-MA840W	White	**127741**

Mount Almost Anywhere!

poly-planar WATERPROOF MARINE AUDIO SYSTEMS

Integral Grill Waterproof Speakers

Flush Mount Speakers, 80 watts per pair. Round, sold in pairs.

Part#	Size	Color	Order#
PYP-MA4054W	4"	White	**127731**
PYP-MA4055W	5"	White	**160573**
PYP-MA4056B	6"	Black	**127733**
PYP-MA4056W	6"	White	**127734**

poly-planar WATERPROOF MARINE AUDIO SYSTEMS

Compact Box Speakers

WATERPROOF!

Gimbal Bracket Mount Included

360º Gimbal Mounting Brackets

No need to cut holes in your boat. 100 watts of power per pair. S/S grills, polypropylene cones, ABS housing. Sold in pairs. 5" x 7.5" x 5". Black or white.

Color	Part#	Order#
Black	PYP-MA800B	**127739**
White	PYP-MA800W	**127740**

poly-planar WATERPROOF MARINE AUDIO SYSTEMS

High Performance Full Size Speakers

Box speakers, 200 watts per pair. Black or white. Sold in pairs. 6" H x 9"W x 6"D

Part#	Color	Order#
PYP-MA9060B	Black	**127746**
PYP-MA9060W	White	**127747**

Gimbal Bracket Mount Included

poly-planar WATERPROOF MARINE AUDIO SYSTEMS

Gunwale Mount Speakers

Molded, one-piece plastic grill protects the speaker components from splash and spray. The two-way vented port design offers full range response. Frequency Response: 55Hz to 20KHz (2 way) SPL: 86dB Peak Power: 200 watts/pair Speaker Impedance: 4 ohm Weight (each): 3.90 lbs per Speaker Overall Dimension: 10 7/16" x 6" x 5 5/16" Cone Size: 5".
PYP-MA9020 **Order# 743104**

6.5" 2-Way DMS Series Speakers

Santoprene rubber surround. Magnetically shielded weather-resistant woofer. UV impregnated ABS heat-resistant weatherproof grilles. 65 watt RMS power and 175 watt peak power. Stainless steel mounting hardware included. Corrosion and rustproof basket design.
DUA-DMS652 **Order# 756805**

4" 3-Way Indoor/Outdoor Speakers

Polypropylene sub woofer with rubber surround and non-removable grilles. 50 watt RMS power and 100 watt peak power. Rotating logo for versatile mounting options. Two 1/4-20 insert mounts on rear of each speaker. UV treated ABS enclosure. Includes multi-angle mounting brackets. Not waterproof. Sold by the pair.

Part#	Color	Order#
DUA-LU43PB	Black	**756809**
DUA-LU43PW	White	**756808**

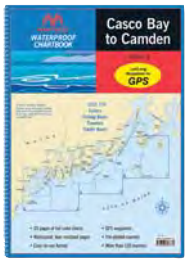
Embassy Cruising Guides

Harbors are indexed by chapters. Marina and facility locations cross-reference quickly with harbor chart segments. Crush-proof spiral binding and wrap-around covers. Marine facilities tables display key information that allows you to find the right facility quickly. They're also cross-referenced to harbor chart segments so you can locate the facility easily. Full-color harbor chart segments show marina approaches and display the locations of facilities in relationship to each other. Bird's-eye aerial photos of harbor entrances. Beautiful pictures highlight local landmarks and the vistas you may see while underway or at anchor.

Description	Order#
New England Coast	167229
Chesapeake Bay to Florida	173069
Florida and Bahamas	747402
Long Island Sound to Cape May, NJ	109968

Waterproof Chartbooks

Made of the same durable material as the waterproof charts. They have more levels of detail than waterproof charts and are ideal for open-console or cockpit use.



Other areas are also available

Part#	Description	Order#
BBA-WPB0210	Penobscot Bay to Mount Desert Island	156411
BBA-WPB0220	Casco Bay to Camden	155907
BBA-WPB0230	Cape Ann to Portland Maine	151225
BBA-WPB0240	Cape Cod to Cape Ann, MA	155885

Waterproof Folding Charts

Printed on high quality, waterproof, synthetic paper. Chart images are crisp & easy to read. Big improvement over large cumbersome charts.

Part#	Description	Order#
BBA-WPC19	Block Is. R.I. to Nantucket	144182
BBA-WPC27	Portsmouth, Great Bay & Is. of Shoals	152202
BBA-WPC36	Cape Ann to Cape Elizabeth, 3-D	140890
BBA-WPC41	Isle Au Haut to Petit Manan	140543
BBA-WPC42	Mt. Desert Island to Machias Bay	140544
BBA-WPC73	Casco Bay	167582
BBA-WPC74	Penobscot Bay	168139
BBA-WPC75	Mt. Desert Island to Stonington	168140
BBA-WPC76	Boothbay	172821

Navigation Training Charts

Waterproof, flip-fold format.

How to use GPS with Charts
Learn how to: read chart symbols and features, plot your position, create your own waypoints, build routes around obstacles, navigate with GPS and charts & use a computer to ease the task.
BBA-25104 **Order# 156647**

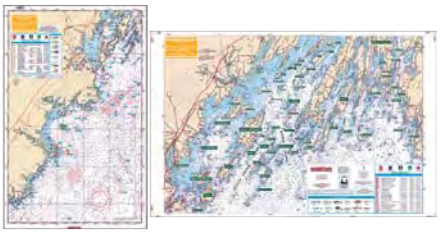
Chart Symbols & On The Water Guide
Topics include: planning on your chart – paper and GPS, above the water, below the water, land, rocks, wrecks & obstructions, depths and heights, aids to navigation, chart features, selecting a safe path & rules of the road.
BBA-WPCTR1 **Order# 168482**

Chart Kit® Books With Companion CD

Used by generations of boaters, ChartKits are full-color reproductions of U.S. government and private charts spiral bound into popular cruising regions. The convenient-sized books are large enough to allow for manual plotting, yet small enough to sit on your nav-station or lap. 17" x 22". Includes CD.

Part#	Description	Order#
BBA-22102	Block Island to Canadian Border	102766
BBA-22103	New York to Nantucket	102767
BBA-22104	Chesapeake & Delaware Bays	102768
BBA-22106	Norfolk VA to Florida	102769
BBA-22107	Florida East Coast & the Keys	102770
BBA-22108	Florida West Coast & the Keys	102771
BBA-22109	The Bahamas	751983
BBA-25112	Weatherproof Vinyl Zip Chart Cover	102790

Waterproof Charts

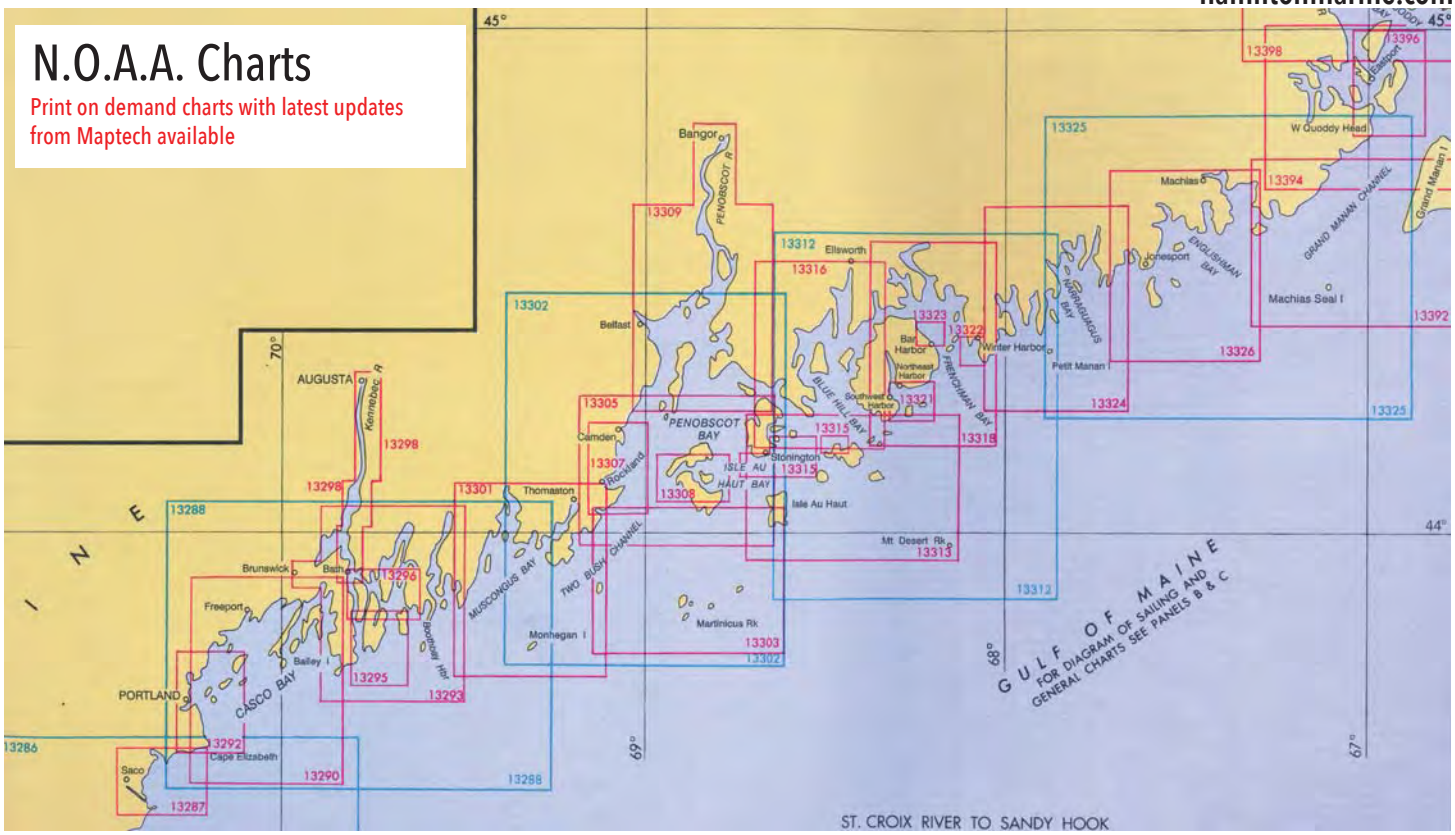


* Includes special fishing features such as bait areas, dozens of GPS coordinates for fishing areas and navigational aids.

Part#	Description	Order#
ISS-101	Casco Bay to Monhegan	120030
ISS-101E	Casco Bay - Large Print	120031
*ISS-101F	Casco Bay to Saco Bay	728179
ISS-102	Cape Small & Bath to Boothbay Harbor	120032
*ISS-102F	Kennebec, Sheepscot & Damariscotta Rivers	728180
ISS-103	Penobscot Bay, Camden & Rockport	120033
ISS-104	Eggemoggin Reach	120034
ISS-105	Mount Desert Area	120035

N.O.A.A. Charts

Print on demand charts with latest updates from Maptech available



Chart#	Description	Order#
13003	Cape Sable to Cape Hatteras	**755782**
13006	West Quoddy Head to New York	**756985**
13009	Gulf of Maine & Georges Bank	**756984**
13260	Bay of Fundy to Cape Cod (not pictured)	**756257**
13272	Boston Inner Harbor	**757096**
13274	Portsmouth Harbor Boston Harbor	**755949**
13276	Salem Marblehead	**757097**
13286	Cape Elizabeth to Portsmouth NH	**757545**
13287	Saco Bay & Vicinity	**757546**
13288	Monhegan Island to Cape Elizabeth	**756258**
13290	Casco Bay	**757245**
13292	Portland Harbor	**756137**
13293	Damariscotta Sheepscot & Kennebec River	**756141**
13295	Kennebec & Sheepscot River Entrances	**756978**
13296	Boothbay Harbor to Bath	**755890**
13298	Bath to Courthouse Point (Before Augusta)	**756979**
13301	Muscongus Bay New Harbor Thomaston	**757563**
13302	Penobscot Bay & Approaches	**756957**
13303	Approaches to Penobscot Bay	**755617**

Chart#	Description	Order#
13305	Penobscot Bay	**755654**
13307	Camden Rockport & Rockland Harbors	**757551**
13308	Fox Island Thorofare	**756013**
13309	Penobscot River	**755655**
13312	Frenchman's & Blue Hill Bays & Approaches	**756014**
13313	Approaches to Blue Hill Bay	**756011**
13315	Deer Island Thorofare & Casco Passage	**756980**
13316	Blue Hill Bay & Harbor	**756380**
13318	Frenchman's Bay & Mount Desert Island	**757552**
13321	Southwest Harbor & Approaches	**757553**
13322	Winter Harbor	**757554** N
13323	Bar Harbor	**756034**
13324	Tibbet Narrows to Schoodic Island	**757556**
13325	Quoddy Narrows to Petit Manan Island	**756035**
13326	Machias Bay to Tibbett Narrows	**756033**
13392	Southern Grand Manan Channel	**756981**
13394	Northern Grand Manan Channel	**756982**
13396	Campobello Island & Eastport Harbor (metric)	**756976**
13398	Passamaquoddy Bay & St. Croix River	**756983**

MAPTECH

Weatherproof Cover for Charts & ChartKits

A clear, vinyl case that holds any chart or chart kit and zips closed for complete protection. You can plot courses right on the cover with ballpoint or Stabilo pen and later wipe it off. Measures approx. 17" x 22".
BBA-25112 **Order# 102790**

Chart Correction Kit

Correct your charts for pennies per change. This transfer kit overwrites old, incorrect chart information. Used on Coast Guard and Navy vessels for years with great success.
TG-CCK **Order# 134225**

DAVIS

Chart Holder

Made of clear, unbreakable polycarbonate. Identification label for quick cataloging of contents. Molded end caps. Tube measures 40" long and 3" diameter. DAV-086 **Order# 107252**

Weems & Plath®
Manufacturer of Fine Nautical & Weather Instruments

Telescoping Chart Case

Reinforced rib design. Twist-lock telescoping feature easily adjusts to accommodate chart lengths from 24 inches to 47 inches. 3 inch diameter, adjustable shoulder strap, threaded cap for extra security. Black plastic.
WEM-080 **Order# 758100**

Weems & Plath®
Manufacturer of Fine Nautical & Weather Instruments

NaviTote

Roll it, fold it or hang it. It works beautifully as a navigation tool caddie at the chart table. Made with a PVC backed polyester duck fabric, for added strength and durability this navigation tool bag incorporates gusseted reinforced pockets and strong hanging grommets. 22-1/2" x 14-1/4".
WEM-325 **Order# 156154**

Weems & Plath®
Manufacturer of Fine Nautical & Weather Instruments

Deluxe One-Hand Dividers
7" brass
WEM-170 **Order# 136305**

Weems & Plath®
Manufacturer of Fine Nautical & Weather Instruments

Straight Pattern Dividers
WEM-172
Order# 136307

Weems & Plath®
Manufacturer of Fine Nautical & Weather Instruments

Ultralight Dividers/Compass
These robustly built dividers weigh only 3 oz. and are heftier than our standard size dividers. Made of brushed aluminum alloy that is coated to resist corrosion. Gear synchronized arms provide excellent point alignment while the center wheel/extension bar construction allows for fast action and precision.
WEM-176 **Order# 136308**

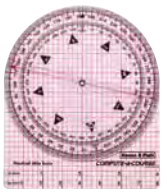
C-THRU®

Divider
4" divider with self-centering gearhead construction permits rapid, accurate setting and operating ease. Has satin matte nickel finish. All components are corrosion resistant.
CT-DI-38 **Order# 106913**

Weems & Plath®
Manufacturer of Fine Nautical & Weather Instruments

Nautical Slide Rule
So simple a child can operate it. Gives immediate solution to all speed-time-distance problems. Equally applicable for nautical or statute miles. Speed in knots or m.p.h. Time in hours, minutes, or seconds. Distance in nautical or statute miles (or yards if desired and if speed is in knots). Easy to read and accurate. Standard in U.S. Navy.
WEM-105 **Order# 136293**

Weems & Plath®
Manufacturer of Fine Nautical & Weather Instruments

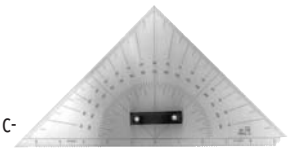


Compute-a-Course
Quick, accurate, convenient & easy navigation. Course plotting, position fixes, distance measuring, logarithmic scale use. Transparent plastic.
WEM-111 **Order# 136294**

Weems & Plath®
Manufacturer of Fine Nautical & Weather Instruments

Protractor Triangle w/Handle
Using two 45° triangles provides an easy method of plotting and doing other chart work. Using protractor scales, triangle is easily aligned in any direction with a chart meridian. Direction is maintained as one triangle is slid along the other to the desired position. Durable, clear Vinylite.
WEM-101 **Order# 136290**

C-THRU®

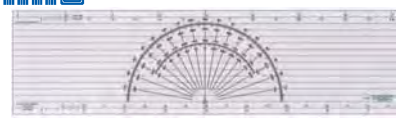


Marine Triangle
8" leg, 45°/90° protractor triangle printed on heavy gauge plastic. Large plastic pickup bar allows for easy positioning. It also has a one-sixteenth inch scale on the top edge.
CT-MT-78 **Order# 106914**

Weems & Plath®
Manufacturer of Fine Nautical & Weather Instruments

Parallel Plotter
Consists of a roller mounted on a plotter with distance scales of 1:20,000, 1:40,000 and 1:80,000 to fit N.O.S. Coast and Harbor Charts. Has an inch scale, semicircular protractor and two quarter-circle protractors. Courses and parallel lines are transformed and kept parallel by means of two rollers mounted on a single axis.
WEM-120 **Order# 136296**

C-THRU®



Course Protractor Plotter
4" x 15" transparent plastic protractor plotter is designed to measure courses and bearings on charts and plotting sheets. Use for drawing a course and bearing from a given point, moving a line parallel to itself or plotting celestial lines in position. Printed in two colors for quick accurate selection of needed points and scales. Calibrated in degrees, nautical miles 1/40,000 and 1/80,000 and also in statute miles 1/40,000 and 1/80,000. CT-P-72
Order# 106915

Weems & Plath®
Manufacturer of Fine Nautical & Weather Instruments

USPS Plotting Kit
This kit includes: One ultralight divider, one USPS plotter, and the USPS basic plotting guide booklet all in a reusable plastic pouch. Complete with comprehensive instructions to help you learn how to use each of the navigation instruments with ease. WEM-350 **Order# 738802**

Weems & Plath®
Manufacturer of Fine Nautical & Weather Instruments

GPS Plotter
A fast and simple way to fix your GPS position on a paper chart. Lat and Long are accurately plotted and marked in two quick steps. Also features protractor markings so it can serve as a conventional plotting device and parallel rule. Clear acrylic for maximum visibility and non-slip grip. One size covers all chart sizes. 6" x 20". WEM-130 **Order# 151334**

C-THRU®

Folding Parallel Rule
Transparent plastic folding parallel rule. Equipped with friction pads to prevent slipping when in use. All metal parts are corrosion resistant. Both sections of the rule are beveled outwards.

Part#	Size	Order#
CT-1500-12C	12"	**106907**
CT-1500-15C	15"	**106908**
CT-1500-18C	18"	**106909**

Universal Plotting Sheets
These are also known as VP-OS sheets. A graduated circle printed at the center allows meridians of longitude to be constructed for any latitude, thus creating a custom-made chart for any geographical location. Pad of 50 sheets - printed both sides. Size 13" x 14"
MTX-VPOS **Order# 151049**

Lighted Magnifier
2x magnifier with a 6x bifocal insert. Includes a super bright LED light. A free pouch is included with purchase. Replaceable button cell battery, easy on/off button, ultra slim design, and light weight.ULT-W-LED
Order# 728401

LED Lighted Magnifier
This 3" round, optical quality, 4x magnifier offers an unbreakable, scratch-resistant lens which is ideal for reading any fine print on contracts, maps, phone books, stamps, etc. LED lighted for brilliant light, this product is perfect for reading in dark or low lighted areas. Requires 3 AAA batteries (not included). ULT-SV-3LPLED
Order# 734675

Pocket Sized Lighted Magnifier
This pocket-sized, optical quality, 7x magnifier is the strongest compact magnifier we offer. It features an unbreakable, scratch-resistant 1-1/2" lens. LED lighted for brilliant light. Requires 3 AAA batteries (not included).
ULT-SV-2LPLED **Order# 762680**

RITCHIE® WetNotes

The perfect outdoor notebook. Completely waterproof! Includes pencil. 45 pages.
RIT-W-50 **Order# 128693**

Pocket Size WetNotes
RIT-W-35 **Order# 142025**

Waterproof Notebook

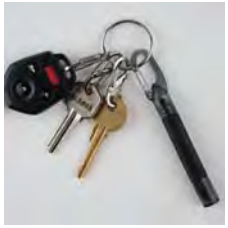
Durable, waterproof tear-proof notebook. Handy survival essentials checklist on back cover. Great for keeping logs in wet environments. Pocket-sized to fit anywhere. 50 page count. Includes pencil.

Part#	Description	Order#
UST-310116	3" x 5"	**755702**
UST-310118	4" x 6"	**755703**

NITE IZE INNOVATION

Inka Underwater Pen

Transparent black pen that will write anywhere. Instrument is also a stylus for touchscreen mobile devices. Replaceable, pressurized, blue ink cartridge. Includes carabiner style clip at top for attaching to key chain or any other convenient place.
NIT-IMP-M1-R7 **Order# 753576**

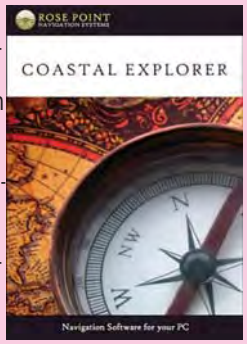


Rose Point Navigation Software

Photo by Wayne Hamilton

Coastal Explorer

Coastal Explorer™ is a sophisticated and full-featured, yet very easy to use navigation software package designed specifically for the pleasure boater. With support for more charts and chart formats than any other recreational navigation system, route planning features with multi-level undo capability, integrated gazetteer and guide books, virtual instrument display, and obstacle alerts, Coastal Explorer will help you make your next cruise safer and more enjoyable. Software requires PC with Microsoft Windows XP, Windows Vista, Windows 7, Windows 8, or Windows 10 (32-bit or 64-bit), 500 MB or more available hard drive space.
RPN-70003 **Order# 749060**



Portable GPS Sensor

The Portable GPS Sensor may be placed near a window and attaches to your PC via a standard USB port. Powered by the SiRF Star III chipset and is contained in a waterproof enclosure. The included drivers work with Windows 8, Windows 7, Windows Vista, Windows XP, and Windows 2000. RPN-60123 **Order# 749061**

DAVIS

Quick Reference Cards

These handy reference cards put a wealth of navigational, piloting and seamanship information at your fingertips. Full color, tough, waterproof plastic. Three hole punched for binder or bulkhead mounting.

Part#	Description	Order#
DAV-125	Navigation Rules	**107254**
DAV-126	Coastwise Piloting	**107255**
DAV-127	International Nav	**107257**
DAV-128	Small Craft Seamanship	**107258**
DAV-131	Weather Forecasting	**107261**
DAV-132	Celestial Navigation	**107265**

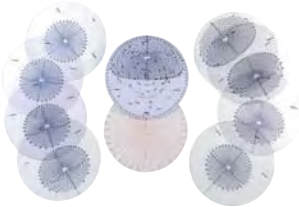
Captain's QuickGuides

On the water, when questions arise, there's no time to search through an exhaustive manual. The Captain's Quick Guides provide all the answers – fast. This laminated Quick Guide presents 14 color panels of authoritative, concise information to help on-board. Waterproof and folded to the size of a small envelope, it's designed for quick reference.

Part#	Description	Order#
ITM-0071440135	Sail Trim & Rig Tuning	**167957**
ITM-0071440941	Boat Handling Under Power	**167944**
ITM-0071445471	On Board Weather Forecasting	**167956**
ITM-0071452206	Emergencies On Board	**167943**
ITM-0071452214	Heavy Weather Sailing	**167955**
ITM-0071423710	Using GPS	**174406**

Weems & Plath®

Manufacturer of Fine Nautical & Weather Instruments



Star Finder 2102-D

This is an invaluable tool for celestial navigators to plan star and planet sights, but it can also be used by amateur star gazers for general star identification. Graphically portrays altitude and azimuth of fifty-seven numbered stars in air & nautical almanacs. WEM-150 **Order# 136303**

DAVIS Master Sextants

Mark 3 Full-sized with sunshades. No optical magnification.
Mark 25 Uses a beam converger, from 1.61" x 1.16". LED light on both arc and drum uses 2 "AAA" batteries.

Part#	Model	Order#
DAV-011	Mark 3	**107247**
DAV-025	Mark 25	**107248**

Bosun's Whistle

To man the sails, go aloft, or defend the ship in action, "All hands on deck" was one of the commands blown by the Bosun's Mates on this whistle or 'call'. Its shape hasn't changed in five centuries. Every bosun call comes with instructions for use, including many signals needed to run a tight ship. 5.12" L x 0.79" W x 0.39" H
AMD-BW001 **Order# 101369**

DAVIS

Vantage Vue™ Wireless Weather Station

Vantage Vue gives you the weather data you need. You'll see current weather conditions, including indoor and outdoor temperature and humidity, barometric pressure, wind speed and direction, dew point and rainfall. You'll also get weather forecast icons, moon phase, sunrise/sunset times, graphing of weather trends, alarms and more. Vantage Vue also boasts the unique Weather Center button that displays additional data on weather variables for today and over the last 25 days.
DAV-6250 **Order# 733460**

DAVIS **Vantage Pro2™**

The Vantage Pro2™ offers forecasting, on-screen graphing, and much more. Quick view icons show the forecast at a glance–sunny, partly sunny, cloudy, rain or snow–while a moving ticker-tape display gives more details. The integrated sensor suite combines our rain collector, temperature and humidity sensors, and anemometer into one package–making setup easier than ever and improving performance and reliability. For improved accuracy, temperature and humidity sensors are housed inside a radiation shield. The shield protects against solar radiation and other sources of radiated and reflected heat. Features: barometric pressure, forecast, inside/outside temp, inside/outside humidity, heat index, dew point, moon phase, rainfall (minutes, hours, days, month, year and storm), rain totals for last 24 hours, wind direction and speed, wind chill, time and date, time of sunrise/sunset.

SOLAR POWERED

Optional Solar Radiation and UV Sensors Available

Wireless Vantage Pro2™
DAV-6152 **Order# 165831**

conant®
Functional Home & Garden Décor

Portable Weather Station

Features a 4" dial with large easy-to-read numerals. Measures both Fahrenheit and Celsius more accurately across a greater range of temperatures. Hygrometer movement measures humidity. Ideal for indoor and outdoor use, portable with stand alone base. No mounting required. Solid brass and glass construction, crystal won't yellow or craze and living finish brass won't peel, flake or rust; patinas with age.
WEM-TH20LFB **Order# 759588**

conant®
Functional Home & Garden Décor

Cardinal Comfortmeter

Made of long lasting anodized aluminum with bronze patina finish. Will not rust; resists corrosion, fading and flaking. Glass is solid, assuring years of crystal clear viewing. For indoor and outdoor use. Eye catching dial with easy-to-read numbers. Measures temperature and humidity. Swivel arm included for easy mounting. 4-1/4" diameter.

Part#	Description	Order#
WEM-COMF3BP	Cardinal	**759430**
WEM-COMF4BP	Hummingbird	**759421**

Dial Thermometer

Accurate mechanism measures Fahrenheit and Celsius. The convex glass crystal assures a clear, readable view of the classic numerals. The swivel arm completes the appearance and is easily mounted on a window, wall or post. 4-1/4" diameter. Long-lasting anodized aluminum and glass construction. Crystal won't yellow or craze. WEM-T6BP
Order# 759423

Large Dial Thermometer

Bronze patina finish. Large 8.5" anodized aluminum dial thermometer with glass crystal. Super-sized and excellent for viewing from a distance. Scale in Fahrenheit and Celsius, range from -30 to 130F. Includes reversible mounting arm & bracket, matching hardware. 10-year warranty. Thermometer can be calibrated. WEM-T10BP **Order# 759425**

Indoor/Outdoor Thermometer

Clean lines and classic elegance are the hallmarks of this reliable thermometer. 1-1/8" diameter x 7-1/2" tall. Long-lasting anodized aluminum and glass construction. Tube won't yellow or craze. Reversible mounting bracket allows for easy mounting, included. WEM-T1BP
Order# 759424

Rain Gauge

This glass dual purpose rain and watering gauge can be stacked in gardens and potted plants or post mounted on fences. Measures up to 5 inches or 120 millimeters of water. 1-3/4" deep x 6-1/2" tall. Bronze patina finish. WEM-VRG1BP
Order# 759427

Weems & Plath®

Manufacturer of Fine Nautical & Weather Instruments

All Weems & Plath clocks come with "AA" batteries and a limited life-time warranty.

Weems & Plath®

Chart Weights

3" diameter

These unique paperweights are the perfect addition to any navigator's station or desk. Choose from a working, liquid filled compass or a quartz clock encircled in a forged brass ring. Each chart weight is brushed and lacquered brass that will not tarnish or show fingerprints. Each weight is felt-lined on the bottom to protect the surface it rests on and prevent slipping.

Part#	Description	Order#
WEM-661	Compass	**156134**
WEM-610500	Clock	**156135**

Weems & Plath®

Endurance™ Collection

Dial 4-7/8", Base 5-7/8", 1-1/2" Depth
Will never tarnish or corrode so it is maintenance free! Weatherproof and designed to be used outdoors. Introduces the new Weems Slide 'n Lock Mounting System with no visible mounting screws that allows for easy removal for adjustments, storage and security. Features a lifetime warranty on finish and movements. The brass case of each instrument is coated with an ultra-hard mirror finish that stands up to tough outdoor conditions. They never need polishing or refinishing.

Part#	Desc.	Order#
WEM-530500	Quartz Clock	**169098**
WEM-530700	Barometer	**169099**
WEM-530900	Comfortmeter	**170379**

Endurance II Collection

Light, strong and durable, features a traditional front opening porthole style case housing and easy-to-read dials. High luster, maintenance-free, ultra-hard brass finish, these nautical, weather resistant instruments are guaranteed to never tarnish. Beveled glass crystal. Traditional porthole front opening bezel. AA battery included. 4" dial, 6" base, 3-1/8" depth.

Part#	Desc	Order#
WEM-510300	Tide & Time	**758605**
WEM-510500	Quartz Clock	**758606**
WEM-511000	Barometer	**758607**

Weems & Plath®

Bluewater™ Collection

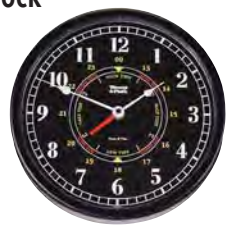
Dial 3¾"x Base 5½"
Real working ship's instruments with a modern nautical appearance. Precision-molded, high-impact black styrene case with hinged, glare-resistant matte finish bezels and glass crystal. O-ring seal, easy access hinged bezel & corrosion-proof case.

Part#	Desc.	Order#
WEM-150300	Quartz Time & Tide	**145369**
WEM-150500	Quartz Clock	**145653**
WEM-150700	Barometer	**145370**

Weems & Plath®

Trident® Time & Tide Clock

10" Dial in a black styrene case. Tide sector calibrated for the U.S. east coast.



WEM-440315
Order# 150669

Weems & Plath®

Oil Trawler Lamps

Solid brass, polished and lacquered. Inside of shade is white stove enamelled.
Burn time: ± 30 hours for both models.
Oil container capacity:
Large - 34 oz.
Small - 10 oz.

Part#	Size	Order#
WEM-8211O	12-5/8"H	**144014**
WEM-8201O	17-3/4"H	**136382**

Chimneys

Size	Order#
Small	**146158**
Large	**151920**

Lamp Fuel Oil

Highly refined liquid paraffin lamp oil. Burns clean, free of odor and smoke.

Part#	Size	Order#
HOLLO-LAMPQT	1 Qt.	**119023**
HOLLO-LAMPGL	Gal	**759766**

Weems & Plath®

Yacht Oil Lamp

Highly polished brass. Can be used inside the cabin or as an anchor lamp in strong wind. Convenient wick adjustment in base. Font is heavy brass and threads into cast base of lamp. Heavy glass chimney is protected by the vertical rods connecting the font with the upper lamp structure. Shown with optional Gimbal Bracket- not included.

Part#	Size	Order#
WEM-600	7" x 2.5"	**136344**
WEM-700	10" x 3.5"	**136353**

Parts & Accessories

Description	Fits Lamp	Order#
Gimbal Bracket	600	**136345**
Gimbal Bracket	700	**136358**
Chimney	700 & 900	**136374**
Wicks (3 pack)	yacht lamps	**136369**

Wall Mount Bracket

Brass, fits 600 & 700 series oil lamps. WEM-751
Order# 136362

Weems & Plath®

Atlantic Gimbaled Oil Lamp

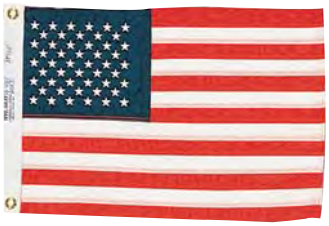
A traditionally styled, high quality gimbaled oil lamp. A subtle yet practical way to illuminate your vessel or make a nautical statement in your home. Constructed of solid brass. Comes complete with 4-way gimbal and smoke bell. Stands alone on table top or slips easily into gimbal. 10" x 5" (with gimbal).
WEM-718 **Order# 136360**

Chimney
Order# 136373

Brass & Copper Anchor Lamp

Ships at anchor signal their position with the classic anchor lamp. They typically have a 360° light radius and must be visible from 2-3 miles. This exceptionally heavy quality reproduction is made in copper with many solid cast brass details.
5.9"L x 7.5"W x 11.8"H.
AMD-SL043
Order# 164847

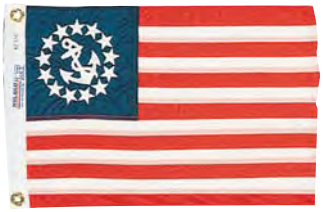
Annin
FLAGMAKERS TO THE WORLD SINCE 1847



Sewn Quality NYL-GLO Nylon U.S. Flags

With embroidered stars and sewn stripes. Canvas heading and brass grommets.

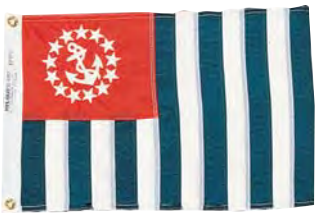
Part#	Size	Order#
DET-002600	12" x 18"	**108614**
DET-002610	16" x 24"	**108615**
DET-002620	20" x 30"	**108616**
DET-002420	24" x 36"	**108606**
DET-002440	30" x 48"	**108607**
DET-002460	36" x 60"	**108608**
DET-002220	48" x 72"	**108610**
DET-002270	60" x 96"	**108611**
DET-002300	72" x 120"	**108612**



Sewn NYL-GLO Nylon U.S. Yacht Ensigns

Sewn stars and anchor. Double stitched stripes. Canvas heading and grommets.

Part#	Size	Order#
DET-251100	12" x 18"	**108702**
DET-251150	16" x 24"	**108703**
DET-251200	20" x 30"	**108704**
DET-251250	24" x 36"	**108705**
DET-251300	30" x 48"	**108706**



Sewn NYL-GLO Nylon Ensigns of U.S. Power Squadrons

Sewn stars and anchor. Double stitched stripes. Canvas heading and grommets.

Part#	Size	Order#
DET-252100	12" x 18"	**108707**
DET-252200	16" x 24"	**108708** N
DET-252250	20" x 30"	**108709**

Official U.S.C.G. Auxiliary Ensigns Printed NYL-GLO Nylon

Part#	Size	Order#
DET-254350	12" x 18"	**108711**
DET-254340	15" x 24"	**108710**

State and International Flags Also Available!

Maine Flags

NYL-GLO nylon flag for outdoor use.

Part#	Size	Order#
DET-142248	12" x 18"	**108626**
DET-142250	24" x 36"	**155791**
DET-142260	36" x 60"	**108623**
DET-142270	48" x 72"	**108625**

Printed NYL-GLO Nylon Canadian Flags

Part#	Size	Order#
DET-281200	12" x 18"	**108633**
DET-191334	24" x 36"	**108631**
DET-191337	36" x 60"	**108632**

Alpha Flag

Double stitched throughout, solid brass grommets & reinforced holes. 100 denier nylon. 20" x 24". NEI-F12 **Order# 164358**

Nylon Diver Down Flags

Part#	Size	Order#
DET-252700	12" x 18"	**143309**
DET-252704	20" x 30"	**148606**

Deluxe Torpedo Float

2 pieces with 14" x 18" flag.
NEI-FL145 **Order# 173798**

2" x 3" Dive Stickers

Dive Flag TDV-DS00
Order# 159155

Alpha Dive Flag TDV-DS70
Order# 159157

Skipper Clips

These stainless steel clips are great for attaching flags, canopies, curtains etc. Includes 4 skipper clips and 4 self tapping screw eyes per package. Can be attached to wood, metal or fiberglass.
TAY-57933 **Order# 120374**

Pro Series Flag Clips

Stainless Steel, spring loaded clips. Sold per pair.
EEM-89421500
Order# 109892

Annin — FLAGMAKERS TO THE WORLD SINCE 1847

U.S. Jack Flags

13" x 15"
DET-256315 **Order# 108700**

20" x 26"
DET-256322 **Order# 108701**

Jolly Roger Flags

36" x 60" DET-379375
Order# 108725

12" x 18" DET-252800
Order# 108726

Guest Flag

12" x 18"
DET-252550 **Order# 108713**

Quarantine Flag

12" x 18"
DET-281145 **Order# 108729**

Coffee Time Flag

12" x 18"
DET-253220 **Order# 732139**

Taylor Made

Cocktail Flag

12" x 18" with brass grommets.
TAY-9118 **Order# 133742**

Flag Pole Sockets

WHITECAP

Brass. Uses 3 #6 fasteners. 10º angle.

Part#	Pole Dia.	Order#
WTC-S5001BC	3/4"	**734037**
WTC-S5002BC	1"	**734038**
WTC-S5003BC	1-1/4"	**734039**

SEADOG LINE

Flag Pole Sockets

Chrome plated brass. Uses 3 #6 fasteners.

Part#	Angle	Pole Dia.	Order#
SD-492211-1	9º	3/4"	**143627**
SD-492212-1	9º	1"	**143628**
SD-492213-1	9º	1-1/4"	**143632**

PERKO

Flag Pole Sockets

Chrome plated bronze. Uses 3 #8 fasteners. MADE IN THE USA

Flush Mount Bow

Flush Mount Stern

Upright Mount Bow

Upright Mount Stern

Part#	Type	Mount	Socket	O.D.	Depth	Order#
PKO-218DP2CHR	Bow	Flush	1"	2-3/8"	1-3/4"	**126939**
PKO-219DP2CHR	Stern	Flush	1"	2-3/8"	1-3/4"	**126942**
PKO-219DP3CHR	Stern	Flush	1-1/4"	2-5/8"	2"	**126943**
PKO-220DP2CHR	Bow	Upright	1"	2-1/2"	2"	**126951**
PKO-220DP3CHR	Bow	Upright	1-1/4"	2-3/4"	2-1/8"	**126952**
PKO-221DP2CHR	Stern	Upright	1"	2-1/2"	2"	**126953**
PKO-221DP3CHR	Stern	Upright	1-1/4"	2-3/4"	2-1/8"	**126954**

Teak Flag Poles

WHITECAP

Part#	Length	Base	Order#
WTC-60748	18"	3/4"	**101081**
WTC-60750	24"	1"	**101082**
WTC-60752	30"	1"	**101083**
WTC-60754	36"	1-1/4"	**101084**
WTC-60756	48"	1-1/4"	**101085**
WTC-60758	60"	1-1/4"	**101086**

Mahogany Flag Pole

Taylor Made

Solid mahogany pole with marine finish. Complete with brass hooks. Has a 5/8"-3/4" stepped base. 24" long.
TAY-951 **Order# 169144**

Stainless Steel Flag Pole Kits

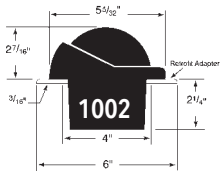
Taylor Made

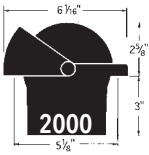
This deluxe flag pole set features highly polished stainless steel from top to bottom. The staff is made from 304 stainless steel. The finial and base are cast 304 stainless steel. The unique flag clips, which are cast from 304 stainless steel, hold your flag taut so it is never tangled.

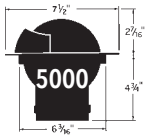
Part#	Length	Order#
TAY-902	18"	**169142**
TAY-903	24"	**170386**

Super Sport

When it comes to high-speed, no-spin performance, no other compass in the world can match Ritchie's SS-1000 or SS-2000. Highly modified versions of our popular Helmsman and Navigator, these compasses offer the ultimate in rugged accuracy for navigating high performance offshore racing boats, sport boats, and sport fishermen. Carries Ritchie's exclusive 3 year warranty.





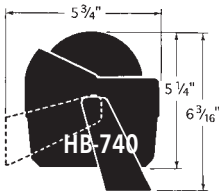


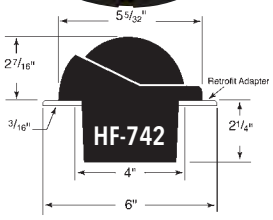
Part#	Dial	Color	Order#
RIT-SS1002W	3-3/4"	White	**128686**
RIT-SS1002	3-3/4"	Black	**128685**
RIT-SS2000	4-1/2"	Black	**128687**
RIT-SS5000	5"	Black	**128688**

Cover for SS-2000
RIT-N203C **Order# 128656**

Helmsman

Accurate, powerful and affordable. 3-3/4" Power Damp Flat Dial, combined with the finest scientifically matched jewels and pivots, built-in compensators and full internal gimbals. Fiberglass reinforced Valox for durability. Built-in night lighting. A movable sun shield blocks the sun's glare. All compasses are 100% repairable. Carries Ritchie's exclusive 3 year warranty. Available in black or white models.





Part#	Mount	Card	Color	Order#
RIT-HB740	Bracket	Flat	Black	**128629**
RIT-HF742	Flush	Flat	Black	**128635**
RIT-HF742W	Flush	Flat	White	**128636**
RIT-HD744	Deck	Flat	Black	**128633**

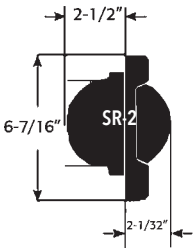
Venture Bulkhead Mount

The Venture SR-2 is designed primarily for sailboats 16 ft. (4.88m) to 36 ft (10.68m) in length.

Features Include:

- 3 3/4" CombiDial. 4 5/8" (118 mm) to 4 13/16" (122 mm) mounting hole.
- Blue LED night lighting. Vertical mounting angle through 40 degrees.
- Clinometer (INC-45) included.
- Steady quick lock-on performance.
- Exclusive 5-Year Ritchie warranty.
- Protective front & back covers are included.

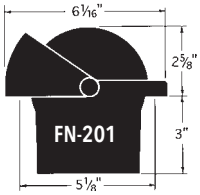
RIT-SR2 **Order# 173626**

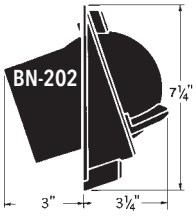


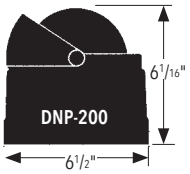
Navigator

For Power or Sail

Big compass size, rugged good looks and affordable. The 4-1/2" Power Damp dial is combined with built-in compensators, full internal gimbals and the finest scientifically matched jewels and pivots for a steady dial. Bulkhead mount offers the new CombiDial with both direct and traditional flat card styles in one. Built-in inclinometer, dual night lights and movable sun shield. All compasses are 100% repairable. Carries Ritchie's exclusive 3 year warranty.



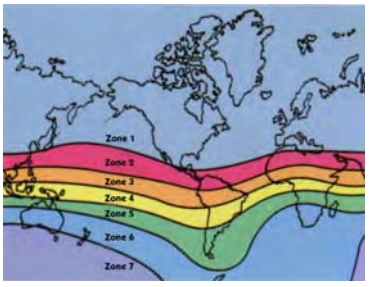




Part#	Mount	Color	Order#
RIT-FN201	Flush	Black	**128624**
RIT-BN202	Bulkhead	Black	**128598**
RIT-DNP200	Binnacle	Polished S/S	**128611**

Balancing Compass Dials

For the ultimate in accuracy, the dials in magnetic compasses should be balanced to compensate for dip caused by the earth's magnetic field. All Ritchie compasses come standard balanced for Zone 1 (essentially all of the Northern Hemisphere). When requesting balancing for Zones 2-7, please indicate the zone most central to your boating area. Once balanced for a specific Zone, the compass will maintain accuracy for one Zone north or south.



Compass Oil

Part#	Size	Order#
RIT-SH-0154	Pint	**128679**
RIT-SH-0040	Gallon	**128676**

Parts & Accessories

Part#	Order#	Description
RIT-BN-C	**128597**	Cover, Bulkhead Front
RIT-N203C	**128656**	Cover, All Other Navigators

RITCHIE® Sport Bracket Mount

An inexpensive compass for smaller boats. The bracket is adjustable, swiveling 300°. The direct read dial is 1-7/8" and has internal night-lighting. Carries Ritchie's exclusive 3 year warranty.

Part#	Desc.	Order#
RIT-X10	Marine	**128695**
RIT-X10A	Automotive	**139493**

RITCHIE® Sport Dash Mount

For powerboats up to 16'. Has 2" direct read dial. 12-volt green night lighting, adjustable to 30°. 2-1/16" mounting hole, 5-year warranty.
RIT-X21BU **Order# 170497**

RITCHIE®
Trek-Series Compass

Ideal for Runabouts, Center Consoles, Ski Boats, Flat Boats, Bass Boats, Cars, Trucks, RVs, and ATVs. 2-1/4" Direct Reading Dial with new graphics and large numerals for easy reading. Choice of bracket or surface models for a variety of mounting options. Three color combinations: Black with Black Dial, White with White Dial or Gray with Blue Dial. Built in Compensators to correct for deviation. Built in, 12-Volt green NiteVu lighting. 100% repairable, exclusive 3-year warranty. RIT-TR

Color/Dial	Surface Mount	Bracket Mount
Black/Black		**149949**
Grey/Blue	**149953**	
White/White	**149954**	**149951**

RITCHIE® X-Port Kayaker

The compass designed for your kayak. 3" CombiDial. CourseMinder movable bezel with heading indicator. Twist On/Off mount for easy transport or storage. Low mounted height. Simple hand tool installation. For kayaks up to 16'. 5-year Ritchie warranty. Black.
RIT-XP99B **Order# 729499**

DAVIS

Illuminated Handheld Compass

Features a liquid-damped compass card graduated in 5° segments and a large contoured handle. Lanyard and instructions included.
DAV-215 **Order# 107272**

RITCHIE®
SportAbout™ Compass

Compact, portable and perfect for reliable navigation in compact boats where space is at a premium. 2" direct-reading dial.
RIT-X11-Y **Order# 128697**

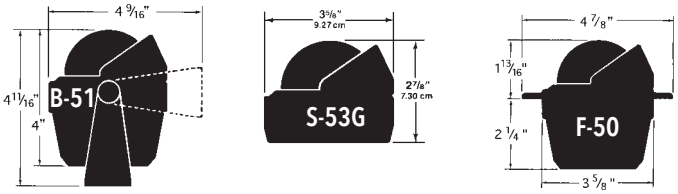
Iris 50

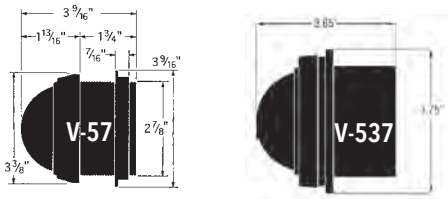
Works as a handbearing and traditional compass. Good protection against hard knocks; smooth finish will not slip, even if it's wet. Outstanding legibility of the card, with one-degree graduations. Prism projects the reading of the bearing to infinity. Superb card stability and wide 20° field of view. Pivot and very hard stone are a guarantee of long life and shock resistance. Built-in photoluminescent lighting, completely maintenance-free, impervious to corrosion, operates without batteries or radioactive tritium. PTO-23117
Order# 157891

PLASTIMO

RITCHIE® Explorer

The most advanced small powerboat compass available today. The Explorer is designed specifically for runabouts, small center consoles and bass boats. The direct read, Power Damp dials are 2-3/4" with built-in compensators and movable sun shield. Carries Ritchie's exclusive 3-year warranty.

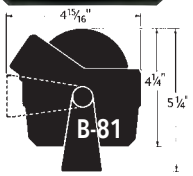


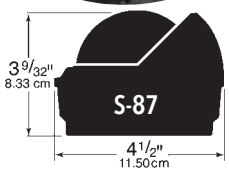


Part#	Mount	Color	Order#
RIT-B51	Bracket	Black	**128593**
RIT-B51G	Bracket	Grey	**128594**
RIT-F50	Flush	Black	**128616**
RIT-S53G	Surface	Grey	**128668**
RIT-V57	Dash	Black	**128689**
RIT-V537	Bulkhead	Black	**165375**
RIT-V537B	Bulkhead	Blue	**165376**

RITCHIE® Voyager

Designed for high speed power boats or larger sail boats. 3" Power Damped flat card or direct-read dials, built-in compensators, internal gimbals and the finest scientifically matched jewels and pivots provide a steady dial and accurate readings. A movable sun shield blocks the sun's glare. All compasses are 100% repairable. Carries Ritchie's exclusive 3-year warranty.





Part#	Mount	Card	Order#
RIT-B81	Bracket	Direct	**128596**
RIT-S87	Surface	Direct	**155529**

A

Aculon 7 x 50

B

Action EX 7 x 50

C

OceanPro Compass 7 x 50

D

Travelite 10 x 25

E

Trailblazer ATB

F

StabilEyes VR 14 x 40

G

Marine 7 x 50

A. Nikon Aculon 7 x 50

Aculon binoculars combine Nikon's multicoated lenses with a host of user-friendly features for an enjoyable viewing experience. Turn-and-Slide rubber eyecups facilitates easy positioning of eyes at the correct eye-point and allows for comfortable viewing during extended periods of use. Aspherical Multicoated Eco-Glass lenses aid in delivering a flat field of view, while lens multicoating enhances image brightness. Durable and protective rubber armored coating for sure grip. Quick, easy central focusing. Ergonomic lightweight design. Tripod adaptable. NIK-8247 **Order# 749103**

B. Nikon Action EX Extreme 7 x 50

Designed to appeal to those who value tough construction and reliable optical performance under even the most extreme conditions. All-metal chassis with lens fittings housed in a tough, lightweight polycarbonate body shell. Nitrogen-filled and O-ring sealed for total waterproof, fogproof and shockproof performance. The binocular body is ergonomically shaped, tripod adaptable and rubber coated for a non-slip grip. Unique, click-stop eyecup design not only delivers long eye relief, but also allows for variable eye relief that is customizable to the user's own eyes & eyeglasses. Central focus with diopter control to correct for normal right/left eye vision imbalance. Apparent Angles of View that are at, or exceed, 60 degrees, making them true "wide angle" binoculars. NIK-7239 **Order# 165969**

C.Nikon OceanPro w/Compass 7 x 50

Nitrogen filled and o-ring sealed to give you a waterproof, shockproof, and fog-proof product. Made with a rubber armored exterior which gives a non-slip grip to prevent sliding on the helm station or console in any weather condition. Tough, lightweight polycarbonate construction, durable enough for various environments. With precision ground lenses that have multiple layers of anti-reflective coatings, they give superior brightness, enhanced resolution, and critical high-contrast. This provides excellent quality even under low light and bad weather conditions. They also give maximum light gathering, with easy focus from the diopter adjustment and large central focus knob. Fold-down rubber eyecups. NIK-8208 **Order# 734381**

D.Travelite Compact 10 x 25

Waterproof (up to 2m/6.6 ft. for 5 minutes) and fog-free with nitrogen gas. Aspherical eyepiece lens eliminates image distortion. High-eyepoint design provides a clear field of view for those who wear eyeglasses. Close focusing distance: 2.8m. Multilayer-coated lenses for brighter images. Turn-and-slide rubber eyecups facilitate easy positioning of eyes at the correct eyepoint. NIK-7278 **Order# 734377**

E. Nikon Trailblazer ATB

Slim, easy-to-carry design and perfect for those on a budget. Giving you generous eye relief, they also come with turn-and-slide rubber eyecups, which allows them to be used while wearing eyeglasses or sunglasses. Manufactured without arsenic or lead, Nikon uses Eco-Glass for all lens and prism elements. Multi-coated lenses for maximum light transmission and image quality. The ergonomic styling, mated with a rubber-armored exterior, provides added shock resistance and a firm grip, which makes them perfect in wet or dry weather. Ruggedness is guaranteed with 100% waterproof and fogproof material.

Part#	Description	**Order#**
NIK-8217	8 x 25	**734379**
NIK-8218	10 x 25	**734380**

F. Nikon StabilEyes VR 14 x 40

Features turn-and-slide rubber eyecups, for added comfort, also allows them to be used while wearing eyeglasses or sunglasses. Manufactured without arsenic or lead, Nikon uses Eco-Glass for all lens and prism elements. Multi-coated lenses for maximum light transmission and image quality. The ergonomic styling, mated with a rubber-armored exterior, provides added shock resistance and a firm grip, which makes them perfect in wet or dry weather. Hand strap and integral finger grooves to reduce user fatigue and aid in operation. Ruggedness is guaranteed with 100% waterproof and fogproof material. Also features "Dual Vibration Reduction". Two operating modes: The "Land-Mode" eliminates blurred and unsteady images from handshake and "On-Board" reduces more severe vibrations common to boats, cars, planes, or other vessels. NIK-8211 **Order# 170727**

G. Pentax Marine 7 x 50

A perfect companion for use on or around water, the Pentax Marine 7x50 binocular is an appealing model for boaters, sailors, fishing enthusiasts and more. This model features a built-in compass with an easy-to-read scale that is enhanced by an LED compass illuminator for low-light or night use. Featuring the ideal magnification and objective lens diameter of 7x50, this binocular features a ranging reticle that determines distance from an object or object size from a distance. This marine binocular offers high quality Pentax construction including nitrogen-filled, waterproof design that thrives in the most extreme weather conditions. PEN-88039 **Order# 738547**

Steiner Heritage™ Warranty
Repair or replace your Steiner optic should it become damaged or defective – at no charge. No warranty card needed, no receipt required. Fully transferable – from generation to generation.

Marine 7 x 50
A

Military Marine 8 x 30
B

Safari UltraSharp 10 x 26
C

Simmons ProSport 8 x 21
D

Sport 7 x 50
E

Explorer 7 x 50
F

Marine 7 x 50
G

Permafocus 7 x 50
Never Needs Focusing!
H

A. Steiner Marine 7 x 50
If you've always wanted a high performance 7 x 50 but weren't ready to invest heavily, leave it up to Steiner to deliver performance at a tremendous value – a world class glass made in Germany for an affordable price. Features fully multi-coated optics for excellent low light performance with a peak light transmission of over 90%. Black rubber armoring provides a sure grip even when wet. Long 20mm eye relief for full field of view with eyeglass or sunglasses. Waterproof and shockproof. The 7x50 Marine will out perform any other binocular in this price category. Features 10-year limited warranty.
STI-0575 **Order# 151835**

B. Steiner Military Marine 8 x 30
The traits that earn Steiner binoculars such respect in combat – incredible toughness, exceptional clarity and reliable optical performance – are found in the civilian STEINER Military-Marine® Series. And, they feature Steiner's Sports-Auto-Focus™ system for crisp, sharp images near and far without constant adjustment. Just set the focus to your eyes once, and you'll have a constant, clear view of objects from 20 yards to infinity. Light and easy to handle and a wide field of view for steady viewing, even on the move.
STI-280 **Order# 760770**

C. Safari UltraSharp 10 x 26
Steiner's world-renowned image clarity, accurate color, low-light capability and field-proven toughness ensure maximum performance from your optics and more pleasure from your pursuit of adventure. 10x magnification shows you more detail from farther away, perfect for sports events and wildlife observation. Heritage™ Warranty is for the life of the product and fully transferable to future owners. No receipt or warranty card required.
STI-4477 **Order# 760769**

D. Simmons ProSport 8 x 21
Addordable is the name of the game for the Simmons ProSport 8x21. Designed for the sports enthusiast who is looking for a quality, entry-level binocular. These binoculars feature high-quality, fully coated optics and BK7 prisms to ensure bright, clear images. The ProSport also features rubber covered surfaces to help protect against the bumps and drops of daily use.
BPO-899853 **Order# 764435**

E. Sport 7 x 50
Lightweight and easy to focus on objects near and far. Perfect for boating, sporting events, bird watching, and sightseeing. Fold-down eye cups, soft black case, padded neck strap, and lens covers included.
WEM-BN10 **Order# 759304**

F. Explorer 7 x 50
Lightweight, waterproof and they float. Illuminated compass and range finder. Includes soft black case, padded neck strap, and lens covers.
WEM-BN20C **Order# 759305**

G. Bushnell Marine 7 x 50
A premier choice for spotting marinas, deadheads or the fisherman's best friend, feeding birds. Built to withstand rugged nautical conditions, they are nitrogen-purged to provide reliable 100% waterproof/fogproof performance. Hermetically sealed to prevent moisture from creeping in. Impressive light transmission from BaK-4 porro prisms, multi-coated optics and large UV-coated objective lenses brighten images at dusk and dawn. They float and the easy-grip rubber armoring provides a secure hold if things get rough.
Without Compass
BPO-13-7501 **Order# 154891**
With Compass
BPO-13-7500 **Order# 154892**

H. Bushnell Permafocus 7 x 50
These affordably priced binoculars are a relief for simple, fixed-focus, long-distance viewing. The wider field-of-view makes them ideal for spectator sports, distant wildlife observation or winter use with gloves. Thanks to quality fully-coated optics the action is bright and crisp and the ergonomic rubber housing means you won't drop them –even with gloves on. Features fully coated optics for superior light transmission and brightness. Unique "Focus-Free" feature stays in focus at most viewing distances. Non-slip rubber armor absorbs shock while providing a firm grip.
BPO-17-5007 **Order# 154889**

Teak Binocular Racks

Small: 7-1/4" x 2-5/8"
WTC-62702 **Order# 101144**

Large: 8-1/2" x 3-1/2"
Designed for compass models.
WTC-62704 **Order# 101145**

Foul Weather Gear Size Chart	XS	S	M	L	XL	2X	3X
Jackets & Pullovers (Chest Size in inches)	32-34	36-38	40-42	44-46	48-50	52-54	56-58
Bibs & Waist Pants (Waist Size in inches)	28-30	30-32	32-34	34-36	36-38	38-40	40-44

GRUNDÉNS

Brigg Jackets

Neoprene Cuff

Double snap storm flap. Heavy cotton twill coated with three layers of cold resistant PVC. Cape sleeve design offers maximum freedom of movement. Chafing gear, soft PU-coated nylon wide inner cuff for extra comfort on the wrists and a unique inner collar which softens the seam at the neck. All jackets include hood. Brigg 40 green also available in 3X, 4X, 5X & 6X.

	Color	Cuffs	XS	S	M	L	XL	2X
B44O	Orange	Neoprene	115986	115984	115983	115982	115985	115987
B44G	Green	Neoprene	161529	161527	161525	151951	155826	149715 N
B40O	Orange	Regular	115970	115968	115967	115966	115969	115971
B40G	Green	Regular	–	142281	115963	144859	115964	115965

GRUNDÉNS

Herkules 16 Bib Pants

Heavy cotton canvas with a cold resistant PVC. Side gusset for adjustable width. Extra wide adjustable elastic suspenders have heavy duty fix-lock fasteners for solid, secure, no tear attachment. Large back divider for comfortable fit. Pant leg is reinforced at the hem for superior tear resistance. Also available in 4X, 5X and 6X.

Part#	Color	XS	S	M	L	XL	2X	3X
GRD-H16O	Orange	116008	116005	116004	116003	116007	116009	116010
GRD-H16G	Green	154381	142282	116000	115999	116001	116002	142455

GRUNDÉNS

Balder 302 Jacket & 504 Bib Pants

Jacket is raglan cut for enhanced comfort, ventilation and mobility on deck. A shaped, longer back panel provides better protection against rain and spray. Visor shaped hood front. Inside-the-hood drawstring adjustment, double storm flaps with hidden press buttons and reinforced sleeve openings. Special reflective accents for increased visibility in the dark. Pants are cut to enhance mobility while improving mechanical ventilation. Width adjustment with snap button. Solid upper panel increases durability and extends the garment's service life. Heavy-duty eyelets for the attachment of fishing tools. Roomy inside security pocket and reinforced leg cuffs to prevent wear in this critical area and a new bib suspender/buckle design that prevents unintended release while making it easy to dress for action.

Part#		S	M	L	XL	2XL
GRD-B302	Jacket	754281	754282	754283	754284	754285
GRD-B504	Pants	754276	754277	754278	754279	754280

GRUNDÉNS

Women's Sedna 462 Jacket & 510 Bib Tousers

Grundéns first commercial grade rain gear designed specifically for women. Built to the same standards as all Grundéns Pro gear with an all new fit based on feedback from women fishermen. Attached adjustable visor hood with easy pull cord locks, reinforced neoprene cuffs, reflective striping on shoulders for added safety and visibility. Trousers feature reflective striping on leg cuffs for added safety and visibility. Heavy duty suspenders with quick release clips & heavy duty eyelets can be used for the attachment of fishing tools.

Part#		S	M	L	XL
GRD-S462O	Jacket	759798	759796	759791	759800
GRD-S510	Trousers	759810	759809	759808	759811

GRUNDÉNS

Apron

Heavy duty PVC on cotton apron. For heavy commercial use. Orange.
GRD-H115 **Order# 115998**

White plastic economy apron. CPP-W-45
Order# 175971

GRUNDÉNS

Heavy Duty Barvell

Oil & flame resistant skirt.
GRD-298 **Order# 115948**

GRUNDÉNS

Extreme 1600 Pants

Heavy cotton twill base material, coated with a specially formulated PVC, designed to resist oils and to maintain flexibility in extremely cold temperatures. Features layers made of a woven nylon base fabric with PVC on both sides. From the top of the bib to below the waist there is a triple layer of material and below the waist to below the knees there is a double layer.
GRD-1600

S	M	L	XL	2XL
160359	160360	160361	160366	160368

GRUNDÉNS

Harvestor 17 Bib Pants

A woven synthetic base fabric with PVC applied to both sides. Abrasion and tear resistant. Strong, long wearing and mildew resistant. Features inside pocket, no vertical chest seam and reinforced hems with heavy duty nylon webbing. Double reinforced front section, triple reinforced knee with pocket for foam kneepads & speed clip suspenders. GRD-H17

S	M	L	XL	2XL
161769	161767	161765	161771	161761

Lobsterman's Balm

All natural ingredients provide supreme moisture. Lip balm contains peppermint & menthol to keep your lips cool & smooth. Skin balm contain tea tree oil & lavendar for skin that's exposed to cold, wind, sun & water.

Type	Order#
Lip Balm .18 oz	759223
Skin Balm .66 oz	759224

GRUNDÉNS

Sleeves

Heavy Weight Orange with Elastic Cuffs.
GRD-C25 **Order# 115993**

Heavy Weight Orange with Neoprene Cuffs.
GRD-C260 **Order# 115994**

Neoprene Wristers

3mm thick

S	M	L	XL
124915	**124914**	**124913**	**155685**

GRUNDÉNS

Replacement Suspenders

For Grundéns bib pants. GRD-SUS16NEW
Order# 116044

GRUNDÉNS

Belt

Elastic. Adjusts from 5" to 38". Stretches to 60".
GRD-BELT **Order# 156109**

GRUNDÉNS

Foam Kneepads

Ergonomic kneepad system can be added to any Grundens pants with the integral top loading kneepad pocket. These concealed kneepads offer impact protection and kneeling comfort without inhibiting freedom of movement. GRD-KNEEPADS **Order# 161457**

GRUNDÉNS

Patch Kit

1 oz. tube of AquaSeal urethane repair & adhesive sealant and 2 pieces of PVC fabric, orange & green (3.5" x 5.5") GRD-PATCHKIT **Order# 116025**

GRUNDÉNS

Gage Deck Knife

The Gage deck knife features a sheath with a belt clip and a secure clamp so it can be worn in a variety of ways including fastened to the suspenders of bib pants or waders. Then we put the fisherman's most popular serration on a thin 440 stainless blade and gave it a bigger, easy to hold ergonomic handle to produce what we think will be the best affordable knife for the professional fisherman and avid outdoors man. Red/Black GRD-GTKNIFE **Order# 755234**

Net & Twine Knife

"Little Vicky" 3.25" serrated blade, red handle.
SAB-40603 **Order# 165434**

Sheath for "Little Vicky" Knife. Clips to belt.
SAB-40993 **Order# 165435**

Knife Sheath

Hang a knife on your belt or upside down on your foul weather pant suspenders. The unique design allows you to grab the knife, when mounted by the shoulder, and draw it downward away from the face and neck. One hand operation is very useful when tangled in line. Fits 3" serrated utility knife (RHC-15573), 3" serrated knife (RHC-161) and 3.25" serrated knife (SAB-40603).
HML-SHEATH **Order# 749724**

Knife with cushioned rubber handle
HML-KNIFE-M **Order# 172011**

Molded handle only
HML-KNIFE-MH **Order# 762605**

GRUNDÉNS

Sund Fleece Hooded Pullovers

The ultimate combination of 100% waterproof polyurethane and a warm, knitted polyester fleece makes this jacket a comfortable, flexible fit, even if wet. Corduroy collar, neoprene cuffs, chest pocket, shock cord waistband and full neck gusset.

Color	S	M	L	XL	2XL
Navy	**166105**	**166106**	**166110**	**165664**	**165770**
Yellow	**161843**	**161844**	**161845**	**161846**	**161847**

GRUNDÉNS

Gage Ragnar Hooded Jacket & Pullover

Softshell hybrid (25% three-layer windproof, water resistant, breathable softshell/75% waterproof PVC), fully welded seams, neoprene cuffs, 1/4 front zipper, two handwarmer pockets, interior chest pocket, GAGE Halo hood system, push button internal hood and hem cord lock, shock cord hem adjustments.

Part#		S	M	L	XL	2XL	3XL
GRD-RJ90	Pullover	**742584**	**742583**	**742582**	**742585**	**742587**	**742588**
GRD-RJ99	Jacket	**742592**	**742591**	**742590**	**742593**	**742595**	**–**

GRUNDÉNS

Clipper Junior Heavy Duty Rain Gear For Kids!

Cotton twill base material with PVC coating. Resists oil and remains flexible in extremely cold temperatures. Attached hood, raglan sleeves, covered snaps and storm flap. Orange.

Jacket GRD-C282
Bib Pants GRD-117

Size	8	10	12	14	16
Jacket	**161379**	**161381**	**161383**	**161385**	**161387**
Pants	**151416**	**150106**	**161839**	**161840**	**161841**

GRUNDÉNS

Zenith Medium Duty Rain Gear For Kids!

Knitted polyester base material PU polyurethane layer. Surprisingly tough, this fabric is suitable for many activities. Attached hood, raglan sleeves, covered snaps, reflective stripes.

Jacket GRD-293 Bib Pants GRD-294

Color	Type	2	4	6	8
Orange	Jacket	**161445**	**140265** N	**140266**	**162525** N
Orange	Pants	**161493**	**140267**	**140269**	**162527**
Blue	Jacket	**161447** N	**161449**	**161451**	**162881**
Blue	Pants	**161487**	**161489**	**161491**	**162528**
Yellow	Jacket	**161453**	**161455**	**155357**	**–**
Yellow	Pants	**161497**	**161499**	**155358**	**–**

GRUNDÉNS **Sou'wester**

Stiff wide brim with permanent crease in front for water run off. Adjustable, elasticized chin strap. Cotton lined PVC. Machine washable. GRD-S21

	S	M	L	XL
Fits Hat Size	6-3/4 - 7	7 - 7-3/8	7-3/8 - 7-3/4	7-3/4 - 8-1/4
Black	**143791**	**116027**	**116026**	**116028**
Green	**116031**	**116030**	**116029**	**116032**
Orange	**116035**	**116034**	**116033**	**116036**
Yellow	**116039**	**116038**	**116037**	**116040**

Guy Cotton Size Chart	XS	S	M	L	XL	2X+
Height	Less than 5'3"	5'3"-5'6"	5'6"-5'9"	5'9"-6'2"	6'2"-6'4"	more than 6'4"
Weight	Less than 115lbs	115-136	136-158	150-178	168-200	more than 200

X-Trapper Jacket & Bib Trousers

Jacket has added comfort without compromising solidity at critical parts (low front and sleeves). NP rip stop orange fabric combined with a more flexible fabric on the shoulders and in the back. Nylon front zipper under Velcro® flap. Concealed elasticized cuffs with snap adjustment. Deep hood with brim and draw cord. Trousers have ripstop fabric. Double thickness on all of the front, triple thickness on the chest and knees. Pocket for knee pads. Velcro® closure at bottom of legs. Adjustable elasticized suspenders. High frequency welded seams.

		Color	S	M	L	XL	2XL
GYC-VXT	Jacket	Orange	**162910**	**162911**	**162912**	**162913**	**162914**
GYC-XTR	Pants	Orange	**162916**	**162917**	**162918**	**162919**	**162921**
GYC-XTR-B	Pants	Blue	**729439**	**729438**	**729437**	**729441**	**729442**

Barossa Fisher Bib Trousers

Symmetrical cut both front and rear. Reversible bib and braces. Elastic braces with fixlock to front and rear. Inside knee-pad compartments. Flexible fabric with generous coating, highly resistant to oils, grease and wear and tear. Very tough and comfortable thanks to the interior textile.
GYC-BARFI-

Size	Order#
Large	**759336**
XLarge	**759337**

Spare suspenders for bib trousers. Includes back separator and 4 male buckles.
Order# 167860

X-Trapper Rock Bib Trousers

Double layer on the whole front with the outside layer in an exclusive rip stop Nylpeche fabric. Triple layer in Nylpeche on the chest and front upper legs. Elastic side adjustment. Back layer in a strong cap coz fabric. Inside chest pocket. Bottom of legs reinforced. Heavy duty fixlock buckles and adjustable suspenders. Color: Orange/Green.
GYC-ROC

M	L	XL	2XL
740196	**740197**	**740198**	**740199**

Bristol Bay

Tough PVC shell backed with cotton for comfort. All pieces are triple welded & riveted for added strength. PVC is treated with softeners to stay flexible at low temperatures and has motor oil protection added to fight delamination. Jackets have built in double flap system to keep water out. Bib pant has an Oxford Nylon second layer to stand up to high abrasion & heavy use (over 1mm thick!).

Orange or Green

	S	M	L	XL	2XL	3XL
Orange Jacket	**146075**	**146100**	**146102**	**146104**	**146076**	–
Orange Pants	**146087**	**146108**	**146109**	**146110**	**146088**	**146089**
Green Jacket	**146081**	**146105**	**146106**	**146107**	**146082**	**146083**
Green Pants	**146090**	**146111**	**146112**	**146113**	**146091**	**146092**

IsoPro Jacket

This waterproof jacket features the Isolatech insulation system which uses the double glazing principle. An insulating membrane covers all the body parts in contact with the jacket and the condensation is greatly reduced. It features a "magic hood" that does not obstruct your vision or restrict your movements. It is also possible to wear a helmet under the hood. Heavy duty zip under double self grip flap. Adjustable elasticized cuffs. Blue/Yellow.

M	L	XL
729444	**729446**	**729447**

Arctic Hoodie

Four times more wind resistant than traditional fleece. Warmth without weight. Water repellent. Highly breathable; body moisture vapor passes through. Polartec® Hardface® Technology dramatically increases abrasion and snag/pick resistance, enhances durable water repellency, creates a smooth surface for easy layering and maintains a uniform afterwash appearance. Machine washable. GYC-ARS-

M	L	XL	2XL
733056	**733057**	**733058**	**733059**

Fish Pink T-Shirts & Sweatshirts

New!

Designed to raise money for the fight against breast cancer. 10% of the proceeds will go the the Breast Cancer Research Foundation® (BCRF). Gray.

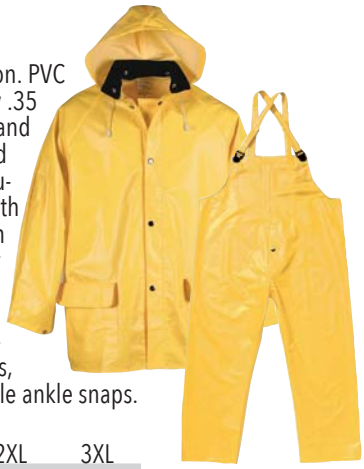
	S	M	L	XL	2XL
Crab T-Shirt	**764212**	**764213**	**764214**	**764215**	**764217**
Crab Sweatshirt	**765323**	**765324**	**765325**	**765326**	**765327**
Lobster T-Shirt	**764208**	**764209**	**764210**	**764211**	**764218**
Lobster Sweatshirt	**765328**	**765329**	**765330**	**765331**	**765332**

Cloverleaf PVC Rain Gear

Waterproof PVC zippered jacket with button flap, hood with drawstring, elastic wristbands and reflective strip on back. Rain bib overalls have elasticized waistband on back and adjustable shoulder straps for a snug fit. Also features a front chest pocket with Velcro® flap. Jacket or Pants

	S	M	L	XL	2XL
Jacket, Blue	**746973**	**746974**	**746975**	**746976**	**746977**
Pants, Blue	**746978**	**746979**	**746980**	**746981**	**746982**
Jacket, Orange	**746988**	**746989**	**746990**	**746991**	**746992**
Pants, Orange	**746983**	**746984**	**746985**	**746986**	**746987**

Handyman Rain Suit



100% waterproof and windproof protection. PVC & polyester constructed. Industrial quality .35 mil. PVC material is treated for flexibility and fish/motor oil resistance. Generously sized for working comfort. Jacket features corduroy collar for comfort, detachable hood with drawstring adjustors, front storm flap with brass snaps, back and underarm vents for breathability, adjustable wrist snaps, two patch storage pockets and has welded seams for durability. Pants feature adjustable waist and suspenders, snap fly access, welded seams for durability and adjustable ankle snaps. VKN-2110Y

S	M	L	XL	2XL	3XL
734029	734030	734028	734031	734032	734033

Journeyman Jacket & Pants

Made from 420 denier rip stop nylon/PVC. 100% waterproof, windproof & machine-washable. Double stitched, taped & heat-sealed seams to ensure waterproof protection. Jacket is mesh lined for comfort with four vents on the front and four on the back for breathability. Heavy duty zipper covered with a storm flap, chest cell phone pocket, reflective piping on the front and back, lined zippered pockets, lined detachable hood & fleece collar. VKN-330

	S	M	L	XL	2XL
Yellow Jacket	172306	172307	172308	172310	172311
Yellow Pants	172314	172315	172316	172317	172318
Green Jacket	172286	172291	172292	172293	172294
Green Pants	172322	172323	172324	172325	172326

Soft Shell Jacket

New!

Soft shell jacket. Anti-pill micro-fleece lined collar for greater comfort. Waterproof zippers on lower front and chest pockets. Interior iPod pocket and storage pocket. Side insert gussets for greater mobility. Elastic draw cord with toggle adjusters concealed inside waist band. Adjustable anti-snag Velcro® wrist straps help to seal out weather. Drop back tail. Black.
VKN-406BK

S	M	L	XL
762630	762631	762632	762633

ArcticLite Jacket

New!

Soft shell jacket. Anti-pill micro-fleece lined collar for greater comfort. Waterproof zippers on lower front and chest pockets. Interior iPod pocket and storage pocket. Side insert gussets for greater mobility. Elastic draw cord with toggle adjusters concealed inside waist band. Adjustable anti-snag Velcro® wrist straps help to seal out weather. Drop back tail. Black. VKN-408BK

S	M	L	XL
762634	762635	762636	762637

Womens' Creekside Jacket

New!

Constructed from top quality and hi tech polyester material/PU shell with fully lined berber fleece interior making the jacket comfortable and durable. Blue.
VKN-880PB

S	M	L	XL
762638	762639	762640	762641

Surrey Rain Coat and Bib Overalls

Constructed of rugged .50-mm, polyester-backed PVC fabric. Waterproof and wind resistant, it's built Carhartt tough; the seams are electronically welded and the major seams are also sewn for extra strength. Double-front storm placket with inside and outside protective flaps, and neoprene inner-sleeve cuffs with adjustable hook-and-loop closures. The left-chest pocket and two lower-front pockets also protect items from wetness. Snap on/off detachable hood and reinforced elbows for strength. Bib overalls feature adjustable suspenders with snap closures, snap-adjustable waist and leg openings, and adjustable-length inseams with cut-off seams. Tough, too, there's a chap-style double front and reinforced seat. Inside knee-pad pockets with hook-and-loop closures. For dry storage, the overall includes an inside bib pocket with zipper closure. Green.

Coat CRH-100100300
Overalls CRH-100101300

	S	M	L	XL	2XL
Coat	747193	747194	747195	747196	747198 N
Overalls	747199	747200	747201	747202	747203 N

Mayne Waterproof Coat & Bib Overalls

Treated with Rain Defender, water slides right off the Carhartt Men's Mayne Rain Coat. .35mm-polyester back PVC is waterproof and features electronically welded seams with major seams also sewn for durability. Attached hood with adjustable drawcord and two lower front pockets with hook-and-loop closures. The weather won't slow you down with the Mayne's protection. Bib overalls feature adjustable suspenders with buckle closure. Snap-adjustable waist and leg openings. Reversible front-to-back design. CRH-10107

	S	M	L	XL	2XL
Coat	752575	752576	752577	752578	752579
Overalls	752580	752581	752582	752583	752584

DriDucks Basic Rain Suit

Ultra lite waterproof, breathable, non-woven polypropylene construction. Bilaminated technology with welded waterproof seams and sweat-free breathability. The jacket features a raglan sleeve/full cut design, Attached hood w/draw cord, full zippered front with locking zipper and storm flap and elastic comfort sleeve openings. FTG-DS1204

Color	S	M	L	XL	2XL
Yellow	–	732813	732814	732815	732816
Blue	732818	732819	732820	732821	732817

Petrus Heavy Duty Safety Work Gear

Knitted polyester base fabric with polyurethane. Abrasion and tear resistant, has good stretch characteristics, is strong, long wearing and mildew resistant. Petrus HD 44 jacket has an attached hood with drawcord, full cape sleeve design for unrestricted movement, double secure storm flap, chin strap and reinforced cuffs. Built-in neoprene cuffs for a snug, dry fit around the wrists.
GRD-PHD44-HV

S	M	L	XL
729254	729252	729185	729255

GRUNDÉNS

Hooded Sweatshirts

10-oz, 90/10 cotton/poly, low pill, high-stitch density fabric, double-ply hood, grommets, matching drawcord, set-in sleeves, cover-seamed armholes and waistband, spandex added to waistband/cuffs; pouch pocket. Other sizes available upon request.

Back View

Style	Logo	Shirt	S	M	L	XL	2XL
Eat Fish	White	Black	**166848**	**166849**	**166850**	**166851**	**166852**
Eat Lobster	White	Black	**172037**	**172038**	**172039**	**172040**	**172041**
Eat Lobster	Pink	Black	**734624**	**734625**	**734626**	**734670**	**734671**
Eat Lobster	Black	Pink	**751578**	**751579**	**751580**	**751581**	–
Eat Scallops	White	Black	**172640**	**172639**	**172638**	**172641**	**172642**
Eat Crab	White	Black	**736111**	**736110**	**736109**	**736114**	–

Eat Fish Wear GAGE Sweatshirt

This version of the classic Eat Fish gear features a collage of fishing activity as the background. 9.3-ounce, 50/50 cotton/poly; no-pill air jet yarn, double-needle stitching, double-lined hood with dyed-to-match drawcord, set-in sleeves, rib knit cuffs and waistband with spandex, front pouch pocket.
GRD-GFHSB

Back View

S	M	L	XL	2XL
747808	**747810**	**747811**	**747813**	**747815**

GRUNDÉNS

1/4 Zip Sweatshirt with Collar

9-oz, 50/50 cotton/poly, cover-seamed waistband, brass-look plastic zipper, set-in sleeves. Large logo on back, smaller one on the front left chest. Black. GRD-EFZ

Style	S	M	L	XL
Eat Fish	**166843**	**166844**	**166845**	**166846**

GRUNDÉNS

Eat Fish & Eat Lobster Black Hooded Sweatshirts for Kids!

KIDS

Style	S/6-8	M/10-12	L/14-16
Eat Fish	**175680**	**175681**	**175682**
Eat Lobster	**175677**	**175678**	**175679**

GRUNDÉNS

Gage Fogbow Poly Tech Hooded Sweatshirt

The GAGE Technical Fleece used in this Fogbow Hoody makes a fantastic replacement for old school cotton sweatshirts still frequently worn as a layering piece under rain gear. At 300 gsm, this technical garment is on the hearty side to guarantee warmth when it is needed most. With a hard smooth face and a moisture wicking soft brushed inside, it's designed to keep you warm and block the wind. UPF 50, front pouch pocket & hidden zippered pocket. GRD-FPBH

S	M	L	XL	2XL
754035	**754036**	**754037**	**755572**	**754038**

New!

GRUNDÉNS

Grundies Base Layers

Grundies base layers are a fantastic upgrade to the ever-popular base layer and mid-layer: Fiske Skins and Arctic Skins. The new Grundies base layer is made from a super comfy and high performing merino wool, polyester hollow core and spandex blend that guarantees to keep you toasty under any Grundéns rain gear. This all new style combines the light weight of the Fiske Skin with the warmth retention and comfort of the Arctic Skins. Slate gray.
GRD-GB Crew Shirt or Pants

	S	M	L	XL	2XL	3XL
Shirt	**762655**	**762656**	**762657**	**762658**	**762659**	**762660**
Pants	**762649**	**762650**	**762651**	**762652**	**762653**	**762654**

GRUNDÉNS

Sweatpants

9-oz, 50/50 cotton/poly, generous side-entry bag pockets; two-needle covered elastic waist with interior drawcord, elastic cuffs, front and back rise differential. Black.

Style	S	M	L	XL
Eat Fish	**175539**	**175540**	**175541**	**175542**
Eat Lobster	**175533**	**175534**	**175535**	**175536**

GRUNDÉNS

New!

Women's Maris Hoodie & Leggings

An insulating layer designed to be worn under bibs and rain gear. Constructed with breathable 200g/m2 poly fleece using flatlock comfort stitching and four-way stretch fabric that provides comfort and warmth all day long. Hoodie features a high neck drop hood, moisture wicking interior, thumb loop cuffs and zippered front pocket pouch. Leggings feature a moisture wicking interior. Black.
GRD-LMHBS Hoodie
GRD-LMLBS Leggings

	S	M	L	XL
Hoodie	**762665**	**762666**	**762667**	**762668**
Leggings	**762661**	**762662**	**762663**	**762664**

GRUNDÉNS

Gage Trucker Hats

Cotton/Poly Blend, GAGE logo patch, mesh back, one size adjustable fit.

Part#	Color	Order#
GRD-HGTR	Black	**759328**
GRD-HGTRC	Camo	**761700**

Knit Hats

Acrylic. One size fits all.

Type	Style	Color	Order#
Beanie	Eat Fish	Black	**173061**
Beanie	Eat Lobster	Black	**729169**
Flap Hat	Eat Fish	Black	**173060**
Flap Hat	Eat Lobster	Black	**730484**

GRUNDÉNS

Travel Mugs

High quality 16 oz. stainless steel lined travel mug.

Style	Order#
Eat Fish	**175213**
Eat Lobster	**174311**

GRUNDÉNS

Weather Boss Work Wear

Waterproof & breathable 500 denier nylon fabric with taped seams. Attached three piece hood with hood height adjuster & concealed hood drawcords. Inside lightweight mesh lining & two internal pockets. Snug inner cuff & Velcro® adjusting strap on the outer cuff. Drop tail hem for better backside coverage with a shock cord tension adjuster that leads into the inner hand warmer pocket. The pants feature easily removable elastic suspenders, two handwarmer pockets with zipper closures & two cargo pockets with Velcro® closures. Double reinforced knees have a slot to accept the Grundéns foam kneepads (sold separately). Internal gator for a snug fit around boots and a bottom zipper so that you can put them on or take them off without removing your footwear.

Jacket
Pants

	S	M	L	XL
Jacket	**729219**	**729221**	**729187**	**729216**
Pants	**729208**	**729213**	**729188**	**729214**

GRUNDÉNS

Deck Boss Ultimate Bib Pant

Designed to withstand the abrasion of wire, barnacles, scallops, rock, concrete and steel better than any commercial product on the market today. These bibs will not clean as easily as PVC but they will wear like iron. If your work environment cuts normal bibs to shreds you owe it to yourself to give the Deck-Boss a try. Features 2-inch elastic suspenders, cargo pocket, inside chest pocket, neoprene cuffs with Velcro® cinch for snug fit around boots, high cut for maximum chest protection. Waterproof breathable fabric is 600 Denier Nylon for superior abrasion resistance and long wear.

	S	M	L	XL	2XL
Black	**741092**	**741093**	**741094**	**741095**	**741096**

GRUNDÉNS

Outdoor Logo T-Shirts

50/50 cotton poly blend t-shirt. Grundens Gage logo featured small on front left chest and large across the back.

	S	M	L	XL	2XL
Charcoal Heather	**759848**	**759849**	**759850**	**759851**	**759852**
Turquoise Heather	**759854**	**759855**	**759856**	**759857**	**759858**

GRUNDÉNS

Women's Bling T-Shirts

These quality black women's T-shirts boast the popular Eat Lobster Grundens artwork in rhinestones. You'll sparkle like a diamond ring every time you wear this unique, attractive garment. GRD-BELTB

Style	S	M	L	XL	2XL
Eat Lobster	**745591**	**745592**	**745593**	**745594**	**745595**

GRUNDÉNS

T-Shirts

These logos were developed to remind those who see it that we should all eat fish and appreciate those who make that simple joy possible. 6.1-oz, 100% cotton jersey; seamless double needle collar, taped neck and shoulders, double needle sleeve and bottom hem. Large logo on back, smaller one on the front left chest.

Style	Color	Logo	S	M	L	XL	2XL
Eat Crab	Black	White	**736118**	**736117**	**736119**	**736120**	**736121**
Eat Fish	Black	White	**172032**	**172033**	**172034**	**172035**	**172036**
Eat Fish	Black	Pink	**735988**	**735989**	**735990**	**735991**	**–**
Eat Lobster	Black	White	**172047**	**172048**	**172049**	**172050**	**172051**
Eat Lobster	Black	Pink	**735993**	**735994**	**735995**	**735996**	**735997**
Eat Lobster	White	Navy	**172042**	**172043**	**172044**	**172045**	**172046**
Eat Scallops	Black	White	**172229**	**172228**	**172227**	**172226**	**172225**
Eat Scallops	White	Navy	**172234**	**172233**	**172232**	**172231**	**172230**
Eat Tuna	Black	White	**736130**	**736129**	**736128**	**176871**	**736131**

GRUNDÉNS

Long Sleeved T-Shirts

6.1-ounce, 100% cotton jersey; seamless double needle collar, taped neck and shoulders, double needle sleeve and bottom hem. Large logo on back, smaller one on the front left chest. Black.

Style	S	M	L	XL	2XL
Eat Fish	**175353**	**175354**	**175355**	**175356**	**175357**
Eat Lobster	**175360**	**175361**	**175363**	**175364**	**175365**

Full Line of Carhartt Clothing in Stock!

carhartt

Sierra Hooded Jacket

Keep the cold at bay with our Sierra jacket. For warmth, it features Sherpa lining in the body and hood, while the sleeves are lined in quilted nylon. Built tough with 12-ounce, 100% cotton duck. Rib-knit storm cuffs help keep the cold out. There are two interior pockets, two exterior pockets, and a left-chest pocket that zips shut. The main seams are triple-stitched for extra strength, and the bi-swing back design and pleated elbows add comfort. CRH-J141
M-2XL

Color	M	L	XL	2XL
Dark Brown	**745138**	**745139**	**745140**	**745141**
Gravel	**745142**	**745143**	**745144**	**-**

carhartt

Rain Defender® Paxton Heavyweight Hooded 1/4 Zip Mock Sweatshirt

13-ounce, 75% cotton/25% polyester blend. Attached, jersey-lined three-piece hood with draw-cord closure. Mock neck collar with 8-inch antique-finish brass zipper. Front hand-warmer pocket has a hidden security pocket inside. Stretchable, spandex-reinforced rib-knit cuffs and waistband. Rain Defender® durable water-repellent finish. Black. CRH-10061700

S	M	L	XL	2XL
757330	**757331**	**754098**	**754099**	**757332**

carhartt

Hooded Logo Sleeve Sweatshirt

Midweight 10.5-ounce, 50% cotton/50% polyester blend, attached hood with draw-cord closure, front hand-warmer pocket, spandex-reinforced rib-knit cuffs and waistband. Carhartt logo is printed on the sleeve and a logo patch is sewn on the pocket.
CRH-K288

Color	S	M	L	XL	2XL	3XL
Black	**-**	**745241**	**745242**	**745243**	**745244**	**745245** N
Charcoal	**759098**	**759099**	**759100**	**759101**	**759102**	**-**

carhartt

Heavyweight Hooded Sweatshirt

Made of 13-ounce, 80% cotton/20% polyester fabric and has a Rain Defender® durable water-repellent finish. It is designed with spandex-reinforced rib-knit cuffs and waistband to keep the cold out. There's an attached three-piece jersey-lined hood with draw cord and front hand-warmer pockets. The right pocket has a security pocket sized for a cell phone. The Carhartt logo is embroidered on the front left pocket. CRH-100615

Color	M	L	XL	2XL
Black	**756935**	**756934**	**756936**	**756937**
Dark Green	**756961**	**756962**	**756921**	**756963**

carhartt

Union Suit

Made of premium 8-ounce fabric, this midweight cotton union suit delivers total body warmth in one comfortable garment. Its rib-knit neck and cuffs retain warmth, and seams are flat-lock stitched for added durability. For comfort and convenience, the fly and back opening feature button closures.
CRH-K226RED

Color	M	L	XL	2XL
Red	**745112**	**745113**	**745114**	**745115**

carhartt

Tacoma Ripstop Shorts

Made of 7-ounce, 100% cotton ripstop fabric, resists rips and tears. Relaxed fit with a comfortable gusseted crotch for easy bending and crouching. Features right-leg cell phone pocket. 10" inseam. Army green. CRH-10024030

Waist	32"	34"	36"	38"
Order#	**752585**	**752586**	**752587**	**752588**

carhartt

Rugged Cargo Camo Shorts

Made of rugged 8-ounce, 100% cotton ring-spun canvas that sits slightly below the waist with relaxed seat and thigh for easy movement. Features right-leg cargo pocket for cell phone and pen stall. 11" inseam. Khaki camo. CRH-10027929

Waist	32"	34"	36"	38"
Order#	**752595**	**752596**	**752597**	**752598**

carhartt

Washed Duck Wear Dungarees

Comfortable, practical and long wearing with a full seat and thigh, plus a fit that sits at the natural waist. Outfitted with multiple tool and utility pockets plus a hammer loop. The back pockets are reinforced. 19-inch leg openings fit over work boots. Made of premium 12-ounce, 100% ring-spun cotton duck.
CRH-B11

Waist	Inseam	Brown	Moss	Blue
30"	30"	**744973**	**744993**	**745012**
30"	32"	**744982**	**745001**	**745019**
32"	30"	**744974**	**744994**	**745013**
32"	32"	**744983**	**745002**	**745020**
32"	34"	**744990**	**745009**	**745026**
33"	30"	**744975**	**744995**	**745014**
33"	32"	**744985**	**745003**	**745021**
34"	30"	**744976**	**744996**	**745015**
34"	32"	**744986**	**745004**	**745022**
34"	34"	**744991**	**745010**	**745027**
36"	30"	**744978**	**744997**	**745016**
36"	32"	**744987**	**745006**	**745023**
36"	34"	**744992**	**745266**	**745028**
38"	30"	**744979**	**744998**	**745017**
38"	32"	**744988**	**745007**	**745024**
40"	30"	**-**	**744999**	**745018**
40"	32"	**-**	**745008**	**745025**

Heat Holders® Gloves

New!

Features a silky, soft lining that keeps your fingers warm in the harsh winter. Extra long cuffs, with elasticated ribbing to hold them close to your skin. Ladies gloves feature cable knit design. Assorted colors. 53% Polyester 47% Acrylic, Lining: 100% Polyester.

Size	Order#
Ladies S/M	762216
Ladies L/XL	762217
Men's M/L	762220
Men's L/XL	762219

carhartt

C-Grip Knuckler Gloves

Advanced C-Grip™ molded-palm technology combines the cushioning often found in technical work gloves with the seamless construction and superior grip of rubber-dipped gloves. Also includes wrap-cap finger coverage and knuckle protection. CRH-A591GRY

	S/M	L/XL	2XL
Men's Gray	746924	746925	746926

carhartt

Grain Leather Work Glove

100% cotton duck fabric with a full-grain leather palm. Suede palm and thumb patches improve durability, and cowhide delivers knuckle protection. Easy on/off with safety cuff and side vent. Brown. CRH-A518BRN

S	M	L	XL	2XL
751505	751506	751507	751508	751509

carhartt

Men's Steel-Toe Work Socks

Cotton socks, with reinforced heel and toe makes them perfect for steel-toe boot wearers. Sold by the 2-Pack. CRH-A555-2

Color	L	XL
Black	757428	757429
Gray	757430	757431

carhartt

Men's Cotton Work Socks

Quarter length, sold by the 3-pack. Large (Size 10-13) CRH-A613

Size	Order#
Black	744483
Gray	744482

carhartt

Women's Merino Wool Socks

Mid-length heavyweight socks great for working outdoors. Sold by the pair. CRH-WA066

Color	S	M	L
Charcoal	744515	744516	744517
Denim	744518	744519	744520

Hamilton Marine T-Shirts

These t-shirts are 50% cotton, 50% polyester, and feature the HM commercial Lobster logo on the back, and a simple Hamilton logo on the front left chest.
S-XL 2XL

Color	Size	Order#
Stone Blue	S	759446
	M	759447
	L	759448
	XL	759449
Sand	S	759441
	M	759442
	L	759444
	XL	759445
Dark Heather	S	759450
	M	759451
	L	759453
	XL	759454
	2XL	759455

Hamilton Marine Sweatshirts

Our 50% cotton, 50% polyester heavy duty sweatshirt bears the HM logo on the back, and a simple Hamilton logo on the front left chest.

Color	Size	Order#
Antique Sapphire	S	757461
	M	757470
	L	757463
	XL	757464
	2XL	757465
	3XL	757466
Black	S	757467
	M	757449
	L	757450
	XL	757068
	2XL	757451
	3XL	757452
Charcoal	S	757468
	M	757453
	L	757069
	XL	757454
	2XL	757455
	3XL	757456
Forest Green	S	757469
	M	757457
	L	757458
	XL	757067
	2XL	757459
	3XL	757460

Heat Holders® Lite™ Socks

New!

Made from a specially developed heavy bulk yarn which has extreme thermal qualities. Brushed inner fabric traps warm air close to the skin keeping your feet warmer longer. Ideal in casual fitting shoes and boots. 93% Acrylic, 6% Polyester, 1% Elastane. Assorted colors.

Size	Order#
Men's 7-12	762211
Women's 5-9	762212

Heat Holders® Thermal Socks

New!

Thick, chunky socks made from a specially developed heavy bulk yarn which has extreme thermal qualities. Brushed inner fabric traps warm air close to the skin keeping your feet warmer longer. Great for boots and spending time outdoors during the cold winter months. 91% Acrylic, 5% Nylon, 3% Polyester, 1% Elastane. Assorted colors.

Size	Order#
Men's 7-12	762213
Women's 5-9	762214

16" White Knee Boots

White Safety-Lok™ outsole. White PVC. Replaceable cushion insole. Made in USA. HM-BPVC

Size	Order#	Size	Order#
6	149816	10	149820
7	149817	11	149821
8	149818	12	149822
9	149819	13	149823

15" Black PVC Boots

Cut off bands for height adjustment. Chemical resistant. HRF-70662

Size	Order#	Size	Order#	Size	Order#
5	746109	9	746113	13	746117
6	746110	10	746114	14	746118
7	746111	11	746115	15	746119
8	746112	12	746116		

16" Xtratuf Boots

Triple-dipped seamless neoprene coating is light, soft & flexible. Waterproof & wicks away moisture. Built-in cushion insoles with arch support. Slip-resistant outsoles and heels.

Non-Insulated NCF-22272G				Insulated NCF-22274G			
Size	Order#	Size	Order#	Size	Order#	Size	Order#
5	166032	10	166037	6	166021	11	166026
6	166033	11	166038	7	166022	12	166028
7	166034	12	166039	8	166023	13	166029
8	166035	13	166040	9	166024	14	166030
9	166036	14	166041	10	166025		

Xtratuf Elite 15" Insulated Performance Boots

Designed to provide unmatched comfort for long days at sea or long hours on the dock. Resistant to many organic and inorganic acids, oils, chemicals, and contaminants. Built with a Spandura covered 5mm neoprene bootie, comfort rated to -20°F. Slip-resistant Chevron outsole. Brown. NCF-22613

Size	Order#	Size	Order#
7	759369	11	759558
8	759554	12	759559
9	759556	13	759560
10	759557	14	759561

15" Thermal Gator Boots

100% waterproof natural vulcanized rubber. Adjustable strap with buckle. Warm pile lining, comfortable to -4° F/-20° C. Chemically resistant to mild acids & alkalines. Self cleaning, oil-resistant sole. VKN-VW38

Size	Order#	Size	Order#	Size	Order#
6	146264	9	146223	12	146267
7	146221	10	146265	13	146268
8	146222	11	146266		

13" Insulated Thermal Gator Boots

Insulated natural rubber boot. Non-slip Chevron deck sole in non-net catching design. Steel shank for extra stability. Adjustable belt collar to seal out water and snow. Alaska tested for warmth and comfort. Warm pile insulated lining good to -4°F. VKN-VW37

Size	Order#
10	146219
11	146211
12	146220

Polyurethane Boots

Comfortable, lightweight polyurethane boots. Excellent grip sole. Brown. GYC-GCU-BR

Size	Order#	Size	Order#
8	749758	11	749763
9	749760	12	749764
10	749762	13	749765

Polyurethane Steel Toe Boots

Very comfortable and lightweight polyurethane boots with steel toe cap. Green. GYC-GCT-GR

Size	Order#	Size	Order#
9	755534	12	755537
10	755535	13	755707
11	755536		

18" Burly® Classic Boots

100% ozone-resistant & scent-free premium rubber. Wool-felt midsole with polymeric foam-insulated bottom. Chevron cleated outsole. Ankle-fit design for a secure fit. Nylon lining with odor protection. LCF-26604

Size	Order#	Size	Order#	Size	Order#
7	121119	10	121122	13	121125
8	121120	11	121123	14	165293
9	121121	12	121124	15	165294

Big Chief 32" Hip Boots

100% waterproof, ozone-resistant rubber. Chevron cleated outsole for traction. Ankle-Fit design for comfort and support. Fiberglass shank.

Non-Insulated LCF-15404				Insulated LCF-70001			
Size	Order#	Size	Order#	Size	Order#	Size	Order#
7	165274	11	121092	9	166066	12	166068
8	165275	12	165276	10	166067	13	166069
9	162683	13	165277	11	165257		
10	163518	14	165278				

NORCROSS Youth Rubber Boots

Injection PVC molded construction for style, comfort, and durability. Seamless, 100% waterproof boot keeps feet dry. Removable cushion insoles for added comfort. Kick off lugs for easy on and off. Black. NCF-76003

Size	Order#	Size	Order#
5	169052	8	166045
6	166043	9	166046
7	166044		

NORCROSS 17" Black Insulated Knee Boots

Durable, ozone-resistant rubber. Flexible, hand-layered construction. 100% waterproof. High abrasion Trac Tread™ outsole. Contour insole. Polymeric foam insulation. Steel shank. NCF-T350

Size	Order#	Size	Order#
8	166011	12	166015
9	166012	13	166016
10	166013	14	166017
11	166014		

GRUNDÉNS

Deck Boss Boots

New!

This 15" boot utilizes a rigid toe cap and is built using an injection process that eliminates delamination and cracking. A flexible upper folds down when the full 15" height is not needed and a 1" groove holds a durable silicone band that can be used to keep pants out of the muck and legs dry.
GRD-15DB

Size	Order#	Size	Order#	Size	Order#
7	765337	10	765340	13	765343
8	765338	11	765341	14	765344
9	765339	12	765342		

Chinook Boots

Oil and slip resistant sole. Waterproof construction. Made in USA. Height: 13". These insulated boots are cold weather comfort rated to -40°F and feature an adjustable nylon snow cuff and insulating wool felt liner.

BadAxe, Soft Toe, Insulated
Green
CNK-3500

Size	Order#	Size	Order#
5	752306	11	752311
6	752307	12	752312
7	752308	13	752313
8	752631	14	752314
9	752309	15	752315
10	752310		

BadAxe, Steel Toe, Insulated,
Black. CNK-3550

Size	Order#	Size	Order#
4	752321	10	752327
5	752322	11	752328
6	752323	12	752329
7	752324	13	752330
8	752325	14	752331
9	752326	15	752332

KickAxe, Soft Toe, Gray/Orange
CNK-3600

Size	Order#	Size	Order#
7	757513	11	757517
8	757514	12	757518
9	757515	13	757519
10	757516	14	757520

Boot Bands

5/8" x 7"
REV-107 **Order# 128348**

Insulated Boot Liners

MADE IN THE USA

Universal fit for most insulated rubber boots. Rated to -40° F. Reinforced seams. 18% wool, 82% polyester, 8.0mm thick.
CNK-3900

Size	Order#	Size	Order#
8	756990	11	756993
9	756991	12	756994
10	756992	13	756995

LaCrosse **Wool Felt Insoles**

Put a warm insulation barrier between your feet and the frozen ground!

Size	Order#	Size	Order#
6	164638	11	164643
7	164639	12	164644
8	164640	13	164645
9	164641	14	164646
10	164642		

Muckmaster™ 16.5" Arcticsport Boots

Full-bootie construction, 100% waterproof. Premium fleece and breathable Airmesh™ lining, supportive, contoured footbed. Full-perimeter rubber reinforcements for added protection. Extraordinarily lightweight.
CFD-ASP000A

Size	Order#	Size	Order#	Size	Order#
6	730790	9	177620	12	177622
7	730789	10	177621	13	733945
8	177619	11	177623	14	730791

Muckmaster™ Boots

Rugged but comfortable 100% waterproof footwear. Full-bootie construction, breathable Airmesh™ lining & supportive contoured footbed. Extra rubber underlays & a crush-resistant toe offer added protection for a variety of climates & conditions. Heavy duty lug sole for traction in snow & mud.

Hi 16" Boot
CFD-MMH500A

Size	Order#	Size	Order#
5	174304	10	171090
6	174303	11	171091
7	171087	12	171092
8	171088	13	171093
9	171089	14	171094

Mid 13" Boot
CFD-MMM500A

Size	Order#	Size	Order#
7	176735	11	176739
8	176736	12	176740
9	176737	13	176741
10	176738	14	176742

Women's Arctic Weekend Muck™ Boots

The stretch-fit topline binding is snug around the calf to keep warm air in and cold air out. Fully insulated with 4mm neoprene to provide optimal warmth, comfort, and waterproofing. A fleece liner is added to keep your feet warm in temperatures down to -20 degrees. EVA midsole. Multipurpose rubber outsole provides optimal traction and stability. 12" high.
CFD-WAW-404

7	8	9	10
750490	750491	750492	752245

Kids Hale Muck™ Boots

The Hale is the perfect three-season children's boot, ready to do battle against rain, snow and everything in between. It features 100% waterproof CR Flex-foam insulation, a self-cleaning outsole and a wide topline - so it's easy to pull on and take off. Breathable PK mesh lining keeps young feet cool, dry and comfortable with any level of activity.
CFD-KBH-

Black/Pink

Size	Order#	Size	Order#
10	756626	1	756630
11	756627	2	756631
12	756628	3	756632
13	756629	4	756633

Black/Black

Size	Order#	Size	Order#
10	758052	1	758048
11	758053	2	758049
12	758054	3	758050
13	758055	4	758051

Cold Water Gloves

100% Quality Neoprene

Retains flexibility in extreme cold. Rubber palms for sure grip. Ideal for fishing, hunting or rowing out on cold mornings.
HMG-5600

Size	Order#
S	733210
M	733211
L	733212
XL	733213
2XL	733214

Moose Point

Atlas™ Coated Seamless Knit Gloves

Seamless grey cotton/polyester knit gloves with natural rubber or nitrile coating for excellent grip. Nitrile gloves are chemical resistant. HMG-A

Type	Color	S	M	L	XL
Rubber Coated	Blue	160535	160536	160537	160538
Nitrile Coated	Green	160539	160540	160541	160542
Thermal Lined	Gray	175882	160543	160544	160545

Wonder Grip Knit Gloves

Flexible knit glove with double coated latex fingers and palm for added grip. Hi-vis green latex-coated palm or Hi-vis orange nitrile-coated palm.

Color	M	L	XL
Green Latex	740471	740469	740472
Orange Nitrile	740475	740473	740476

Double Coated Latex Gloves

Textured palm for excellent grip. Comfortable knit cuff. HMG-WG3
Regular (blue)
Insulated (orange) *New!*

Size	Regular	Insulated
S	762671	762675
M	762672	762676
L	762673	762677
XL	762674	762678

Glove Liners

White. Poly/cotton, sold by the dozen.
HMG-GLPC **Order# 758617**

Open wrist with elastic on back of hand.
HMG-202

Size	Trim	Order#
M	Green	163286
L	Red	163287
XL	Black	163288
2XL	Blue	163289

Insulated PVC Gloves

Waterproof, breathable PVC coated gloves with warm insulated liner. Black or covered in high-visibility hydrorepellant technology. HMG-PF400

Black

Size	Order#
S	740466
M	740467
L	740465
XL	740468

Hi-Vis

Size	Order#
S	760019
M	760020
L	760021
XL	760022
2XL	760023

Monkey Grip™ Winter Gloves

Vinyl-coated and foam-insulated. Curved fingers, wing thumb, and soft jersey lining. Tough vinyl coating stays soft when cold. Large. HMG-EDM-23

Cuff	Order#
Knit	117999
Safety	118000

Tool Grabber Touchscreen Gloves

Hybrid polymer coating, durability & oily grip. Black on 13 ga red nylon lycra liner. Lightning Touch Technology for use with touch screen devices.

Size	Order#
S	758693
M	758694
L	758695
XL	758696

Nitrile Palm Touchscreen Glove

Foam nitrile coating provides excellent performance. 18 ga blue nylon for coolest lightweight comfort. Lightning Touch Technology for use with touch screen devices.

Size	Order#
S	758697
M	758698
L	758699
XL	758700

Predator Dipped Gloves

Fully coated with knit wrists. The Predator has an extra thick, tough coat for more heavy duty, rugged applications.

Type	Order#
Predator	165597
PredaLITE	165596

Astroflex Blue Clam Gloves

12" latex gloves with interlock lining. Textured surface for excellent grip.
HMG-BC-

Size	Order#
S	735690
M	117991
L	117990
XL	117989
2XL	117992

Thermal Knit Rubber Palm Gloves

Heavy duty 7-gauge seamless acrylic gloves with knit liner and durable textured rubber palm coating. HMG-PF4005BR-

Size	Order#
S	743825
M	743830
L	743831
XL	743832

Mapa Blue-Grip Gloves

12" long natural latex with non-slip grip, blue.
HMG-MAPA301

Size	Order#
Large	758946
XLarge	758947

PVC Superflex - Rust 12" Long

Atlas 620 HMG-A620

Size	Order#
S	162908
M	123584
L	123582
XL	123583
2XL	177727

PVC Superflex - Blue 12" Long

Atlas 660 HMG-A660

Size	Order#
M	160531
L	160532
XL	160533
2XL	160534

Nitrile Superflex - Yellow 26" Long

HMG-A772

Size	Order#
M	750376
L	750377
XL	750378

PVC Superflex Lined Rust

HMG-A460

Size	Order#
M	123587
L	123585
XL	123586

PVC Superflex Triple Dip Blue Lined

Cold-Resistant. HMG-A490

Size	Order#
M	159572
L	159573
XL	159574

Rubber Fleece Lined Gloves

Triple-dipped blue, 12" long with warm fleece lining.

Size	Order#
M	760264
L	760265
XL	760266

Lined Rubber Gloves

Cold resistant blue, with removable fleece lining.
HMG-PF495

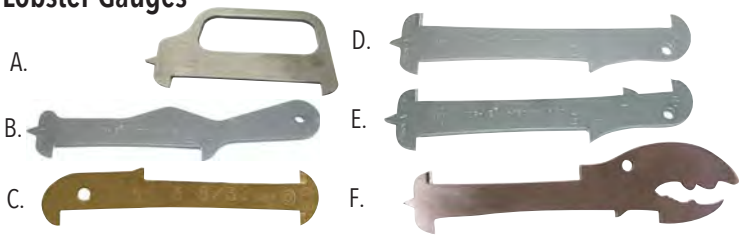
Size	Order#
M	177067
L	177068
XL	177069

Rubber Gloves with Knit Cuff

Single-dipped PVC with rough grip and knit cuff. HMG-A600

Size	Order#
S	177062
M	177063
L	177064
XL	177065

Lobster Gauges



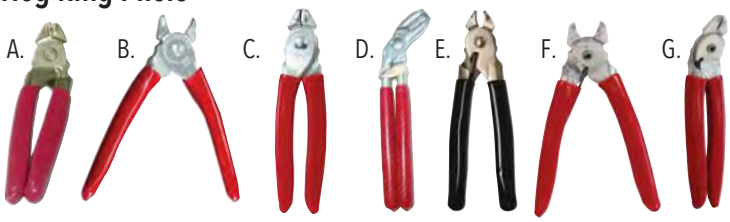
Gauge	Desc.	Sizes	Order#
A. Single	Stainless Steel w/Handle	3-1/4"	**164209**
B. Single	Stainless Steel w/Handle	3-1/4"	**164210**
C. Double	Brass	3-1/4" & 5"	**118327**
D. Double	Stainless Steel	3-1/4" & 5"	**118328**
E. Select	Stainless Steel	3-1/4", 4" & 5"	**164208**
F. Double	Stainless Steel w/Bottle Opener	3-1/4" & 5"	**758301**

Hog Rings

Biodegradable or stainless steel. 3/8", 1/2", 3/4" & 1". Sold per pound or 25 lb. box.

Size	Gauge	Type	Qty	Order#
3/8"	14	Stainless Steel	1 lb	**118307**
1/2"	14	Stainless Steel	1 lb	**118308**
3/4"	14	Stainless Steel	1 lb	**118309**
1"	14	Stainless Steel	1 lb	**154353**
1/2"	13	Biodegradable Steel	1 lb	**162709**
3/4"	13	Biodegradable Steel	1 lb	**118310**
3/4"	13	Biodegradable Steel	5 lb	**755830**

Hog Ring Pliers



Description	Hog Ring Size	Order#
A. Spring Close, Angled	3/8"-3/4"	**135860**
B. Hold Open	3/8"-1"	**128748**
C. Hold Close	3/8"-3/4"	**128750**
D. Spring Close, Angle Nose	3/8"-1"	**165971**
E. Straight Hold, Close Type	3/8"-1"	**174067**
F. Spring Open, Angled	Up to 1"	**128749**
G. Hold Close, Angled	Up to 1"	**128751**

Wematic Hand Tool

Stainless steel hand tool for 9/16" hog rings.
HML-WHT-056 **Order# 162514**

9/16" hog rings for wematic tool. Box of 5000.
HML-HGRING-WEM **Order# 118311**

Aluminum J Clips

Part#	Size	Approx #/Lb	Order#
BRL-001	1/2"	250	**104942**
BRL-002	3/8"	330	**104943**

J Clip Pliers

For use with 3/8" J-Clips. Rubber grip handles.
BRL-JPC **Order# 104944**

J Clip Pliers

Angle nose, for use with 3/8" and 1/2" aluminum J-Clips. Rubber grip handles. Imported. HML-LBJCP **Order# 169998**

Trap Clips

For pneumatic tools.
12 gauge aluminum.
6300/Box

Size	Order#
.86" x 0.04"	**162505**
.75" x 0.05"	**162507**

ProClinch™ Tool Pneumatic tool for trap clips. Runs on compressed air. Will take up to 7/8" clips. HML-CLIPTOOL **Order# 168127**

Lobster Tail Notcher

Cast aluminum w/stainless steel and spring.
HML-NOTCH **Order# 118333**

Gauges

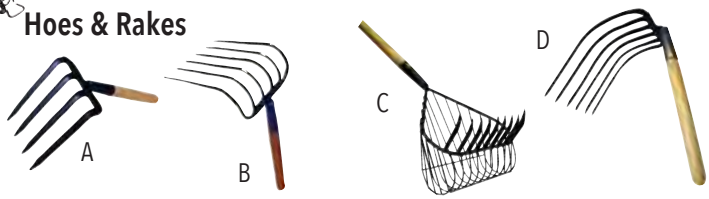
Desc	Type	Size	Order#
A. Scallop	S/S	4"	**157167**
B. Clam	S/S	2"	**117638**
C. Oyster	S/S	3"	**175916**
D. Quahog	S/S	1"	**728756**
E. 3-Way	Alum	1" Quahog, 2" Steamer, 3" Oyster	**756439**

Clam Baskets

Galvanized wire.

Capacity	Size	Order#
10 qt	9"Hx10.5" dia	**124707**
1 bushel	12"Hx17.5"dia	**171691**

Hoes & Rakes



Description	For	Handle	Order#
A. 9.5" long flat tines	Clams	16" ash	**136730**
B. 10" long straight round tines	Clams	16" ash	**164345**
C. Ten 3" tines with 1" spacing	Clams	60" varnished	**168734**
D. Six 14" curved round tines	Clams	16" ash	**756422**

Lobster Gauge & Bander Combo Tool

Stainless steel 3-1/4" measurer.
HML-BAND-GGE **Order# 174466**

Lobster Banding Tools

Part#	Description	Order#
A. HML-BANDTOOLSS	Stainless Steel	**118242**
B. HML-BANDTOOLSJ	Stainless Steel, Jumbo	**746161**
C. HML-BANDTOOLNY	Black Nylon	**118241**

Lobster Bands

Available in many colors. Printed bands say "Wild Lobster Product USA". HML-BANDS

Order#				Bag	#Bags/ Case
118233	Yellow	Printed	Shedder	1 lb	25
758401	Yellow	Non-Printed	Shedder	1 lb	25
118225	Blue	Printed	N Atlantic	2 lb	10
172455	Blue	Non-printed	N Atlantic	2 lb	10
118226	Green	Printed	N Atlantic	2 lb	10
174001	Green	Non-printed	N Atlantic	2 lb	10
118227	Red	Printed	N Atlantic	2 lb	10
174003	Red	Non-printed	N Atlantic	2 lb	10
118228	Yellow	Printed	N Atlantic	2 lb	10
174002	Yellow	Non-printed	N Atlantic	2 lb	10

POT WARP

We feature a large selection of floating and sinking pot warp. Some of our best ing items are listed. Please call for specific pot warp that you don't see listed.

Float Rope

The Original ManLine Float

High strength, low noise!
1200 feet per coil. HMP-MANLINE

5-10% more feet per pound!

Size	Weight	Blue	Green	Orange	Yellow
11/32"	28 lbs	**167153**	**167154**	**167156**	**167155**
3/8"	34 lbs	**165312**	**165313**	**165315**	**165314**
7/16"	44 lbs	**165316**	**165317**	**165319**	**165318**
1/2"	56 lbs	**174214**	**174215**	**174216**	**174217**

Hyliner Float

Coils approximately 40-56 pounds, 1800-2200 feet.
HMP-HYPP

Size	Black	Green	Orange	Yellow	Blue	Purple	Red
5/16"	**138523**	**118541** N	**138525**	–	–	–	–
11/32"	–	**118542**	–	–	–	–	–
3/8"	**118545**	**118546**	**118547**	**118552**	**118544**	**118549**	**118550**
1/2"	**145854**	–	–	**140937**	–	–	–

Hyliner Steel Liner Float Rope

Higher tensile strength, quieter in the hauler.
Coils approximately 62-70 lbs. HMP-HYSL

Size	Blue	Green	Orange	Yellow	Silver
3/8"	**173176**	**729634**	**173177**	**177704**	**754319**
7/16"	**177708**	**729631**	**729630**	**177707**	–
1/2"	**740389**	–	**744080**	–	–

Dyna-Steel Float Rope While Supplies Last

Green. HMP-DYNASTEEL

Size	Thread	Approximate Weight	Order#
3/8"	12	36 lbs	**755615**
7/16"	15	47 lbs	**755616**

Rope Grabber

For up to 3/4" line. Zinc plated steel.
HML-ROPEGRABER **Order# 756956**

Imported Cast Iron Mushroom Anchors

An economical, long-lasting, dependable anchor for mud bottoms.
Remember: all mooring anchors should be rigged for storm conditions.

Part#	Weight	Order#
HM-IMP-025	25 lbs	**130421**
HM-IMP-050	50 lbs	**130422**
HM-IMP-075	75 lbs	**130429**

Rope Cutting Gun

Hand-operated tool, recommended for short-time operation only. Suitable to cut and seal the edges of synthetic fabric, such as cords, ropes, bands & belting fabric. Heats up in 6-8 seconds. Blade not included. HEM-H100 **Order# 167636**

Cutting Blade
HEM-H205 **Order# 167637**

Bench Mount Rope Cutting Gun

110 volts, 165 watts, 1.5 amps. Heats up to 1200° F. Cuts 1" Nylon line in less than 10 seconds. Cuts and heat seals at the same time. Includes a 2-5/16" blade. Lighted ON/OFF rocker switch. 5.5 ft. cord with ground. 4 pre-drilled holes for mounting. 6-1/4" L x 4" W x 5-3/4" H. PUR-S6807 **Order# 127696**

Cutting Blade PUR-S6808 **Order# 127697**

Sink Rope

ManLine Sink Rope

High quality, precision balanced construction results in a very strong but lighter sink rope. More feet per pound saves you money! White with red and gold tracer. HMP-MANLINE

Best Value!

Size	Weight	Ft/Coil	Order#
11/32"	37.5 Lbs	1200'	**174213**
3/8"	41 Lbs	1200'	**174212**
7/16"	52 Lbs	1200'	**730491**
1/2"	38 Lbs	600'	**730492**
5/8"	52 Lbs	600'	**730493**

Hyliner Sink

Coils approximately 40-70 pounds, 1100-1800 feet. HMP-HYPE

Size	Color	Thread	Order#
5/16"	White	6	**118537**
11/32"	White	9	**118538**
3/8"	White	12	**118539**
7/16"	White	15	**176795**

Hyliner Steel Liner Sink Rope

Greater tensile strength & higher abrasion resistance than Hyliner sink. Coils approx. 60-70 lbs. Approx. 1000 - 1800 ft. HMP-HYPS

Size	Color	Thread	Order#
11/32"	Blue	9	**177713**
3/8"	Blue	12	**173178**
3/8"	Orange	12	**170019**
7/16"	Blue	15	**740936**
7/16"	Orange	15	**728262**
1/2"	Blue	18	**744686**
1/2"	Orange	18	**740160**

Sink

3/8". Soft lay for hauling by hand or for utility rope. 20.5 lb. coil. Approx 575'. HMP-RL38
Order# 170420

SteelHaul Sink Rope

1200 ft per coil. HMP-STLHL

Size	Weight	Order#
3/8"	45 lbs	**761800**
7/16"	65 lbs	**759302**
1/2"	80 lbs	**759966**

Electric Cutting Gun

Cuts and seals the end of synthetic ropes in one fast movement. 100 watt. 120v AC. 1.3 amps. PUR-15463 **Order# 127675**

Heavy Duty Electric Cutting Gun

120 watt. 120v AC. 1.5 Amps. PUR-15463HD
Order# 735613

Cutting Blade for both versions
Order# 127676

Rope Measurer

Meets National Bureau of Standards H44 requirements. Measures from 5/32" to 3/4" diameter within weight and measure tolerances. Digital counter indicates feet and inches up to 999 ft. Rated at 1000 F.P.M. PUR-S6703 **Order# 127694**

Polyethylene Mending Twine

4.5 lb balls. NFG-TWM

Size	Approx. Ft/Ball	Approx. Ft/Lb	Breaking Strength	Orange	Green
3mm	1830	406	264	**166793**	**166792**
4mm	1250	278	407	**166796**	**166795**
5mm	830	184	617	**166799**	**166798**
6mm	500	111	837	**166802**	**-**

Heading Twine

A large assortment of twines are available in various synthetic weaves and colors. 2 lb balls.
HML-TW

Color	Type	Min Tensile Strength	Approx. Ft/Lb	Order#
White	Nylon	120	1050	**118402**
White	Nylon	135	750	**118430**
Black	Polypro	125	550	**118413**
White	Nylon	250	550	**118426**
Gold	Nylon	250	550	**118417**
Green	Polypro	125	550	**118418**
Red	Polypro	125	550	**118420**
Yellow	Polypro	125	550	**118428**
Blue	Polypro	155	450	**118408**
Black	Polypro	155	450	**118407**
Black	Polypro	178	400	**167590**
Blue	Polypro	178	400	**167591**
White	Nylon	356	400	**118405**

Heading Needles

Plastic.

Size	Order#
4"	**118331**
6"	**118332**
8"	**118329**
10"	**118330**

Plastic, pointed.

Size	Order#
6"	**742643**
8"	**742644**

Polyester Braided Twine

White 5 lb. balls
HM-E

Size	Minimum Tensile Strength	Approx. Ft/Lb	Order#
3mm	615	220	**163102**
4mm	735	165	**163103**
6mm	1175	110	**163104**
8mm	1390	85	**163110**
10mm	1875	66	**163105**
12mm	2025	56	**163106**
14mm	2325	47	**163107**
16mm	2375	41	**163108**

Nylon Seine Twine

1 lb balls. White

Size	Ft/Lb	Break Strength	Order#
#4	5600	21	**176028**
#5	4200	28	**176765**
#6	3300	35	**172471**
#9	2200	58	**172472**
#15	1350	88	**172473**
#18	1050	116	**172474**
#24	700	167	**172475**
#36	520	222	**172476**
#42	460	250	**172477**
#48	375	324	**172478**
#60	310	394	**172479**

White Nylon Seine Twine

#9, 1/4 lb ball. 575'.
HML-TNTWW-09
Order# 755793

Yellow Nylon Seine Twine

#18, 3/4 lb ball. 1050'.
HML-TNTY-18 **Order# 755792**

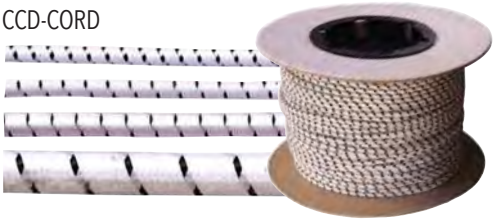
Tarred Nylon Seine Twine

1 lb balls.Tarred Black

Size	Ft/Lb	Break Strength	Order#
#6	2900	35	**144795**
#9	1800	55	**125431**
#15	1150	85	**125432**
#18	860	110	**177221**
#24	580	165	**144794**
#36	440	220	**125433**
#42	380	250	**125434**
#48	310	300	**125435**
#60	250	390	**125436**

Shock Cord

CCD-CORD



Size	Tracer	Ft/Spool	Order#
1/8"	Black	1000	**731220**
3/16"	Black	1000	**162947**
1/4"	Black	500	**162948**
5/16"	Grn & Yel	500	**162949**
3/8"	Black	250	**162950**
1/2"	Black	100	**162951**
5/8"	Black	100	**162952**

5/16" Black Shock Cord

UV resistant, solid black.
Order# 740364

Double cover, green tracer.
Order# 740363

Twine Size Chart

Twine Size	Diameter (Millimeters)	Diameter (Inches)
#4	0.66 mm	.026"
#5	0.75 mm	.030"
#6	0.85 mm	.033"
#7	0.92 mm	.036"
#9	1.07 mm	.042"
#12	1.20 mm	.047"
#15	1.32 mm	.052"
#18	1.52 mm	.060"
#21	1.70 mm	.067"
#24	1.85 mm	.073"
#30	1.98 mm	.078"
#36	2.16 mm	.085"
#42	2.35 mm	.092"
#48	2.62 mm	.103"
#60	2.95 mm	.116"
#72	3.17 mm	.125"

Polyethylene Twisted Mending Twine

1 lb ball. Green.
HML-TWT

Size	Approx Ft/Lb	Breaking Strength	Order#
#18	1090	67	**171778**
#21	890	78	**738536**
#24	700	99	**177629**
#36	510	119	**171473**

Flat Braided Twine

Size 60. Minimum Tensile Strength: 325. Approx. 350'/lb. White/Green. 2 pound ball. Nylon. HML-TW06WGN
Order# 170839

Bait Line

2 lb. white nylon balls.

Size	Min Tensile Strength	Approx Ft/Lb	Order#
60	540	160	**118401**
72	620	128	**141963**

Gangion Line

Polypro, 2 lb. ball.
Dark Green or Red.

Size	Color	Ft/Lb	Min. Tensile Strength	Order#
#48	Green	185	390	**168022**
#42	Green	285	310	**175928**
#48	Red	185	390	**758556**
#72	Red	128	620	**758733**

Buoys

Spongex Buoys HML-BUOY-

Size	Order#	#/Case
5X11	**118250**	48
6X14	**118252**	25
7X7	**118258**	35
7X14	**118254**	18
7X15	**118256**	20
9x16	**138583**	12

Seamaster Buoys HML-BUOYS-
Removable grommet, uniform size, crush depth: 100'

Size	Order#	#/Case
5x11	**174773**	50
6x14	**174534**	30
7x16	**174535**	20
7x7	**728810**	30
8x15	**738803**	16

High-Liner Low Drag Buoys

The drag can be reduced by up to 80% compared to spherical buoys. Heavy-duty buoys for offshore environments and used by commercial fishermen worldwide. PLM-HL

Dia. x Length	Buoyancy	White	Red	Orange	Green	Yellow
9" x 18.5"	26 lbs	**752732**	**752729**	**752727**	**752726**	**752731**
12" x 24"	70 lbs	**729385**	**151558**	**729384**	**729383**	**729386**
14" x 29"	106 lbs	**177172**	**151559**	**729388**	**729387**	**729389**

Low Drag Buoys

Shape makes pot retrieval easier. Creates only 20% of the drag of standard round buoys. Unique vinyl valve system. Even wall thickness for maximum strength. Reinforced ropehold. Sold by each or case of 10. POL-LD

Dia. x Length	Cir	White	Red	Orange	Green	Yellow
8.6" x 19"	27"	**175746**	**175745**	**175744**	**177222**	**177223**
11.5" x 24"	36.1"	**175749**	**175748**	**175747**	**177224**	**176105**
13.5" x 29"	42.4"	**175752**	**175751**	**175750**	**177225**	**177226**

LD Hardshell Low Drag Buoys

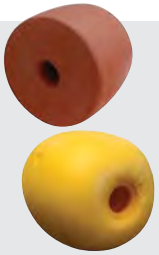
Specially shaped reduces drag and makes for easy pot retrieval.

Dia. x Length	Green	Orange	Pink	Red	White	Yellow
6" x 13"	**741886**	**741887**	**741888**	**741889**	**741890**	**741891**
7.25" x 22"	**739313**	**739314**	**739315**	**739316**	**739317**	**739318**

Net Toggle

3-1/4" x 4", 5/8" hole.

Color	Order#
Brown	**730169**
White	**729313**



EVA Toggle Floats

Size	Order#
2.87" x 4.13" x .75" Hole	**738930**
3.75" x 5.83" x .75" Hole	**738931**
9.75" x 10.43" x 1.89" Hole	**738932**

Toggle Floats

Hole size is 5/8"

Color	Size	Order#
Red	3.5" x 5.4"	**733579**
White	3.5" x 5.4"	**733578**
Orange	4.06" x 6.3"	**729314**

Breakaway Swivel

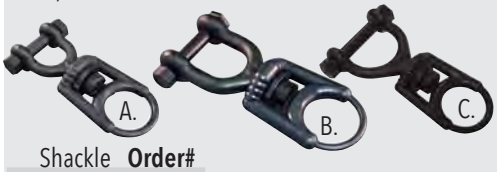
1100 lb. test. HML-1100BASHD
Order# 174505

Eye to Eye Swivel

Standard, NOT breakaway
HML-SWIVEL-BK **Order# 156221 /ea**

Breakaway Swivels with Shackles

Black, 600 lb. test. For state & federal waters.



	Shackle	Order#
A.	3/4"	**736049**
B.	1-1/2"	**729301**
C.	1-5/8"	**747019**

Breakaway Swivels & Links

600 lb. test. For state and federal waters.

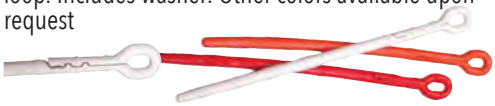
	Part #	Desc.	Order#
A.	HML-600BAL	Link, Large	**147648**
B.	HML-600BALB	Link, Black	**155054**
C.	HML-600KNOTLSS	Link, Knotless, Black	**161937**
D.	HML-600BAS	Swivel, Black	**147649**
E.	HML-600BASBLK	Swivel, Black	**155243**

Non-Breakaway Swivel with Shackle

1-1/2" black **Order# 739893**

PLANTE Loop Bottom Buoy Spindles

Buoy slides on, locking your swivel securely in the loop. Includes washer. Other colors available upon request



Part#	Color	Size	Order#
HML-LB24O	Orange	24"	**162655**
HML-LB24W	White	24"	**162649**
HML-LB24Y	Yellow	24"	**171098**
HML-LB36O	Orange	36"	**162659**
HML-LB36W	White	36"	**162651**
HML-LB36Y	Yellow	36"	**171101**

PLANTE 32" Buoy Spindles

With 600# breakaway swivels. Molded polyethelene in assorted colors. Includes washer.
/ each /per 25

Part#	Order#	Color
HML-SPINDLE-SBB	**154012**	Black
HML-SPINDLE-SOB	**154014**	Orange
HML-SPINDLE-SWB	**154017**	White
HML-SPINDLE-SYB	**154018**	Yellow

Replacement Eye with nut
HML-600BAE **Order# 154268**

PVC Lobster Buoy Spindles

Length	I.D.	O.D.	Order#
18"	1/2"	7/8"	**162663**
24"	1/2"	7/8"	**118209**
24"	3/4"	1-1/8"	**162664**
36"	1/2"	7/8"	**118212**
36"	3/4"	1-1/8"	**162665**

Cotter Pins

Stainless steel. 25 per bag.

Size	Order#
1/8" x 1-1/2"	**170430**
1/8" x 2"	**170431**
5/32" x 1-1/2"	**170432**
5/32" x 2"	**170433**

Buoy Spindle Washers

For

Spindle	Differential	Color	Order#
3/4"	1" straight	Gray	**155055**
1/2"	7/8" tapered	Black	**728294**
1/2"	7/8" tapered	Orange	**162522**
1/2"	7/8" tapered	White	**162520**
1/2"	7/8" tapered	Yellow	**162521**
1/2"	7/8" tapered	Red	**162773**
1/2"	7/8" tapered	Green	**169312** N

PLANTE Plastic Flat Buoy Sticks

each case/150

Part#	Color	Order#
HML-FS	White	**118294**
HML-FSB	Black	**118295**
HML-FSBL	Blue	**164584**
HML-FSG	Green	**151690**
HML-FSO	Orange	**151689**
HML-FSP	Pink	**118296**
HML-FSR	Red	**118297**
HML-FSY	Yellow	**118298**

Pot Warp Spinner

4-5/16", eye to eye.
Order# 155237

3-5/16", eye to eye. Black.
Order# 738693

LOBSTER BUOY PAINTS

FLEXABAR®

Lobster Buoy Paint for PVC & Inflatable Vinyl Buoys

For use with new lobster buoy or over Flexabar paint only

Chemically bonds with the buoy for highest durability. Colorfast and UV resistant. Oil and gas resistant. High visibility. Superior adhesion, won't crack. Commercially used and proven. Rugged durability.

BLACK, RED, BLUE, GREEN, YELLOW, WHITE

ORANGE, BRIGHT YELLOW, BRIGHT RED, BRIGHT BLUE, BRIGHT GREEN

Color	Quart	Gallon
Black	115107	732995
Red	115099	732996
Blue	115098	732997
Green	115101	732998
Yellow	115103	732999
White	115108	167909
Orange	115106	733000
Bright Yellow	115097	171164
Bright Red	115100	733001
Bright Blue	115105	115104
Bright Green	115102	733002

Fluorescent Colors

For use with new lobster buoy or over Flexabar paint only

Color	Quart	Gallon
Rocket Red	175161	115090
Blaze Orange	175162	175169
Aurora Pink	175163	115091
Signal Green	175164	115092
Saturn Yellow	175165	174312
Arc Yellow	175166	175167
Neon Red	115089	175168

ROCKET RED, BLAZE ORANGE, AURORA PINK, SIGNAL GREEN

SATURN YELLOW, ARC YELLOW, NEON RED

BLUE WATER® Lobster Buoy Coatings

This is a solvent based lobster buoy coating designed for use on PVC buoys and flotation material. Lobster buoy enamels have excellent adhesion and durability when applied to vinyl surfaces, and are available in bright attractive colors. 400 Sq. feet/gal yields 2 mils D.F.T. Time to overcoat: 80 deg F - 8 hours. 1 coat of primer, 2 coats of finish.

WHITE, BLACK, RED, SAFETY ORANGE, BLUE, YELLOW, GREEN

Part#	Color	Quart	Gallon
NAP-LB3001	White	736661	736660
NAP-LB3004	Black	736663	736662
NAP-LB3014	Red	736665	736664
NAP-LB3020	Safety Orange	740753	–
NAP-LB3022	Blue	736669	–
NAP-LB3023	Yellow	736671	736670
NAP-LB3033	Green	736673	–

FLEXABAR®

Buoy Paint Thinner

Use to clean surfaces before applying flexabar buoy coating. Also use to thin flexabar buoy coating.

FXB-90

Size	Order#
Quart	175153
Gallon	175154

PETTIT

Lobster Buoy Paint

Specially formulated and tinted as lobster buoy gloss enamels. Can be used for any above water application.

WHITE, BLACK, LT YELLOW

BLUE, RED, GREEN

Part#	Color	Quart	Gallon
PET-11105	White	126580	126579
PET-11831	Black	126593	126592
PET-11413	Lt. Yellow	126587	126586
PET-11207	Blue	126582	126581
PET-11611	Red	126591	126590
PET-11308	Green	126584	126583

DAYGLO COLOR CORP.

Fluorescent Colors for Lobster Buoys

Part#	Color	Quart	Gallon
DCG-21508	Filter Ray	107354	107353
DCG-21511	Aurora Pink	107356	107355
DCG-21512	Neon Red	107358	107357
DCG-21513	Rocket Red	107360	107359
DCG-21514	Fire Orange	107362	107361
DCG-21515	Blaze Orange	107364	107363
DCG-21516	Arc Yellow	107366	107365
DCG-21517	Saturn Yellow	107368	107367
DCG-21546	Lightning Yellow	107374	107373
DCG-21518	Signal Green	107370	107369
DCG-21519	Horizon Blue	107372	107371

Krylon Iron Guard

Maine lobstermen have found this 100% acrylic, high gloss industrial paint works great as a buoy paint. Very hard, slick finish. NOTE: Must cure for 30 days before submerging. Sold by the gallon.

Color	Order#
Gloss White	167475
OSHA Safety Blue	167481
OSHA Safety Green	167482
OSHA Safety Orange	167483
OSHA Safety Red	167480

Gaffs

Stainless steel V-shaped hook.

Size	Order#
4'	751244
5'	751245
6'	751246

Stainless steel pointed hook, rubber ends.

Size	Order#
4'	751240
5'	751241
6'	751242

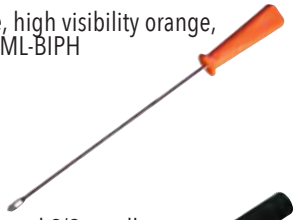
Wooden handle with stainless steel hook and fiberglass end.

Size	Order#	Size	Order#
4'	739321	6'	739323
5'	739322	8'	739324

Replacement Hook
HML-GAFFHK-2/0
Order# 118300

Bait Irons

Textured polymer handle, high visibility orange, stainless steel needle. HML-BIPH



Size	Order#
12"	175903
14"	175902
16"	753053

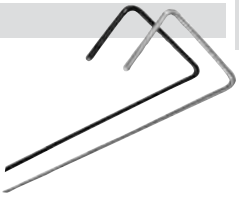
Painted wood handle. Forged S/S needle. Imported. HML-BI

Size	Order#
12"	170005
14"	170006
16"	170007

Green plastic grip handle. HML-BIGH

Size	Order#
12"	761112
14"	757412
16"	761113

15" Bait Spikes



Type	Order#
Aluminum	168130
Vinyl Coated	168129

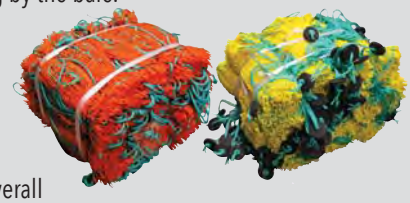
Tee Handle Drag Hooks

24" Stainless Steel
Order# 170002

30" Galvanized Steel
Order# 749856

Bait Bags

10 dozen pieces per brick. 10 bricks per bale.
Call for pricing by the bale.



Mesh Size	Slide	Overall Length	Color	Order#
3/4"	no	9"	Black	118214
	yes	9"	Black	732125
1"	no	7"	Yellow	177670
	no	9"	Yellow	166740
	no	12"	Yellow	166741
	no	14"	Yellow	155103
	yes	9"	Yellow	733582
	yes	12"	Yellow	733583
	yes	14"	Yellow	733580
1.5"	no	7"	Orange	170490
	no	9"	Orange	118215
	no	12"	Orange	166748
	no	14"	Orange	118213
	no	16"	Orange	167436
	yes	9"	Orange	142007
	yes	12"	Orange	166746
	yes	14"	Orange	162779
	yes	16"	Orange	167435

Lee Fisher INTERNATIONAL, INC.

Bait Bags

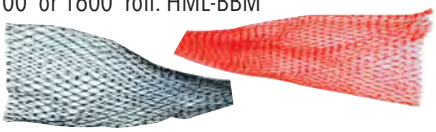
Mesh Size	Slide	Overall Length	Color	Order#
1"	no	7"	Blue	164367
	no	9"	Blue	164368
	no	12"	Blue	164369
	no	14"	Blue	164370
1.5"	no	12"	Orange	169983

Bait Bag Slide Only

1-7/16" Dia. Approx. 105 pieces per bag.
HML-BB-SLIDE **Order# 746447**

Bait Bag Material

Extruded 1" polypropylene mesh, sold by the 100' or 1600' roll. HML-BBM



Size	Color	Weight	Order#	Order#
12.25"	Black	Light	733099	118244
15.25"	Yellow	Reg	733106	118245
14.5"	Blue	Light	733100	729394
14.5"	Green	Med	733101	150301
14.5"	Orange*	Heavy	733102	150303
14.5"	Red*	Heavy	733103	150304
14.5"	Rust Org	Heavy	733105	150302

*Neon

Coated Polyester Sand Flea Bags

Orange. 9" x 9".
Internal velcro closure.
HML-BBSF-9X9O
Order# 728376

Nylon Bait Saver Bait Bags

Orange. 7-1/2" x 9-1/2".
Slide closure.
HML-BBSFN-9O
Order# 746443

Black with large holes.
9" x 10". HML-BBSFN-9B
Order# 761678

Buoy Marker Flags

7" x 9" mesh cloth.

Color	Order#
Black	172625
Green	172624
Orange	172623
Yellow	172622

Nylon Buoy Marker Flag

7" x 9" mesh. Neon Yellow.
Order# 756424

Trawl Flags

15" x 17" mesh cloth.

Color	Order#
Black	118749
Green	118750
Orange	118751
Yellow	118752

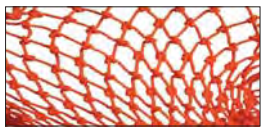
Nylon Trawl Flags

15" x 17" mesh.

Color	Order#
Neon Yellow	756423
Green	759971

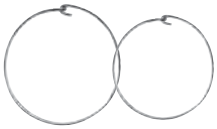
Bait Bag Material

Approximately 85' per strip.
10 strips per bale. Orange.



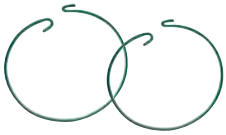
Mesh Size	Order#
3/4"	746445
1"	746446
1-1/2"	728528

Funny Eyes
Heavy Duty Gauge Aluminum.
HML-EYE-HD



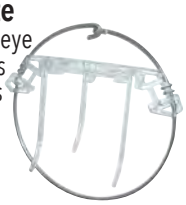
Dia	Order#
6"	**760240**
6-1/2"	**760241**
7"	**760242**

Hoop Rings
Galvanized steel, green vinyl coated.



Dia.	Order#
6"	**176890**
6.5"	**176888**
7"	**176889**

Lobster Trap Hoop Gate
Plastic gate clips onto funny eye (not included) with hog rings (included). Small hoop gates fit funny eyes smaller than 5-1/2" and large hoop gates fit funny eyes over 5-1/2".



Size	Order#
Small	**168631**
Large	**168632**

Runner Brackets

Size	Order#
3/8" x 1" x 5-1/2"	**177690**
3/8" x 1" x 8"	**744306**

Wood Trap Runners
Beveled ends. Sold by the each or bundle of 12

Size	Type	Order#
1" x 1-1/2" x 3'	Oak	**750841**
1" x 1-1/2" x 4'	Oak	**750842**
1" x 1-1/2" x 3'	Ash	**171282**
1" x 1-1/2" x 4'	Ash	**171216**

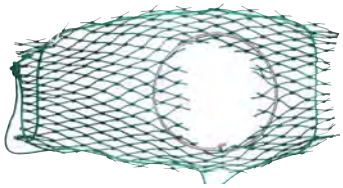
Trap Runner Screws
Stainless steel, round truss, square drive. Priced per lb.

Part#	Size	Order#
HML-TSTD10X.75	10 x 3/4"	**752772**
HML-TSTD10X100	10 x 1"	**167558**
HML-TSTD10X125	10 x 1-1/4"	**166520**

Parlor Head

17.5" x 20". Green mesh with skate mouth.
HML-PHSG-17520 **Order# 172199**

Side Heads
2" green mesh with funny eye



Name	Size	Order#
Standard	9" x 12"	**170721**
Portland	10" x 14"	**170720**

Tire Strips
Sidewall strips are packaged in bundles of 50 and Die Cut strips are in bags of 500.

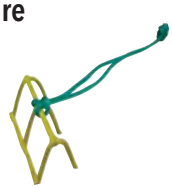
Description	Order#
Sidewall Strip, 1" x 6'	**118356**
Die Cut Strip, 1" x 6"	**118279**

Ergo Brick Trap Weight

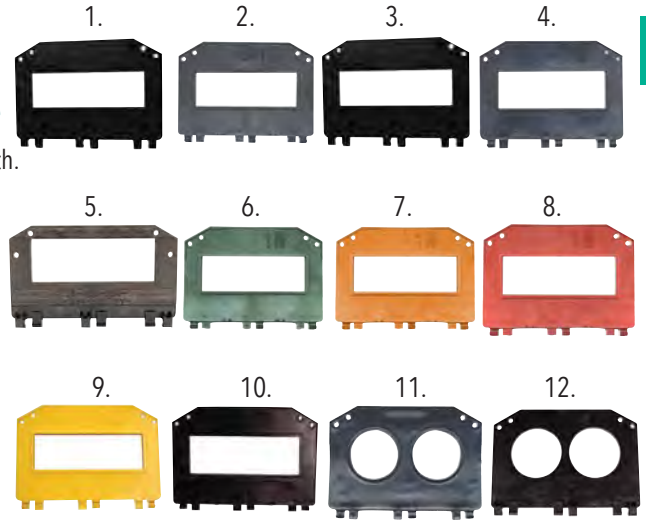
4 lbs. Coated. Green.
HML-ERGOBRICK **Order# 169997**

Trap Corner Tool
HML-CORNERTOOL
Order# 172827

Trap Door Closure
Assorted colors.
Order# 170719



Escape Vents



	Part#	Description	Size	Order#
1.	HML-BV-195	Lobster, Black	1-3/4"	**167621**
2.	HML-VENTBLK178	Lobster, Black	1-7/8"	**162519**
3.	HML-BV-190	Lobster, Black	1-13/16"	**167394**
4.	HML-VENTBLACK	Lobster, Black	1-15/16"	**161943**
5.	HML-VENTBLK-LB	Lobster, Low Boy Black	1-15/16"	**169476**
6.	HML-VENTGREEN	Lobster, Green	1-15/16"	**161944**
7.	HML-VENTORANGE	Lobster, Orange	1-15/16"	**161945**
8.	HML-VENTRED	Lobster, Red	1-15/16"	**161947**
9.	HML-VENTYELLOW	Lobster, Yellow	1-15/16"	**161946**
10.	HML-VENTBLK200	Lobster, Black	2"	**734961**
11.	HML-VENTBLK244	Crab, Black	2-7/16"	**162806**
12.	HML-VENTBLK263	Crab, Black	2-5/8"	**729142**

Bait Cleats
Sold by the each or case. All measure 5-1/8" x 1-1/8"

	Type	Case Qty	Color	Order#
1.	1-1/2" straight	200	Black	**161941**
2.	1-1/2" straight	200	Orange	**161940**
3.	1-1/2" straight	200	White	**163285**
4.	1-1/2" straight	200	Yellow	**161942**
5.	Kam door cleat	175	Black	**747744**
6.	Kam door cleat	175	White	**156278**

Lobster Trap Corners
Plastic, 275 per case.
HML-CORNER

Color	Order#
Black	**155305**
Green	**161949**
Orange	**161950**
White	**161951**
Yellow	**161948**

800-639-2715

Lobster Traps

Trap consists of imported black wire, 1-1/2" mesh. (2) side heads with 7" funnel hoops, (1) parlor head* (1) bait cleat (1) vent 1-15/16" (2) weights (2) oak runners with 2 runner brackets each. 1) gate closure with shock cord. * 4' trap comes with 2 parlor heads

Trap Size	Order#
3' (21.5" x 36")	**174820**
4' (21.5" x 48")	**174819**

Lobster Trap Kits *Ready to Fish!*

Includes lobster trap, 60' of 3/8" sinking potwarp, pot warp spinner, 24" PVC buoy spindle, white spindle washer, 600 lb. breakaway swivel, 5x11 Seamaster lobster buoy and stainless steel 1/8" x 1-1/2" cotter pin. **Note:** We suggest you make a short bridle on the trap end for easier hauling.

Trap Size	Order#
3'	**177176**
4'	**733595**

Lobster Crate

OVERSIZE! Extra Freight

Optimum buoyancy and drainage for floating storage. All-plastic construction for life in a rough, corrosive environment. Empty nesting to reduce freight and storage costs. Low, consistent tare weight. Attached lid with snap-in-place latches and security tie provisions. 20"W x 31.5"L x 16"H.
HML-LOB-CRATE **Order# 158132**

Lid Latch **Order# 170554**

Fish Totes

Plastic. No Holes.

Description	Dimensions	Capacity	Order#
Black	28"Lx16"Wx11"D	70 Liters	**118291**
Gray	28"Lx16"Wx11"D	70 Liters	**736466**
Blue	28"Lx16"Wx14"D	85 Liters	**760085**
Gray Cover			**118289**

Rubber Bucket

Holds 8 quarts. Fiber reinforced molded rubber. Crack and crush resistant. Remains flexible at low temperatures and absorbs shock. Black. HMS-BLK-BUCKET
Order# 174363

Food Grade Shovels

Durable, lightweight polypropylene. Resists chemicals, corrosion, rust & sparks.

Size	Color	Order#
11"	White	**118339**
14"	White	**118338**
14"	Blue	**733607**
14"	Red	**733606**
14"	Orange	**758390**

Large Orange Basket

Round, orange plastic, with holes. Approx. 1 bushel.
HML-BASKET-PAS
Order# 118243

5 Gallon Plastic Buckets

HM-BUCKET-5
Order# 163097

Bucket Cover

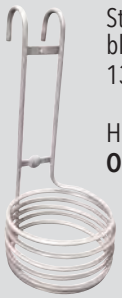
HM-BUCKET-5CMM
Order# 734839

Plastic Barrels

Plastic barrels with non-removable covers. Colors vary with availability. HM-BARREL

Size	Order#
30 Gal	**149417**
35 Gal	**117625**
55 Gal	**117626**
60 Gal	**117627**

Hot Tub Coils



Stainless steel tubing. Do not bleach. Includes zinc.
13" Diameter x 30" High

HML-HTCS
Order# 122640

17" Diameter x 24" High

HML-HTCCC
Order# 122639

Steel Trap Drag

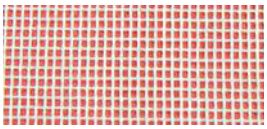
Two eyes and six tangs.
HML-TRAPDRAG
Order# 757923

Elver/Eel Dip Net

Double stitched dip net with rugged rot resistant polyester thread. Telescoping lightweight aluminum alloy handle. Handle telescopes 6' - 11'.

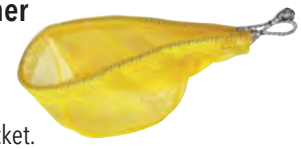
Description	Order#
Net w/Handle	**118503**
Replacement Net	**171198**

Elver Eel Netting



White polyester. 96" wide. Sold by the yard. Approx. 155 yards per roll. HMN-NETELVERS **Order# 118505**

Elver Eel Strainer



Double stitched netting. Shock cord runs through seam to fit a 5 gallon bucket.
HMN-ELVERS-STR **Order# 750131**

Swordfish Dart & Shank

Can also be used for Halibut. 24" long, 1-3/8" socket diameter. 1.5 lb. Plain bronze.
BKA-00DS500 **Order# 103398**

Dart Only, 5", bronze.
BKA-00SFD500
Order# 103540

Circle Fish Hooks

50 per bag.

Size	Order#
15/0	**754475**
16/0	**754474**

Long Line Snaps

Stainless steel

Size	Length	Order#
Small, 8/0	4.5"	**761648**
Medium, 10/0	4.75"	**761649**
Large, 12/0	5.25"	**761650**

Long Line

#7 twill tire cord. 1000 ft reel. HML-CORDLL
Order# 118265

Float Spacer
Black PVC. 3"OD x 3"L x 1"ID hole. HM-SPACER
Order# 163042

Hard PVC Center Hole Floats
13/16" ID hole

Size	Order#
8"	**135062**
11"	**135057**

Muslin Scallop Bag
HMS-SB **Order# 118729**

Scallop Ties
About 250/lb
HMS-SCAL-TIE **Order# 118734**

Scallop Tie Twister
HMS-TWISTER **Order# 118756**

Scallop Rings
7/16" x 4". Fifty pound pail contains approximately 84 pieces. HMS-492151400 **Order# 166346**

1/4" x 2". 525 rings per pail.
HMS-HRG04 **Order# 732725**

Scallop Links
3/8" x 1-1/8". Fifty pound pail has approx. 385 pieces. 7-8 pieces per pound. HMS-520-100-20
Order# 118723

Link Closer
COO-0290-MLC **Order# 106217**

Urchin Rake
Four tines, 304 stainless steel. 14" long with molded handle. HM-UR **Order# 756440**

Divers Catch Bags
Square handles,
1/4" mesh.

Size	Handle	Order#
27" x 28"	Uncoated	**761697**
27" x 28"	Coated	**138434**
27" x 33"	Uncoated	**761698**
27" x 33"	Coated	**138435**

Dive Flags See Page 34

SeamGrip®
Waterproof, flexible urethane formula for use in repairing surfaces or sealing seams of natural and synthetic fabrics, waterproof laminates, leather and vinyl. Use on all types of neoprene, PVC and rubber. Excellent adhesion, long lasting flexibility, superior traction and abrasion resistance with minimal shrinkage. 1 oz.
MNC-10510 **Order# 158888**

AquaSeal®
Repairs all types of wader fabrics and materials including breathables. Provides superior adhesion, wear resistance, flexibility and waterproofing. Highly concentrated formula provides thick repairs and minimal adhesive shrinkage with only one application.

Part#	Description	Order#
MNC-10114	AquaSeal, 0.75oz.	**158886**
MNC-10714	AquaSeal, 8oz.	**158889**
MNC-11114	AquaSeal w/Cotol, 1oz.	**158890**

UV Tech™ Protectant & Rejuvenator
Shields all kinds of materials from harmful UV rays to prevent fading fabrics, deteriorating rubber and discolored fiberglass. It's a high tech sunscreen for your gear. 4 oz. MNC-22795 **Order# 751297**

Seal Cement™
Fast bonding for nearly instant repairs of neoprene. Extremely elastic. Ideal for quick, in-field repairs to wet & dry suits, boots & gloves. Perfect for bonding foam pads in kayaks & canoes. Cures in approx. 30 min.

Part#	Description	Order#
MNC-14114	Black, 2oz. tube	**158893**
MNC-14414	Black, 4oz. can	**158895**

Sea Drops™
New improved formula of the world's most popular dive mask anti-fog. Specialized liquid also provides gentle cleaning. Safe for all glass & plastic lenses. 1.25 oz. MNC-40114 **Order# 158901**

Sea Gold™
Anti-fog gel for dive masks. Highly concentrated gel for quick in-field applications. Safe for all glass & plastic lenses. 1.25 oz.
MNC-40851 **Order# 160880**

Silicone Grease
100% pure silicone lubricant. High viscosity silicone lubricant and conditioner for O-rings, regulators, B.C.D. valves, cylinder O-rings, pressure systems & camera housings. 1/4 oz. MNC-26120 **Order# 158897**

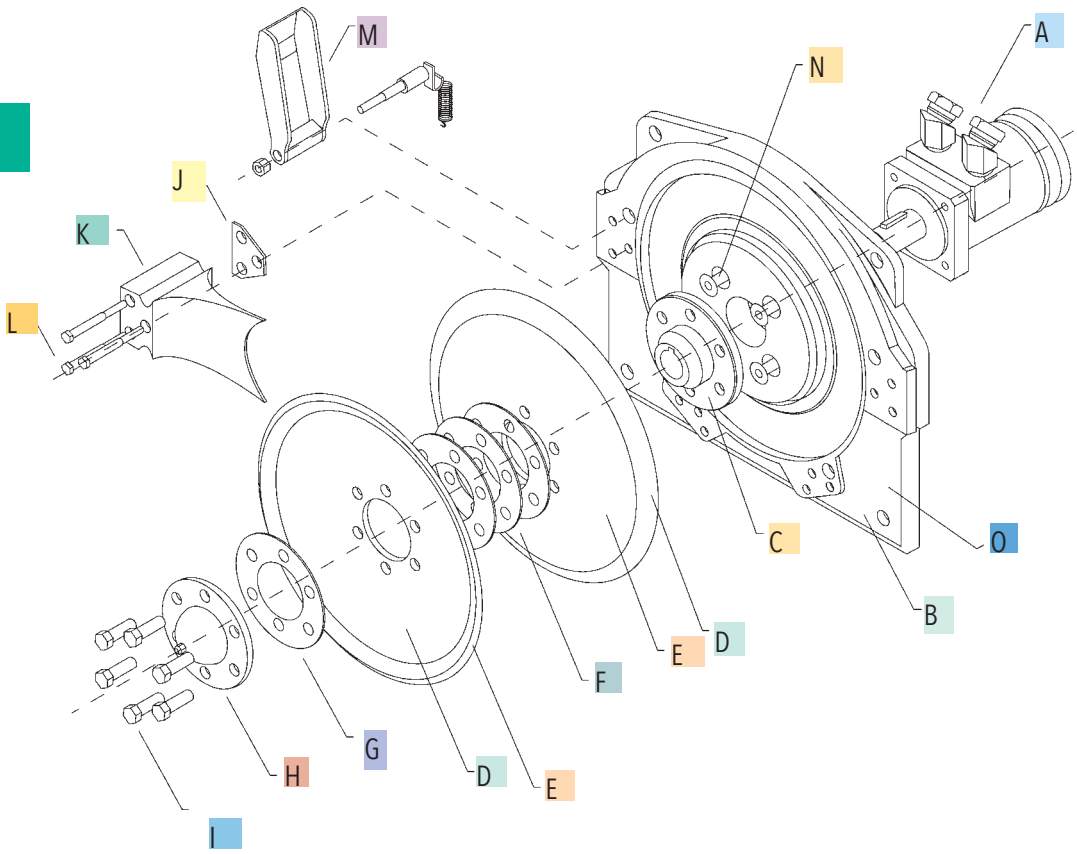
Freesole®
Urethane formula shoe repair, restores and rebuilds all types of footwear. Unaffected by heat or solvents. Cures to a flexible thermoset rubber product with superior adhesion, wear resistance, and waterproofing. Minimal shrinkage. 1 oz. MNC-10410 **Order# 158887**

Zip Tech™
Heavy duty formula for multi-dive lubrication on all types of zippers. The industry standard, absolutely essential for waterproof drysuit zippers. Eases closure, reduces wear and protects against rust, chlorine and salt damage. Contains no silicone or paraffin. MNC-27100 **Order# 158898**

Snap & Zipper Lubricant with PTEF
Protect against corrosion, reduce wear and friction, prevent binding and repel salt spray deposits. Non-toxic, non-staining. Will not wash off. Protects from -65°F to 650°F. White teflon. 2 oz.
STA-89102 **Order# 132007**

Zipper Ease
Lubrication stick for use on all zippers that are exposed to salt water or chlorine. STE-ZIPPER-ESE **Order# 132892**

Wet Suit Eze Super Slick Powder
Easy dressing of wetsuits, gloves, boots, hoods & drysuit neck & wrist seals. A unique blend of powders, smooth as silk. No odor. Will work on all neoprene products, 8 oz. TDV-LP45 **Order# 159164**



Gasoline Engine Driven Hydraulic Power Unit

Honda engine, Parker hydraulic gear pump, 5 gallon aluminum hydraulic tank, mounted on aluminum base plate with carrying handle. 1688 psi engine stall pressure. Approx. 19W" x 22.5"L x 22.5"H. Dry weight approx. 83. lbs. With recoil start & engine oil alert.

Power	GPM	Engine	Order#
5.5 HP	5	GX160	**171777**
9 HP	8	GX270	**170428**

Pot Hauler Head Assemblies

Size	Order#
10"	**122909**
12"	**122948**
14"	**122982**

A. Motors

Hauler Size	Char-Lynn #	Shaft Size	Max Flow (GPM)	Displacement (Cubic Inches)	Speed Max (RPM)	Torque Max (Lbs)	Mounting Bolts	Order#
10"	101-1004	1"	12	9.7	350	2059	4	**155472**
10"	101-1006	1"	15	14.1	243	2650	4	**145197**
12"	101-1007	1"	15	17.9	192	3110	4	**163142**
14"	104-1025	1 1/4"	20	9.6	430	3940	2	**175350**
14"	104-1026	1 1/4"	20	11.9	355	4860	2	**175349**
14"	104-1027	1 1/4"	20	14.9	295	5850	2	**177698**
14"	104-1440	1 1/4"	20	18.7	246	6750	4	**169999**

17" Pot Hauler Parts

	Description	Order#
C	Hub, Stainless	**761703**
D	Steel Discs (pr)	**761702**
E	Disc Liner, Galv	**171264**
F	Shim	**176121**
H	Hub Cover, Stainless	**761704**
J	Splitter Shim	**742099**
K	Splitter, Steel	**176117**
K	Splitter, Bronze	**176120** N
M	Rope Deflector, Bronze	**761705**

	10" Pot Hauler Parts		12" Pot Hauler Parts		14" Pot Hauler Parts	
	Description	Order#	Description	Order#	Description	Order#
B	Backing Plate 90° Aluminum	**122922** N	Backing Plate 90° Alum	**123030**	Backing Plate 90° Alum	**747980**
B					Backing Plate 90° S/S	**151281** N
C	Hub, Stainless	**147031**	Hub, Stainless	**147405**	Hub, Stainless	**122928**
D	Steel Discs (pr)	**122950**	Steel Discs (pr)	**122935**	Steel Discs (pr)	**123038**
D	Stainless Steel Discs (pr)	**122937**	Stainless Steel Discs (pr)	**122936**	Stainless Steel Discs (pr)	**122947**
E	Galvanized Disc Liners (pr)	**122968**	Galvanized Disc Liners (pr)	**122967**	Galvanized Disc Liners (pr)	**122991**
F	Shim, Thin (ea)	**122921**	Shim, Thin (ea)	**122915**	Shim, Thin (ea)	**122915**
F	Shim, Thick (ea)	**123017**	Shim, Thick (ea)	**122914**	Shim, Thick (ea)	**122914**
G	Hub Cap Gasket	**123028**	Hub Cap Gasket	**123029**	Hub Cap Gasket	**123029**
H	Hub Cap	**123026**	Hub Cap	**122944**	Hub Cap	**122944**
I	Cap Screw, S/S, 3/8" x 1"	**111023**	Cap Screw, S/S, 7/16" x 1"	**111048**	Cap Screw, S/S,1/2"x1-1/4"	**111065**
I					Cap Screw, S/S, 1/2"x1-1/2"	**111066**
J	Splitter Shim, 1/32"	**123033**	Splitter Shim, 1/32"	**123033**	Splitter Shim, 1/32"	**123033**
K	Splitter, Steel	**123023**	Splitter, Steel	**123022**	Splitter, Steel	**123034**
K	Splitter, Stainless	**175900**	Splitter, Stainless	**175512**	Splitter, Stainless	**175901**
L	Cap Screw, S/S, 5/16"x2.75"	**111009**	Cap Screw, S/S, 5/16"x2.75"	**111009**	Cap Screw, S/S, 5/16" x3"	**111010**
M	Nylon Bushing	**123013**	Nylon Bushing	**123013**	Nylon Bushing	**123013**
M	Deflector Spring	**123039**	Deflector Spring	**123039**	Deflector Spring	**123039**
M	S/S Bolt for Rope Deflector	**123014**	S/S Bolt for Rope Deflector	**123014**	S/S Bolt for Rope Deflector	**123014**
M	Rope Deflector, S/S	**177600** N	Rope Deflector, S/S	**177600**	Rope Deflector, S/S	**740661** N
M	Rope Deflector, Bronze	**164684**	Rope Deflector, Bronze	**164684**	Rope Deflector, Bronze	**164684**
N	Allen Bolt, S/S 3/8" x 7/8"	**748430**	Allen Bolt, S/S 3/8" x 7/8"	**748430**	Allen Bolt, S/S 1/2" x 2.19"	**177702** N
N					Allen Bolt, S/S 1/2" x 2.25"	**177703**
O	Fairlead Pin, S/S, 3"	**145584**	Fairlead Pin, S/S, 3"	**145584**	Fairlead Pin, S/S 4"	**141503**
O	Fairlead, 3" Aluminum	**147660**	Fairlead, 3" Aluminum	**147660**	Fairlead Complete, 4" Alum	**122989**
O	Fairlead, 3" S/S	**150248**	Fairlead, 3" S/S	**150248**	Fairlead Complete, 4" Nylon	**163120**
O	Fairlead Complete 3" Alum	**123050**	Fairlead Complete, 3" Alum	**123050**	Fairlead Complete 4" S/S	**746164**

Ogura Belt Clutch

12v, 250ft.-lb., two groove 8.24 OD pulley. Compatible with Gresen TC-24 pump.

Part#	Description	Order#
MHD-1415-4	Ogura Clutch	**136822** N
MHD-48	Adjustable Bracket	**123006**

Gresen Electric Clutch

12v, 200ft.-lb. Shaft or V-Belt Driven. No Maintenance. Thousands in marine use. 1 year guarantee!

Part#	Description	Order#
MHD-MMC28E-03	Direct Drive Clutch, Keyed Shaft	**170307**
PIT-13219	Direct Drive Bracket	**126714**
MHD-1280	Drive Shaft	**122929**

Adjustable Pump Bracket

Hinge style. MHD-13004
Order# 756918

TC-24 Vane Pump

24 Gallons at 1200 RPM. For 10", 12" & 14" pot haulers.
Order# 123007

VQ25 Vane Pump

2500 PSI. For 10", 12" & 14" pot haulers.
Order# 159621

Rotary Spool Valves

Valves have 3/4" NPT in/out ports and 1/2" NPT working port

Hauler	Flow	Pressure Relief Setting	Type	Order#
1. 8", 10"	15 GPM	1800 PSI	Steel	**144447**
2. 12", 14", 17"	30 GPM	2000 PSI	Steel	**174360**
3. 12", 14", 17"	35 GPM	1500 PSI	S/S	**156196**
4. 12", 14", 17"	45 GPM	1500 PSI	S/S	**750235**

Control Handle & Base

Stainless Steel. Fits 10", 12" & 14" pot haulers.
MHD-72S **Order# 153910**

Filter Assembly

Spin-on type. For 10", 12" & 14" pot haulers.
Order# 123053

Filter Element

Spin-on, 10 Micron. For 10", 12" & 14" pot haulers.
Order# 123073

Superior Lobster Blocks

Zinc plated with safety latch and greasable swivel. Forged steel hook. Aluminum sheaves. Heat treated aluminum castings. Stainless steel fasteners.Bearing: tapered roller. Shields: cast-in labyrinth. Seals: neoprene lip on stainless steel. Capacity: 1500 lbs.

Size 4

Sheave Dia. 4" Weight: 7.56 lbs. Throat Opening Dimensions: Width: 2-5/8", Height from sheave: 4-1/2", Height from lip: 3-3/4". Overall Block Height: 14-1/4". Height, Hanging point to warp: 8-5/8".

Part#	Description	Order#
SUP-4-HL	High Lip Lobster Block	**133326**
SUP-4-LL	Low Lip Lobster Block	**133328**
SUP-4SPR	Splash Guard	**152789**
SUP-4SHVN	Nylon Sheave	**737637**
SUP-4-ASA	Aluminum Sheave	**133321**
SUP-4-HK	Galvanized Steel Hook w/Latch	**133325**

Size 5

Sheave Dia. 5", Weight: 10.6 lbs. Throat Opening Dimensions: Width: 4-1/4", Height from sheave: 4-3/4", Height from lip: 3-3/4". Overall Block Height: 15-1/4". Height, Hanging point to warp: 8-3/4".

Part#	Description	Order#
SUP-5-SBLL	Short Back, Low Lip	**133341**
SUP-5-SBHL	Short Back, High Lip	**133340**
SUP-5-LBLL	Long Back, Low Lip	**133339**
SUP-5-LBHL	Long Back, High Lip	**133338**
SUP-5SPR	Splash Guard	**152790**
SUP-5SHVN	Nylon Sheave	**737638**
SUP-5-ASA	Aluminum Sheave	**133331**
SUP-5-HK	Galvanized Steel Hook w/Latch	**133337** N

Superior Skiff Block

100 lb capacity. Made for hauling by hand.
SUP-SKIFFBLOCK **Order# 740353**

Davit Poles

Made of 304 stainless steel. 53" tall with 67" standoff rod. Assembly includes davit pole, bottom bracket, side bracket, brace rod & bracket.

Part#	Order#	I.D. Dia
HML-DA150	**175946**	1-1/2"
HML-DA200	**175945**	2"

Aluminum Hydraulic Tanks

For 10", 12" & 14" pot haulers

Size	Order#
6 Gal	**122916**
12 Gal	**122918**

Electra-Dyne Electric Pot Haulers

Both Electra-Dyne Hauler Kits come complete and ready to go, the only other items you need to buy are battery cables & #6 wire for the switch. The hauler unit is made up of a motor, gear box, discs, disc shims, splitter & switch. Amp draw varies depending upon use. Under load (36-45amps), under regular use, very low amp draw. ***To make the sheaves turn in opposite direction, reverse the polarity at the motor.***

Electra-Dyne Pot Hauler Switch 2 positions: On-Off

6-36 volts. Brass case. Chrome plated die cast lever. Two 3/8" dia. stud terminals. Brass mounting stem 3/4" dia., 1 15/16" long. Fits panels up through 15/16" thick. UL Listed. COL-M-28401-BP
Order# 142637

Pot Hauler Kits -One Direction Turning*

10" Kit ELD-ED750010HD **Order# 109953**
12" Kit ELD-ED750012HD **Order# 109954**

Other parts and prices available upon request

10" Hauler Parts

Description	Order#
Large Handle Only	**109956**
85 Amp Solenoid	**142597**
Motor, 12volt, 3/4 HP	**109941**
Hub Cap, Cast Aluminum	**109936**
Fairlead	**750927**
Splitter, Steel	**123023**
Splitter, Bronze	**123036** N
Shim, Plastic, Thick	**123017**
Shim, Plastic, Thin	**735173**
Discs, Steel, Per Pair	**122950**
Discs, Stainless Steel, Pair	**109962** N
Disc Liners, Per Pair	**122968**

12" Hauler Parts

Description	Order#
Large Handle Only	**109956**
85 Amp Solenoid	**142597**
Motor, 12volt, 3/4 HP	**109941**
Hub Cap, Cast Aluminum	**109937**
Fairlead	**750927**
Splitter, Steel	**123022**
Shim, Thick	**122914**
Shim, Thin	**122915**
Discs, Steel, Painted, Per Pair	**122935**
Disc Liners, Per Pair	**122967**
Rope Deflector	**109951**

Lap Links

Low carbon steel. Blu-Krome finish. For temporary chain repair and coupling of attachments. Do not use for overhead lifting. COO-580

Size	Order#
1/4" x 1-1/4"	**149230**
5/16" x 1-1/2"	**149227**
3/8" x 2"	**149228** N
1/2" x 2-1/2"	**167189**

Swivel Hooks w/Latch

Painted Steel CBY-10-486

Tons	Order#
1	**105415**
1-1/2	**105416**
2	**105417**
3	**105418**

Snap Hooks

Galvanized CGO-22

WLL (tons)	Eye I.D.	Order#
1/2	1-1/8"	**105617**
3/4	3/4"	**105613**
1	7/8"	**105614**
1-1/2	1"	**105615**

Quick Links

Zinc Plated

Model#	Size	Workload	Order#
764-5126	1/4"	1250 lbs	**106384**
764-5136	5/16"	1540 lbs	**106385**
764-5146	3/8"	2650 lbs	**106386**

SUNCOR Stainless

Quick Links

Size	WLL lbs.	Order#
1/8"	300	**130194**
5/32"	400	**153355**
3/16"	800	**130195**
1/4"	1200	**130292**
9/32"	1400	**153357**
5/16"	2000	**130196**
23/64"	3000	**153358**
3/8"	3500	**130197**
1/2"	5000	**130198**

Cold Shuts

Zinc Plated

Part#	Size	Workload	Order#
CMC-52291	5/16"	1300 lbs	**177000**
CMC-52591	1/2"	3700 lbs	**177003**

Hammerlock

Part#	Size	Order#
MGI-HMLAP050	1/2"	**122738**

Galvanized Connecting Links

Part#	Size	Workload	Order#
CBY-10-13138	5/16"	1950 lbs	**105348**
CBY-10-13156	3/8"	2750 lbs	**105350**
CBY-10-13192	1/2"	4750 lbs	**105352**
CBY-10-13236	5/8"	7250 lbs	**105354**

Galvanized Split Links

Part#	Size	Order#
TRW-HBLDS12G	1/2"	**735573**
TRW-HBLDS16G	5/8"	**735574**

Clevis Grab Hook

Grade 43, Zinc Plated

Size	Workload	Order#
1/4"	2600 lbs	**174827**
5/16"	3900 lbs	**174831**
3/8"	5400 lbs	**174832**
1/2"	9200 lbs	**174833**

Clevis Slip Hook

Grade 43, Zinc Plated

Size	Workload	Order#
1/4"	2600 lbs	**174823**
5/16"	3900 lbs	**174824**
3/8"	5400 lbs	**174825**
1/2"	9200 lbs	**174826**

Eye Type Grab Hook

Grade 30, Zinc Plated

Size	Workload	Order#
5/16"	1900 lbs	**748279**
3/8"	2650 lbs	**174839**
1/2"	4500 lbs	**174840**

Blue Line™ Swing Blocks

7/8" or 1" nylon or steel sheave. 1 ton work load.
TRW-HBLKSW1

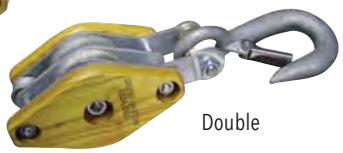
Description	Order#
7/8" Nylon Sheave	**169597**
1" Nylon Sheave	**169596**
7/8" Steel Sheave	**169595**
1" Steel Sheave	**169585**

Blocks For Manila Rope

Loose Side Hooks And Beckets

MADE IN THE USA

Single



Double

Part#	Size	Rope Dia	Order#
CBY-06-03831	4" Single	1/2"	**105319**
CBY-06-03859	5" Single	5/8"	**105320**
CBY-06-03877	6" Single	3/4"	**105321**
CBY-06-04652	5" Double	5/8"	**105324**

Wood Blocks

Sheave lubrication through pressure lube fitting in center pin. Hot Dip galvanized. Self-Lubricated Bronze Bushing. Drop forged fittings. Imported.
HM-530500

Size	Rope Dia.	WLL(lbs)	Order#
4" Double	1/2"	1400	**170924**
5" Double	5/8"	1800	**170926**
6" Double	3/4"	2500	**170927**
4" Single	1/2"	1000	**170920**
5" Single	5/8"	1200	**170921**
6" Single	3/4"	1800	**170922**

Chafing Gear Shingles

Split heavy duty.
HMS-SCG-HD
Order# 118736

Cookie

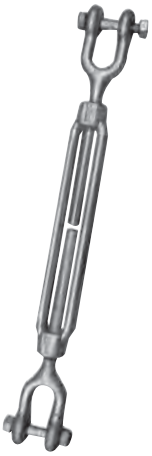
Sold by the pound or 50 lb bag. 50 lb bags contain approximately 550 pieces.

Part#	Size	Order#
FBR-2020	2-3/8" x 5/8"	**113907**
FBR-2020A	2-3/8" x 3/4"	**761701**

We Mark & Swage Wire

Galvanized Turnbuckles

Part#	Size	Order#
HM-TBGJJ031X45	5/16"x4-1/2"	**117799**
HM-TBGJJ038X6	3/8"x6"	**117801**
HM-TBGJJ050X6	1/2"x6"	**117803**
HM-TBGJJ050X9	1/2"x9"	**117804**
HM-TBGJJ050X12	1/2"x12"	**117802**
HM-TBGJJ063X6	5/8"x6"	**117806**
HM-TBGJJ063X9	5/8"x9"	**117807**
HM-TBGJJ063X12	5/8"x12"	**117805**
HM-TBGJJ075X6	3/4"x6"	**117809**
HM-TBGJJ075X9	3/4"x9"	**117810**
HM-TBGJJ075X12	3/4"x12"	**117808**
HM-TBGJJ100X12	1"x12"	**117814** N
HM-TBGJJ100X18	1"x18"	**117815**



Swivels
Steel with stainless steel center.

Size	Order#
3/8"	**135020**
1/2"	**135021**
5/8"	**135022**

Swivels
Drop forged.

Size	Order#
5/8"	**135023**
3/4"	**135024**
7/8"	**135025**

Trawl Shackles
Red -High Strength
CBY-10187

Size	WLL	Order#
1/2"	2 ton	**166085**
5/8"	3.25 ton	**166086**
3/4"	4.75 ton	**166087**
7/8"	6.5 ton	**170477**

Pipe Thimbles
TRW-HBLG2

Size	Order#
3/8"	**135050**
1/2"	**135051**
5/8"	**135052**

Trawl Shackles
Commercial Grade, Self-Colored
HMS-STCH0

Size	Order#	#/Bag
1/4"	**118740**	1000
5/16"	**118741**	500
3/8"	**118742**	300
1/2"	**118743**	150
5/8"	**118744**	70
3/4"	**118745**	40
7/8"	**118746**	30

Trawl Shackles
Blue Alloy
MGI-1STCHA

Size	Order#
3/8"	**122717**
1/2"	**122718**
5/8"	**122719**
3/4"	**122720**

Try-Net Block 5 Ton
6" Galvanized Block, Needle Bearings
CBY-2001763
Order# 105509

Imported
TWR-5TON-TNB
Order# 730373

Try-Net Block 10 Ton

8" Galvanized Block, Needle Bearings
CBY-130726
Order# 105502

Malleable Iron Shell Blocks
Extra Heavy
Loose Side Hooks

Part#	Size	Rope Dia	Order#
CBY-06-80999	6" Single	3/4"	**105328**
CBY-06-81015	8" Single	1"	**105329**
CBY-06-81391	6" Double	3/4"	**105330**

6 x 7 Galvanized Cable with Fiber Core

Part#	Size	Gauge	Break Strength	Order#
WR-GV6X7-25	1/4"	6x7	4760	**136946**
WR-GV6X7-31	5/16"	6x7	7380	**136947**
WR-GV6X7-38	3/8"	6x7	10,540	**136948**
WR-GV6X7-44	7/16"	6x7	14,280	**136949**
WR-GV6X7-50	1/2"	6x7	18,540	**136950**
WR-GV6X7-63	5/8"	6x7	28,600	**136952**

6 x 19 Galvanized Cable with Fiber Core

Part#	Size	Gauge	Break Strength	Order#
WR-GV6X19-38	3/8"	6x19	10,980	**136924**
WR-GV6X19-44	7/16"	6x19	14,880	**136925**
WR-GV6X19-50	1/2"	6x19	19,260	**136926**
WR-GV6X19-63	5/8"	6x19	30,000	**136928**
WR-GV6X19-75	3/4"	6x19	42,800	**136930**

6 x 37 Galvanized Cable with steel core

Part#	Size	Gauge	Break Strength	Order#
WR-GV6X37-25	1/4"	6x37	5000	**136942**
WR-GV6X37-38	3/8"	6x37	10,800	**136943**
WR-GV6X37-50	1/2"	6x37	19,000	**136945**

6 x 25 Bright Wire Rope with steel core

Part#	Size	Gauge	Break Strength (tons)	Order#
WR-BRT6X25-38	3/8"	6x25	7.55	**141439**
WR-BRT6X25-4SC	7/16"	6x25	10.2	**148391** N

Hot Galvanized Wire Rope Clips

Part#	Size	Order#
MGI-CLPML013	1/8"	**122724**
MGI-CLPML019	3/16"	**122725**
MGI-CLPML025	1/4"	**122726**
MGI-CLPML031	5/16"	**122727**
MGI-CLPML038	3/8"	**122728**
MGI-CLPML044	7/16"	**122729**
MGI-CLPML050	1/2"	**122730**
MGI-CLPML063	5/8"	**122731**
MGI-CLPML075	3/4"	**122732**
MGI-CLPML088	7/8"	**122733**

HOT GALVANIZED!

Stainless Steel Wire Rope Clips

Size	Order#
3/16"	**130258**
1/4"	**130259**
5/16"	**130260**
3/8"	**130261**
1/2"	**145669**

SUNCOR Stainless

S0122

ROYAL MARINE

Rugged Commercial Deck Mats

These rugged commercial mats, surprisingly, are made from recycled tires. They are firm with a non-skid surface and offer excellent anti-fatigue properties. Sun and chemical resistant. Interlocking or straight models. These mats are nearly indestructible! 4' x 6'.

Thickness	Edge	Order#
5/8"	Straight	**159478**
5/8"	Interlocking	**742298**

Anti-Fatigue Mat

2-sided interlocking design. 100% re-vulcanized rubber, ideal for wet areas, workshops, wash stalls and more. 1/2" thick, 3' x 3'.
HTV-179873 **Order# 754535**

Teak & Holly Anti-Fatigue Mats

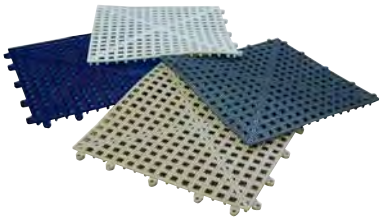
Teak & Holly anti-fatigue floor mats cushion your floor to deliver comfort and support where you stand, and reduce stress in your joints, feet and lower back. The synthetic Teak & Holly design is the perfect aesthetic for your boat's helm, galley or cockpit. The non-porous top is resistant to acids, salts and paints. Cushioned 3/8" closed cell foam base provides comfort and support on hard surfaces, for an overall height of 1/2". Durable, Aqua-Tread slip-resistant top and UV-stable finish will not crack or scratch. 20" x 36".

Color	Order#
Teak & Light Holly	**756399**
Teak & Dark Holly	**756401**

Dri-Deck Yacht Mats

These vinyl, interlocking panels provide drainage, ventilation, traction and surface protection. Use anywhere moisture and slippery surfaces are a problem. 12" x 12" panels.

Color	Order#
Almond	**107391**
Blue	**107393**
Gray	**107408**
White	**107410**



Bridge Plank

Rubber bridge plank with textured top. 12" x 24" x 1/2".
HM-BPLANK50 **Order# 757474**

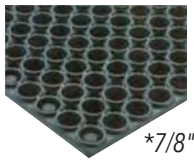
Titebond Bridge Plank Adhesive

A moisture resistant adhesive that offers excellent green grab and develops a superior bond that will remain flexible for the lifetime of the floor. For best results apply to the deck only.
Order# 758838

HEAVY DUTY COMMERCIAL

Tek-Tough Heavy Duty Anti-Fatigue Mats

Non-tracking formulation, excellent drainage, improved wear resistance, less creep and movement, easier handling & outstanding comfort. 3' x 5'.



*7/8" Thick

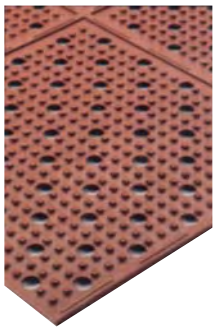
Part#	Thickness	Beveled Edge	Order#
TKA-436931	1/2"	Yes	**134697**
TKA-435001	7/8"	No	**134696**

1/2" Thick

Multi Mat II

Multi-Mat II is an outstanding drainage mat. 3/8" thick rubber construction provides an excellent traction surface even when wet. This combination of drainage and traction will minimize the potential for slips and falls which can lead to lost time and accidents. Reversible for longer wear. Brown.

Part#	Size	Order#
TKA-411565	3' x 4'	**134692**
TKA-411566	3' x 8'	**134693**



Optimat

The Honeycomb Anti-Fatigue Mat! This unique honeycomb design offers excellent foot comfort and ease of handling. 1/2" thick, foot comfort and support, lightweight design, provides good drainage, non-tracking, NSF certified.

Part#	Size	Order#
TKA-406179	3' x 4'	**134684**
TKA-406181	3' x 6'	**134685**

Oil Plaque
Order# 103219

Injury Plaque
Order# 103222

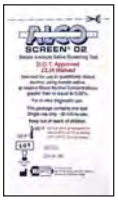
Illegal Dumping Plaque
Rigid plastic
Order# 103220
Self-Adhesive
Order# 142340

Illegal Drugs Plaque
Rigid plastic
Order# 103221

Carbon Monoxide Plaque
Rigid plastic. 6.25" x 1.25".
Order# 757042

Alcohol Saliva Screening Test

Alco-Screen 02 is a simple one-step saliva screening test that works in a clean, non-invasive manner and provides results within 4 minutes.
CEM-56024 **Order# 747395**



Down East Sportcraft, Inc. Rod Holders

All metal construction. Adjustable for horizontal or vertical. Use with fly rod, spinning rig, bait casting, or saltwater reels. For light/moderate fishing of fish up to 25lbs & up to 30lbs test line. Holds up to 1-1/8" diameter rod including fly rods.

1.

2.

Mounting Type	Order#
1. Inboard Mount	108592
2. Single 2" Clamp	108590

Rod Holder Set

Can be mounted horizontally, vertically or overhead. Marine grade anodized aluminum with satin silver finish & soft vinyl insert cushions. Uses 4 #10 screws.

LTK-MC70 **Order# 171404**

Swivel Base Rod Holder

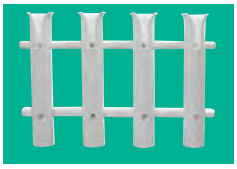
Swivel base allows the rod butt to rotate in the rod holder when side pressure is applied to the tip of the rod. Heavy duty stainless steel. 0° angle. LTK-RH577V
Order# 171402

Pontoon Rod Holder

Fits 1" or 1-1/4" square rail. Fully adjustable around the rail and side to side. Includes 2 protective liners, 1" and 1-1/4". 304 stainless steel, lined with UV resistant black PVC. Comes with zinc alloy adjustable clamp and mounting screws. SS-55108A
Order# 757562

Deluxe Rod Holder

Holds 4 rods and includes plier & knife holder(s) and threader/rig/ice pick holders. 18" x 12", holds up to 1⅞" rod. FEN-DTRP-4
Order# 155765



SEA-DOG LINE

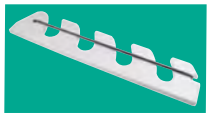
Flush Mount Rod Holders

Made of injection molded ABS plastic. 9-1/2" H. Fits up to 1-5/8" rod. Takes 3 #12 FH fasteners.

Color	Order#
Black	748332
White	748333

Bungee Rod Holder

Keep tackle in place even in pounding conditions by the use of shock cords. Complete with 2 units, front and back, 4 mounting plates and S/S screws. Holds 4 rods.
16" x 3-1/4" x 1/2". FEN-RRN-4
Order# 144714



Lead Weight

4 ounces. 1/2" hole.
HML-LEAD-4 **Order# 169479**

Shakespeare Fish Youth Combo Kits

Available in spinning and spincast reels prespooled with 6lb line. Includes Berkley Gulp!® Crappie Nibbles, marabou jigs, grubs and live bait tackle. By combining our popular brands, we've created a complete fishing package with all the right gear that makes the fishing experience easy and more fun. Anglers will without a doubt Catch More Fish! Features: Pre-rigged and hand selected tackle with rigging guide. Pre-selected bait that is species or water-type specific. Quality combos that provide a great value to the consumer.

Type	Order#
Spinning Reel	757247
SpinCast Reel	757248

Shakespeare® Disney® Toy Story Spincast Fishing Kit

2'6" all-in-one rod and reel with line. Includes practice casting plug.
RFR-COMBO26TS **Order# 757250**

Bait Nets

Handle	Net Description	Order#
16"	7" x 6"	177564
18"	18" x 15" rubber	758847

Berkley Trilene XL Fishing Line

Mono filler spool, low-vis green. Maximum manageability, resists twist and knots. Incredible strength for confidence and control. RFL-TRILENE

Test	Length	Order#
6 lb	330 yds	759206
8 lb	330 yds	757200
10 lb	300 yds	757201
12 lb	300 yds	757202
20 lb	270 yds	757203

Norwegian Fishing Jigs

Nickel-plated NFG-HK

Size	Order#
12 oz	125226
14 oz	125227
18 oz	125228
21 oz	125229
27 oz	125230
36 oz	125231

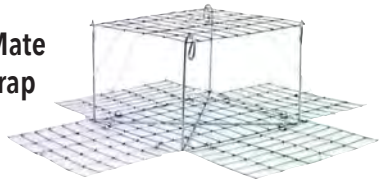
Luminous Squid Jigs

Part#	Description	Order#
RFH-SQUID-LUM	6 angle	729183
RFH-SQUID-BLU3	Luminous Blue 3"	765333
RFH-SQUID-LUM3	Luminous 3"	765334
RFH-SQUID-RED3	Luminous Red 3"	765335

Minnow Trap

Used and endorsed by fisherman for over 90 years. Sturdy construction of the finest quality steel and wire, heavily galvanized & strongly reinforced. Efficient, durable, easy to operate and semi-collapsible. Built to conform to the laws of various states as to overall dimensions and size of entrance holes. Standard mesh size is 1/4".
RFA-MINNOW **Order# 156522**

Foxy-Mate Crab Trap



Low-profile design with a lower center of gravity which allows the sides to close faster & prevents toppling when lowering into water. Folds flat to take up a minimal amount of space. Includes four cable ties to secure the top to the upright. Fully galvanized wire; line included. Dimensions: 10-1/2" square, 6" high, 14" diagonal bottom. RFH-CRABTRAPFM
Order# 117317

3 Hook Mackerel Tree

Three Duratin Pacific bass hooks. Silver mylar tubes. Swivel and sinker loop. 1 rig per pack.
RFH-MACKTREE3M
Order# 177562

3 Hook Mackerel Tree

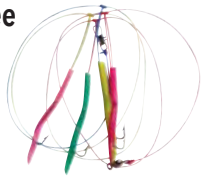
Three mackerel hooks with tubes. Long nylon leader.
RFH-MACKTREE-3
Order# 755467

4 Hook Mackerel Tree

Four hooks, no spoon.
RFH-MACKTREE-4R
Order# 761109

4 Hook Mackerel Tree

Four mackerel hooks with tubes. Long nylon leader.
RFH-MACKTREE-4
Order# 117238



Diamond Mackerel Jigs

3 per package.

Size	Order#
1/3 oz	140639
1/2 oz	148781
3/4 oz	746492
1 oz	729093

KENT

WHEN WORK MATTERS

60 YEARS 1957-2017

KENT CELEBRATES SIXTY YEARS IN BUSINESS!

EARNING A REPUTATION AS THE TRUSTED BRAND FOR THE COMMERCIAL AND MARINE BUSINESS, KENT IS NOW THE MARKET LEADER IN SAFETY PRODUCTS.

WE WILL CONTINUE TO BE YOUR LONG TERM PARTNER AND A TRUSTED LEADER IN PROVIDING CONSISTENT QUALITY AND INNOVATION, AND MAINTAIN OUR TRADITION OF BRINGING NEW, IMPROVED PRODUCTS TO YOU, OUR CUSTOMER.

FEATURED ON:

DEADLIEST CATCH DUNGEON COVE

Discovery

WWW.KENTSAFETYPRODUCTS.COM

M6214 Classic Flotation Bomber Jacket

Designed to deliver comfort, warmth and durability during marine operations, the M6214 T1 Classic Flotation Bomber Jacket's closed cell foam insulation will provide flotation and in-water insulation to delay the onset of hypothermia in the event of water immersion. Coupled with functional design elements such as fleece lined pockets and a double storm flap. Suitable for the requirements of industrial, regulatory, and military environments, the Classic Flotation Bomber Jacket is a standard piece of uniform for many government agencies, as well as everyday recreational activities such as boating, fishing or sailing.

USCG Approved Type III

MTA-M6214TOB
Orange/Black

Size	Order#
S	730451
M	730452
L	730453
XL	730454
2XL	730457
3XL	730458

MTA-M6214TB
Navy

Size	Order#
S	140960
M	140961
L	140962
XL	138486
2XL	140963
3XL	172203

MC1504 Classic Flotation Coat

Designed to deliver comfort, warmth, and durability during marine operations. Closed-cell foam insulation will provide flotation and in-water insulation to delay the onset of hypothermia in the event of water immersion. Coupled with functional design, elements such as fleece-lined pockets, neoprene cuffs, and a storm flap, these products offer great value. High visibility jacket features 201 square inches of ANSI reflective material.
MTA-MC1504

USCG Approved Type III

All items non-stock in this table

Color	M	L	XL	2XL
ANSI Yellow/Black	752835	752836	752837	752838
Solid Blue	752829	153890	735583	752830
Solid Orange	752831	752832	752833	752834

KENT

Deluxe Flotation Jacket with ArcticShield Hood

200 denier nylon ripstop and nylon oxford outer shell. Fleece lined removable hood with ArcticShield technology, SOLAS reflective tape, drawcord adjustment, chin cover, and taped seams. Fleece lined, high collar. Large fleece lined cargo pockets and pass-behind hand warmer pockets. Bellowed chest pockets. Heavy-duty zippered front with dual storm flap and fleece chin guard. Watertight neoprene inner cuff and adjustable elastic outer cuff. Interior waist belt with quick release buckle. Neoprene waistline. Mesh drainage. D-ring attachment. Minimum 15.5 lbs. of buoyancy. Provides hypothermia protection. KNT-1518

USCG Approved Type III

Color	M	L	XL	2XL	3XL
Orange	749129	749130	749131	749132	749133
Red	749134	749135	749136	749137	749138

Firstwatch

AS-1100 Anti-Exposure Suit

Features articulated knee and elbow joints, fleece lined pocket warmers, hood and collar, adjustable wrist and ankle cuffs, knee-high vertical leg zippers for easy on and off. Internal suspenders, 3M™ SOLAS tape over shoulders, hood and around wrists for visibility, high visibility stowaway thermal hood, and built in head support system. This suit is designed head to toe for extreme elements and maximum flexibility. USCG Approved Type V. Black/Red.

Size	Order#
S	743067
M	743068
L	743069
XL	743070
2XL	743071

USCG Approved Type V

Firstwatch

AB-1100 Flotation Bomber

Looking sleek and modern with all weather features of First Watch's extreme Anti-Exposure Suit, this great looking coat fits and moves like no other flotation jacket. Neoprene cuffs. High visibility stowaway thermal hood, 3M™ SOLAS reflective panels, reinforced 500 denier elbow and cuffs. Ripstop shell for lasting durability.

USCG Approved Type III

Color	M	L	XL	2XL
Black/Red	743039	743041	743042	743043
Orange/Gray	743044	743045	743046	743047

Firstwatch

AC-1100 Flotation Coat

Reinforced durable construction combined with the renowned MMS comfort fit system makes this safety flotation coat an easy choice for the mariner venturing into harsh climates. Supersoft flotation panels provide flexibility and support. High visibility stowaway thermal hood. Reinforced 500 denier elbow and cuffs. 3M™ SOLAS reflective panels. Neoprene cuffs. Napoleon cargo pockets for easy access when seated.

USCG Approved Type III

Color	S	M	L	XL	2XL
Black/Red	743053	743054	743055	743056	743057
Orange/Gray	–	743058	743059	743060	743061

Please Note: For your safety, a $50 recertification fee is applied to returns on survival and rescue suits. This fee covers the *manufacturer's* charge to recertify the suit for USCG Approved use.

KENT

Immersion Suits

High visibility yellow inflatable head pillow, face mask, mitts and ankle adjustments. Removable head pillow. Neoprene pocket for PLB and attachment point that fits all personal locator lights. Gloves are positioned so sleeves turn at elbows for easy donning. Easily accessible buddy line with snap hook. Three fingered glove. 5mm flame retardant neoprene. Includes whistle. *Orange with High Visibility Yellow*

USCG Approved

USCG/SOLAS Approved

USCG Approved Immersion Suits

Size	Height Range	Weight Range	Order#
Adult	4'11"-6'3"	110-305 lbs.	**753274**
Small	5'2"-5'10"	110-250 lbs.	**753273**
Oversize	6'3"-6'10"	250-350 lbs.	**753275**

USCG/SOLAS Approved Immersion Suits

These suits feature a lifting harness and buoyant buddy line.

Size	Height Range	Weight Range	Order#
Adult	4'11"-6'3"	110-305 lbs	**759395**
Small	5'2"- 5'10"	110-250 lbs	**759396**
Oversize	6'3"-6'10"	250-350 lbs	**759394**

IMPERIAL

Immersion Suits

USCG Approved. Three-fingered mitt. Wide legs for quick donning. Dual-zipper pull tabs. Inflatable high-rider ring for additional freeboard and buoyancy. Snug-fitting face seal is flexible and comfortable. Retro-reflective tape for extra visibility. Includes sturdy storage bag with two handles. Made of 5mm neoprene. 1-piece, sealed construction. Back straps. Inherently buoyant. Includes whistle.

Size	Height Range	Weight Range	Order#
Adult	4'11"-6'3"	110-330 lbs	**743829**
Small	4'11"-5'10"	110-180 lbs	**743828**
Jumbo	Over 6'3"	Over 220 lbs	**743834**

Ocean Commander Survival Suit with Harness

USCG/SOLAS Approved

Cold water immersion and survival suit, Mustang style. These light, mobile suits are 45% lighter than neoprene suits, making them easier to get in to and move around in. Welded nylon outer shell, AirSoft™ foam inside for flotation and thermal insulation. SOLAS grade reflective tape on shoulders and arms. One of the best suits available. *Molten-Orange, Adult Universal*

- Flexible
- Removable Gloves
- Sneaker Soles
- Hood/Face Seal
- Watertight Zipper
- Neoprene Wrist
- Inflatable Pillow

110-330 lbs.
4' 11" - 6' 3" Height
USCG Approved

MTA-OC8000HR
Order# 152845

Survivor Ditch Bags

Heavy duty 450D PU-coated rip-stop polyester with slide/slip resistant bottom. Corrosion-resistant nylon zippers and sliders. Mesh zippered compartments. Dry bags provide additional buoyancy. Large EPIRB/PLB storage pocket outside with full cover drawstring top. High visibility green with retro-reflective handles, binding and logo. 10' tether line with snap-hook end stored in handle grip pocket. See-through window pocket for vessel ID card. D-ring on dry bag attaches to lanyards inside ditch bag.

Size	Approx Buoyancy	Order#
20" x 6" x 14"	14 lbs	**749038**
20" x 12" x 14"	20 lbs with 4 Dry Bags	**749039**

ACR Express RapidDitch Bag

This compact and buoyant safety tool conveniently keeps all your essential safety gear organized and together allowing for quick access in an emergency situation. Shoulder straps transforms into two 4' leashes to tether survivors together in the water. With added buoyancy, the RapidDitch will float up to 15 lbs of gear. Reflective material for added visibility. The tough water resistant fabric and self-repairing, corrosion resistant zippers stand up to the harshest of elements. 21" x 6" x 14.5".

ACR-2279 **Order# 758036**

ORION

PML -Personal Marker Light

Easily attaches to clothing or life vest. USCG approved. Bright green light. Illuminates up to 8 hours.

OLI-899 **Order# 150937**

C-Light™ H2O

New!

Waterproof steady-on light with 20 lumen LEDs that operate typically for 30 hours continuously. Two activation methods; manual push On/Off button or auto-activated when immersed in water. The slim, lightweight and versatile design fits easily in a pocket or hangs discreetly when attached to a life jacket or backpack. Requires two AA batteries (not included).

ACR-3962-1 **Order# 761836**

Liferaft Sales & Service

Call 800-639-2715 For More Information!

Fire and Rescue

Firstwatch RS1000 Ice Rescue Suit

Engineered to don quickly for cold water and ice rescue operations. The universal fit features a rugged hi-tenacity nylon shell that is stitched and taped for the ultimate durability. A snap-out, internal laminated nylon/foam liner allows the user to easily slip the suit on and off. It has been designed to meet the safety, mobility and comfort needs of the rescue professional. Boots feature traction tread and steel toe inserts. Fit system incorporates internal suspenders for vertical adjustment. Thigh straps cinch down for improved leg fit and control. Features extra SOLAS reflective tape, ice pick pockets, safety harness, Polar-Grip elbow and knee patches and hi-flex gloves. Stows easily into its quick release bag that features an external mesh accessory pocket. Black and Yellow.
FWA-RS1000 **Order# 752043**

STEARNS

Cold Water Ice Rescue Suit I-595

Designed to give rescue personnel maximum mobility and protection in extreme cold water emergencies. Comes with integral boots, nylon chest harness with stainless "D" rings front and back, hood and face shield to minimize water entry, large thigh pocket for tools, abrasion resistant knee and elbow patches.

STE-I595 110-220 lbs, 59"-75" Height
Order# 132757

STE-I595O (Oversized) 220-375 lbs, over 75" Height
Order# 132758

Pick-Of-Life Retractable Ice Awl

A life saving tool for anyone venturing out onto the ice. This is standard equipment for rescue professionals, ice fisherman, snowmobilers and outdoor enthusiasts. Provides solid hand holds enabling a victim to climb out of a hole in the ice.
AGP-2005 **Order# 154446**

Universal Swift Water Rescue Vest

High buoyancy (25 lbs) SAR PFD. Easy to adjust donning system & layered flotation foam. 500 Denier Cordura® outer shell with high visibility accents, 6 adjustment tabs, MOLLE webbing on both shoulders and back, Velcro® panel on back for attaching ID patches, Quick release belt and drag handle.
MTA-MRV150 **Order# 752091**

Rescue Stick™ Throwable Rescue Inflatable

Easily thrown over 100 ft with accuracy. Automatic inflation. 35 lbs of buoyancy (twice the flotation of normal life jacket). Can provide emergency flotation for multiple victims. Only 14" in length, weighs just 15.5 oz. Includes MD3025 Belt-Pack PFD, Rescue Stick, Throw Bag & Storage Case. MTA-MRD100
Order# 172447

RIGID

RT800 Flashlight

An extremely versatile flashlight utilizing a Cree 10w XM-LED with a machined aluminum reflector. Features a nice wide beam for area illumination, but a focused center that will project 1000' on the highest setting. Includes a dual AC car charger. 800 Lumens.

RIL-30120	**Order# 743671**
Battery Charger	**Order# 759052**

Ice Commander Rescue Suit

The suit of choice for Search and Rescue teams, Fire Departments, and Ice Rescue professionals. Completely waterproof with watertight hood, integrated gloves, and attached boots. Snap-in AirSoft™ buoyancy liner allows users to immerse themselves for long periods of time in icy cold water. Integrated chest harness attaches to tether lines. Ice awl pockets for storage, rubber gloves, neoprene-reinforced knees and non-slip rubber soles on attached boots. Watertight hood & face seal features SOLAS reflective tape and Velcro® patch for light attachment. Heavy duty, flexible full-length zipper for water-tight seal. 45% lighter than other rescue suits as it is made in a high visibility welded nylon shell. High-performance urethane-coated nylon exterior.
Gold, Adult Universal. MTA-IC9001
Order# 170975

Deluxe Pro Suit
with Diagonal Zipper
MTA-IC9002 **Order# 731664**

110-330 lbs.
4' 11" - 6' 7" Height
USCG Approved

IMPERIAL

IR1500 Ice Rescue Suit

Breathable shell fabric. Drysuit mobility, look and feel. Easy to repair fabric, even seams. Cordura reinforced wear areas. Replaceable inner foam liner. Internal suspenders for more comfort. Pull harness. Wrist, thigh and ankle adjustments. SOLAS reflective tape on arms, head and torso. Comes with a Storage Bag and Repair Kit. Heavy-duty waterproof zipper. 3 Ply chemical resistant insulated gloves. Purge Valve. Attached booties. AWL pockets. Adult Universal. User Weight: 110-330 lbs. User Height: 4'11"-6'6"
RVS-IR1500 **Order# 748376**

LEATHERMAN Raptor™

420HC Stainless Steel folding medical shears. Features a strap cutter, ring cutter, 5 cm ruler, oxygen tank wrench and carbide glass breaker. Developed with the input of special operations medics, EMTs and fire professionals. 5" closed.
LTM-RAPTOR **Order# 751032**

JIM-BUOY®

20" Orange Life Ring

Durable nylon vinyl skin combines beauty with utility. Urethane foam core is tough and highly resistant to gasoline, oil & most other chemicals. Eliminates unsightly knots and makes future rope changes easy!
SOLAS USCG Approved
CAL-G20-O **Order# 105280**

New England Ropes Floating Tow Rope

A durable, spliceable tow line that floats on the surface of the water for improved visibility. Double braided nylon over polypropylene that is torque free and non-hockling. Easily spliced. Retains strength when wet or dry. Yellow with red or blue fleck. Size 7/16". Tensile strength: 5900 lbs. NE-237

Fleck	Order#
Blue	173512
Red	169547

FirstWatch

The Pro's Flotation Choice ...

FirstWatch Gear

1141 Ringwood Court, Suite 130

San Jose CA 95131

info@firstwatchgear.com

P) 800-728-0704 F) 888-728-0708

1002 USCG Approved Offshore Type I Life Vest

Extra-strong stainless steel hardware design. 24 lbs of buoyancy. Over 100 square inches of reflective tape. Reversible.

KENT

Size	Order#
Adult (over 90 lbs)	748413
Child (under 90 lbs)	748412

1512 USCG Approved Vinyl-Dipped Type V Work Vest

KENT

Rugged, vinyl-dipped work vest for all industrial applications. Acrylic layer sealant over PVC resists deterioration, easy to clean. Flotation foam stays buoyant when punctured. Accomodates harness. 17.5 lbs of buoyancy. Adjustable chest & shoulder straps. **Order# 748411**

1508 USCG Approved Type III Mesh Vest

Two 1" body belts. Two front gusseted pockets, and D-Ring for gear attachment. Durable, lightweight mesh shoulder for freedom of movement features SOLAS grade reflective striping.

Size	Order#	Size	Order#
S	748398	XL	748401
M	748399	2XL	748402
L	748400	3XL	748403

KENT

MV3106 T2 Classic Industrial Flotation Vest

USCG Approved Type III. Large arm holes for mobility & SOLAS reflective tape on shoulders for visibility. Tug-Tite® side adjustments for exact sizing.

Size	Order#
S	124232
M	733285
L	733286
XL	733287
2XL	739200
3XL-7XL	739201

MV3128 T2 4-Pocket Flotation Vest

USCG Approved Type III. A functional PFD ideal for industrial applications. Large arm holes for mobility & Tug-Tite® side adjustments for exact sizing. Four large Velcro® secured front pockets. Two D-rings for lanyard attachments. SOLAS reflective tape on shoulders. Strength rated to 50mph. Short-waisted for use with sidearms.

Size	Order#
S	733282
M	733283
L	124237
XL	733284
2XL	739217
3XL-7XL	739199

1001 USCG Approved Offshore Type I PFD

Designed to turn an unconscious person face up. Yoke style flotation. 22 lbs of buoyancy. 110-sq inches of SOLAS-grade reflective tape. Stackable for storage. Light loop and whistle attachments. Reversible.

Size	Order#
Adult (over 90 lbs)	748930
Child (under 90 lbs)	748931

KENT

1502 USCG Approved Type III Elite Dual-Sized Commercial Vest

200 denier nylon. Retroreflective material on front and back. Two 1" encircling belts. Heavy-duty zipper. Large arm holes and open neckline. Two large cargo pockets. Dual chest pockets. Vinyl piping around arm openings. Two D-rings.

Size	Order#
S/M	748673
L/XL	748674
2XL/4XL	748675

KENT

1506 USCG Approved Type III Classic Mesh Vest

KENT

Two 1" body belts with heavy duty zipper. Durable, lightweight mesh shoulder for freedom of movement features SOLAS grade reflective striping.

Size	Order#	Size	Order#
S	748912	XL	748915
M	748913	2XL	748916
L	748914	3XL	748917

MV1254 T1 Mesh Flotation Vest

USCG Approved Type III. Large arm holes for broad mobility & mesh shoulders for cooling & comfort. Large front pocket with Velcro® closure. 32 sq. inches of SOLAS reflective tape across the front & back. Side adjustments for dual sizing. Strength rated to 50mph.

Size	Order#
S/M	733288
L/XL	733289
2XL/3XL	733290
5XL	739198

MV1254 ANSI Mesh Flotation Vest

USCG Approved Type III. Strength rated to 50mph. 155 sq. inches of reflective material. Meets ANSI 107-2010 Class 1. Mesh shoulders. Large front pockets with Velcro® closure. Side adjustments. High waist reduces interference with tools and duty belts.

Size	Order#
S/M	742875
L/XL	742876
2XL/3XL	742874
4XL/5XL	742877

1504 USCG Approved Type III Industrial "SAR" Vest

High performance vest for water rescue, public safety, command and control professionals. Two gusseted pockets. Flotation filled comfort collar. Reflective striping.

Size	Order#	Size	Order#
M	748404	2XL	748407
L	748405	3XL	748408
XL	748406	4XL	748409

KENT

KENT

1500 USCG Approved Type III General Purpose Vest

200 denier polyester shell resists oil & UV deterioration. Large armholes and open sides for comfort. Two encircling body belts, one chest strap. Reflective striping, 15.5 lbs buoyancy. KNT-1500 **Order# 748410**

KENT

1514 USCG Approved Type III First Responder Vest

SOLAS grade reflective tape on shoulders and back. Contoured lower back foam. Segmented foam design for easy movement. Two large zippered pockets. Two fleece lined hand-warmer pockets. Lash tab and D-ring.

Size	Order#
S/M	748919
L/XL	748920
2XL/3XL	748923

KENT Rogue Fishing Vest

This product is NOT U.S. Coast Guard Approved

Slim fit for all day comfort and protection. Breathable and durable neoprene fabric. Designed to reduce snag hazards. Attachment loop for safety lights. SOLAS grade reflective material. Provides 12 lbs buoyancy.

Size	Order#
M	758128
L	758130
XL	758131
2XL	758132
3XL	758133

MV3104 T1 Universal Fit

USCG Approved Type III. Offers functional industrial flotation with large arm holes for mobility. SOLAS reflective tape on shoulders offers visibility in dark or stormy conditions. Great for boat crews. Universal size. MTA-MV3104 **Order# 733291**

Life Rings USCG Approved

Solid, closed cell plastic throughout, soft and resilient yet almost indestructible. *Sof-Tex* surface resists weather extremes. Will not rot or mildew.

SOLAS USCG Approved Life Rings

Durable nylon vinyl skin combines beauty with utility. Urethane foam core is tough and highly resistant to gasoline, oil & most other chemicals. Eliminates unsightly knots and makes future rope changes easy!

JIM-BUOY®

Commercial Fishermen: Orange Ring with Tape Required

Part#	Description	Order#
CAL-G19-W	19" White	**105279**
CAL-G20-O	20" Orange	**105280**
CAL-G20-W	20" White	**105281**
CAL-G24-O	24" Orange	**105282**
CAL-G24-OT	24" Orange w/Reflective Tape	**105283**
CAL-G24-W	24" White	**105284**
CAL-G30-O	30" Orange	**105287**
CAL-G30-OT	30" Orange w/Reflective Tape	**105288**
CAL-G30-W	30" White	**105289**
CAL-JB30-SOT	30" SOLAS Orange w/ Tape	**157604**
CAL-HSO-30-T	30" SOLAS Hardshell Org w/Tape	**731256**

3/8" Polypro

60' poly throw line required for life rings (above).

Color	Order#
Yellow	**118671**
Black	**118672**

Rail Mount Ring Buoy Bracket

For 7/8" or 1" tubing, or may be mounted directly on flat surface. Marine grade, powder coated aluminum.
SD-327130-1 **Order# 143607**

Ring Buoy Bracket

Stainless Steel 3/4" x 4". Use 1/4" FH fasteners.
SD-491240-1 **Order# 142563**

Ring Buoy Holder

Chromed brass, 3" mounting plate, 4.5" high overall.
PKO-1017DPCHR **Order# 144718**

KENT

Ring Buoy Line Throw Bag

The bag is made of durable 900D coated polyester, webbed grab handle, adjustable drawcord closure, throw line for retrieving buoy only. Includes 100' of 3/8" hollow braid polypropylene rope. KNT-1525 **Order# 753212**

Reflective Tape USCG Approved

This highly reflective, pressure sensitive tape is designed for nighttime visibility. The flexibility of this tape means that it can be applied to virtually any surface including life jackets, rafts, survival suits, and foul weather gear. Required for commercial vessels. Package of four 4" squares, enough for one life jacket.
HMK-REFLECT **Order# 118206**

Reflective Tape Sold by the Inch or 55 yd. Roll

Part#	Width	Order#
MMM-88619	2"	**154498**
MMM-88622	3"	**154499**
MMM-88624	4"	**154500**

Repair Kit for Life Rings and Floats

Comes with 9 patches approx 3" x 3" of varied thickness, 1 pint of solvent, 1 pint of liquid patch and a brush.
CAL-500 **Order# 105239**

Life Ring Lettering Kit

Includes 2" black letters & numbers (4 ea.) plus symbols. Waterproof marine grade 4 mil. vinyl. Resistant to fuel, chemicals fading and scratching. Application template included.
TAY-600015 **Order# 176186**

Life Ring Touch Up Paint

Coast Guard Approved color matches original OEM paint. Safety Orange. 1 Pint.
FXB-49016PT **Order# 746969**

ACR Strobe Marker

50% brighter strobe bulb, longer lasting light, stronger casing, approved to new UL1196. Automatically activates when tilted upright. Emits a rain and fog penetrating 360° light, ideal for marking dive areas, underwater obstructions or as a man-overboard light. Float-free bracket. USCG/SOLAS approved. Requires one 6V DC lantern battery.
ACR-SM-2 **Order# 100728**

KENT

Rescue Throw Bag

The bag is made of durable 600 denier coated polyester with vented mesh construction. Reflective material for increased visibility, elastic glowstick attachment, grab strap with buckle and adjustable drawcord closure. Includes 3/8" polypropylene floating rope with 1,800 lb tensile strength.

Part#	Length	Order#
KNT-1528-50	50'	**753210**
KNT-1528-75	75'	**753211**

Rescue Throw Rope Bag

Compact, lightweight, durable and easy to use. Features mesh top for quick drying, retro-reflective tape for added visibility, light stick holder, and quick release buckles. Includes 75' of 9mm multi-filament polypropylene rope.
MTA-MRD075 **Order# 746795**

Standard Model Horseshoe Buoys

USCG Approved Type IV.
Tough, yellow vinyl fabric with beaded edges over a closed cell plastic core. All hardware throughout is stainless steel. Will not rot or mildew. White buoys feature a built-in sea anchor that slows buoy when in water.

Part#	Description	Color	Order#
CAL-940	Pony Size	Yellow	**105272**
CAL-920	Horseshoe Size	Yellow	**105263**
CAL-1040	Pony Size	White	**105183**
CAL-1020	Horseshoe Size	White	**105179**
CAL-941	S/S Seapony Bracket	–	**105274**
CAL-921	S/S Horseshoe Bracket	–	**105264**

LIFESLING™ 2 *Man Overboard Rescue System*

USCG Approved Type V device, can substitute for a Type IV. For sailboats 20'-30' long or powerboats with hoisting point at least 10' above deck. Provides 20 pounds of buoyancy. Includes 125' of retrieval line and a handy white storage bag.
PTS-357634 **Order# 127632**

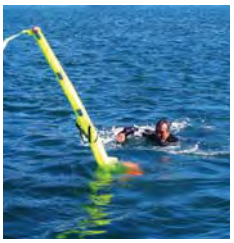
Replacement Storage Bag
For original LifeSling. White.
PTS-266793 **Order# 127630**

Lifesling3 Commercial Overboard Rescue System

Collar has 21lb. of buoyancy and can be towed to an overboard crewmember. It also can be used as a lifting sling. Features 150' retrieval line, for larger boats, stainless D-rings, 2"W SOLAS reflecting tape for increased visibility at night, and a rugged, UV-resistant, fiberglass case, which includes graphics illustrating the instructions for recovering a person in the water. USCG approved for both recreational and commercial vessels. Meets ISAF specifications.
PTS-7296932 **Order# 176122**

Self Inflating Man Overboard Dan Buoy

In seven seconds, the SOS Marine dan buoy self inflates. It becomes a 6' tall floating inflated spar buoy with an 8' streamer from its top, made from super high visibility fluorescent green material. Ballasted to help it maintain verticality. Night time visibility is enhanced by the automatically activated SOLAS strobe light and lengths of SOLAS light reflective tape. A whistle helps the person overboard alert you to his position in heavy fog, and the device incorporates hand holds so the person in the water can hang on to the highly visible buoy.

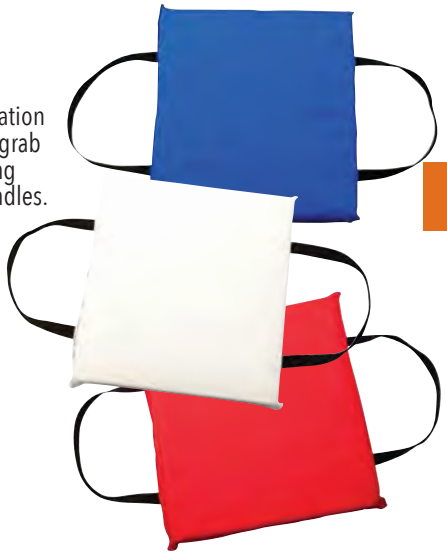


Description	Order#
Man Overboard System	**755213**
White Buoy Holder	**755214**
Rearm Kit	**755215**

KENT

Boat Cushions

15" x 16" x 2-1/2"



USCG Approved throwable flotation cushion. Convenient webbing grab straps for aid in throwing during rescue, or convenient carry handles. Functional and comfortable PE foam. Strong, durable nylon oxford shell withstands abrasions. U.S. Coast Guard Approved Type IV PFD.

Part#	Color	Order#
KNT-1102B	Blue	**748681**
KNT-1102R	Red	**748682**
KNT-1102W	White	**748683**

STEARNS
THE LIFE JACKET EXPERTS

Premium Boat Cushions

16-1/2" x 14"

Ultra comfortable. Super soft. Soft Aquafoam™ flotation foam. Straps to aid in rescue. 200 Denier nylon oxford shell. US Coast Guard Approved Type IV Throwable.

Part#	Color	Order#
STE-6516BLU	Blue	**132368**
STE-6516FOR	Forest Green	**132371**
STE-6516RED	Red	**132375**

Nylon Safety Netting

Keep children, pets, crew and gear on board with this lightweight diamond mesh nylon safety netting. Reinforced top and bottom selvages. UV resistant, 1.6" diamond shaped mesh, knotless construction, for installations from 12" to 28" high.
PTO-881010
Order# 157898

33' Bag
PTO-881012
Order# 168560

How to Measure:
1. Determine height of installation.
2. Select the appropriate multiplier from the chart at right.
3. Multiply the length of your installation by the multiplier.
4. Add 10% for error.

Height of Installation	Multiply By
12-16"	1.1
18-20"	1.2
22"	1.3
24"	1.4
26"	1.5
28"	1.7

Kids' General Boating Life Vests

KIDS

Durable nylon oxford outer shell. Adjustable belts and chest strap. Lightweight and durable flotation foam. Infant/Child features a leg strap, pop-up pillow, and quick grab strap. Child has a leg strap for added safety.

Size	Description	Blue	Red
Infant	Type II, under 50 lbs	748773	748792
Child	Type III, 30-50 lbs	748774	748793
Youth	Type III, 50-90 lbs	748775	748791

Onyx
Keeping you there.

Onyx
Keeping you there.

Full Throttle Baby-Safe Vest

KIDS

Featuring an elasticized leg strap and a unique collar design which provides improved head support. Convenient buckle opening at collar makes it easy to put on. 200 denier nylon and 150 denier poly-twill. Lightweight, durable flotation foam. Oversized collar for added head support. Encircling waist belt ensures a secure fit. Convenient grab strap for easy recovery. Type II. Orange/Gray. For infants less than 30 lbs.
KNT-10400 **Order# 756415**

STEARNS

Youth Boating Vests

KIDS

USCG Approved Type III.
Made of durable Crosstech™ flotation foam, each vest has 3 adjustable straps for a custom fit. The 30-50 lbs has an adjustable leg strap.

Part#	Size	Chest	Blue	Red
STE-3004	30-50 lbs	20"-25"	132217	132219
STE-3007	50-90 lbs	26"-29"	132227	132229

Lil' Legends™ 100 Floater Vests

KIDS

MUSTANG SURVIVAL

USCG Approved Type II.
Segmented head pillow, ventilated mesh back, heavy duty grab strap, reflective accents, AirSoft™ flotation foam, Delrin buckles, shaped mobility panels and an exclusive cooling-channeled interior back panel. Designed for coastal and offshore boating activities. Advance field testing has proven Lil' Legends™ 100 to be a top choice of both parents and children. White/Green.

Part#	Type	Size
MTA-MV3250-WG	Infant	0-30 lbs
MTA-MV3255-WG	Child	30-50 lbs
MTA-MV3260-WG	Youth	50-90 lbs

extrasport

Endeavor Adult Universal Life Vest

Universal fit. Easy to wear front-zip entry. Adjustable shoulder & side straps. Features a mesh oversized pleated pocket and a fabric oversized pleated pocket. D-ring in mesh pocket for securing anything with a clip or carabiner. Reflective logo on back. Fits 30"-56" chest.

Part#	Color	Order#
XPT-END-R	Red	759589
XPT-END-S	Sunflower	759590

extrasport

Inlet Jr. Youth Life Vest

KIDS

A full featured USODA-approved youth size PFD with center-zip design great for paddle sports or sailing. Hand-warmer pockets provide additional comfort. 3M™ Solas reflective shoulders & logo & neoprene-covered adjustable waist belt & hypalon shoulder attachment points. Type III. For 50-90 lbs. 240 rip-stop Nylon fabric.
XPT-INLET

Color	Order#
Red/Black	175554
Pink/Black	741253

extrasport

Child's Type II with Collar

KIDS

A great value in a basic children's type II vest. Designed to turn a child over and float them chest-up. This 200 denier fabric vest features a 2-piece collar which cradles and supports the head. The adjustable leg straps with a single-buckle connection make getting the vest on and off a snap. Reflective tape, crotch strap. Red/Yellow.

Part#	Size	Order#
XPT-CT2-I/CRY	0-50 lbs	150018
XPT-CT2-YRY	50-90 lbs	150675

extrasport

Volks Jr. Youth Life Vest

KIDS

For children 50-90 lbs. Easy to use front zipper, elastic waist, and large comfortable armholes. Durable, quick-drying, breathable, 200 denier nylon oxford shell, inside and out. Four side adjustments. XPT-VLJ-Y

Color	Order#
Blue/Green	743090
Pink/Gray	743092

Adult General Boating Vests

USCG Approved Type III. Made of durable Crosstech™ flotation foam. Features three adjustable belts for secure and proper fit. Oxford shell is 200 Denier nylon. Adult universal. Chest 30"-52". STE-2001

Color	Order#
Blue	132172
Red	132173

STEARNS

Onyx
Keeping you there.

Adult General Boating Type III Life Vests

USCG Approved Type III.
Provides comfort and safety for all types of water activities. Nylon oxford outer shell. Adjustable belt and chest strap. Lightweight and durable flotation foam. Open-sided styling. Large armholes for extra comfort.

1030 Adult 1030 Oversize

Size	Blue	Red
Adult Universal	748685	748684
Adult Oversize	748686	748687

Adult Universal Fit PFD

USCG Approved Type III.
A one-size-fits-all solution for adult boaters. Features 3-adjustment belt and open sides for a flexible fit. Chest size up to 52".
MTA-MV3102 **Order# 739052**

MUSTANG SURVIVAL

Type II USCG Approved Foam Life Vest

Designed specifically to provide minimum buoyancy and turn an unconscious person face up in calm water situations.

Part#	Size	Order#
PFD-2C	Child (under 50 lbs)	731724
PFD-2Y	Youth (50-90 lbs)	731725
PFD-2A	Adult Universal (Over 90 lbs)	748688
PFD-2O	Adult Oversized	731723

KENT

Life Vest Storage Bag Including Four Type II Life Jackets

Storage bag with 4 Life Vests

Keeps your vests in one place and provides convenient storage. Clear bag for easy viewing. Contains four adult universal sized Type II USCG Approved life jackets. Convenient strap for carrying ease.
KNT-1022 **Order# 748677**

KENT

Onyx Adult Life Vest 4 Pack with Bag

Storage bag with 4 Life Vests

Clear, reusable storage bag with breathable mesh and carry strap. Four general purpose Type III vests, two blue and two red, with dual belts and chest strap. Nylon oxford fabric with adjustable belts for a secure fit. Open-sided styling for adjustability. Large armholes for greater range of motion. Lightweight and durable foam contours to your body and won't hinder your mobility. Chest Size: 30"-52". Weight: 90 lbs and over. Minimum Buoyancy: 15.5 lbs. KNT-1032 **Order# 756421**

extrasport

Universal Fleet Life Vest

Lightweight and extremely universal fitting, this Fleet offers comfort at an affordable price. Enjoy it floating down a lazy river, paddling into a secret cove or canoeing across a favorite lake. Lightweight PE foam. Fully adjustable shoulders and sides.
XPT-FLEET-

Color	Order#
Red	729873
Yellow	729874

Chest Size Adult Universal 30"-56"

extrasport

Universal Livery Life Vest

Contoured multi-layer foam and unique GlideFit™ Cartilage system help make this fit comfortably on a wide range of sizes without sacrificing comfort. Soft, breathable and quick-drying. 500 denier nylon oxford inside and out. Front-zip style with non-corroding YKK® zipper.
XPT-UNV

Color	Order#
Royal/Black	172878
Red/Black	172877

Chest Size Adult Universal 30"-56"

extrasport

Eagle Life Vest

This non-complex, all-around PFD is ideal for anglers, kayakers and canoeists alike. Its less restrictive foam structure and shoulder mesh makes the Eagle extremely comfortable in all climates and the two chest cargo pockets expand to hold even more gear. Red/Gray.
XPT-EAG-

XS/S	M/L	XL/2XL
164861	164862	164863

Chest Size XS/S (34"-38"), M/L (40"-44"), XL/2XL (46"-50")

KENT

Movement Dynamic Paddle Sport Life Vest

USCG Approved Type III. Soft, lightweight flotation foam. SOLAS grade reflective material for visibility. Expandable zippered pocket with mesh drainage. 200 denier nylon ripstop and nylon oxford. Lash tab for small accessories. Attached whistle for safety. Provides excellent mobility for recreational paddle sports (canoe, kayak, SUP). Ventilation in front and back to keep you cool. Mesh in lower back fits high back seats and sit-on-top kayaks. Shoulder and side belt adjustments. Orange/Gray.

XS/S	M/L	XL/2XL
756417	756418	756419

Chest Size XS/S (28"-36"), M/L (36"-44"), XL/2XL (44"-56")

KENT

Life Vest Stowage Bag

Mesh panel for added ventilation, convenient carry handle, zipper closure, drainage holes in bottom, constructed of heavy-duty PVC. 21" x 16" x 12". Fits up to 6 Type II lifevests. KNT-1024
Order# 751233

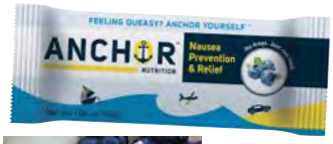
800-639-2715

DAVIS

Queaz - Away Accupressure Bands

A non-drug aid for motion sickness. The wrist-bands use gentle pressure on acupressure points on each wrist to minimize or eliminate miserable effects of travel. Made of tough, longlasting, washable material. One size fits all. Carrying case included. DAV-400 **Order# 107303**

Anchor Nutrition Motion Sickness Bar



Prevents and eases nausea and motion sickness. Rich with protein, ginger, and vitamin B6. It has a delicious blueberry flavor, and tames your tummy. 1.95 oz. ANB-ANCHORBAR **Order# 758949**

VIKING

ANSI Safety Vest

Fully Compliant with CSA Z96-02 Class 2, Level 2. Becomes Class 3 in combination with right model arm and leg bands. Fully compliant with ANSI/ISEA 107-2004 Class 2, Level 2. 4" 3M™ safety reflective stripes. Safety D ring slot access. 5 point Velcro® tear away design. Four front pockets. VKN-U6125

S/M	L/XL
739772	**739773**

See-Me Reflective Stickers

Three sizes of triangle-shaped stickers. Strips can be cut to desired shape. Provides increased visibility at night. Made of reflective vinyl. Two per pack. UST-SGN0011-6 **Order# 759005**

See-Me Red LED Klipp Light

A simple, sturdy, clip-on personal locator light with four bright LED bulbs. Perfect for biking, jogging, walking, or any outdoor activities where you need to be seen in the dark. Red. UST-PLL004-04 **Order# 759003**

Emergency Space Blanket

Tough and durable 56" x 84" blanket. Made of polyester material and vacuum deposited aluminum for the reflective surface. Used worldwide in disaster relief, rescue, and by militaries. Helps prevent hypothermia by reflecting and retaining body heat. Also aids in preventing trauma shock. MPIO-9814 **Order# 171654**

Clear Pocket Poncho

Full-size, 100% waterproof poncho. Keeps wearer dry and comfortable in rain. Dozens of uses in a survival situation: ground cloth, shelter, water collection and more. Snap-closure pouch with attached carabiner. UST-RNW0019 **Order# 761688**

KENT

Neoprene Pet Vests

Designed to provide swimming endurance for your pet and security while in the water. Neoprene construction for added warmth and comfort. Smooth Span inner for comfort and drainage. Three adjustable body belts and quick release buckles for a secure fit. Reflective material on handler's strap for easy recovery and night-time visibility. Zipper closure with hook and loop cover flap on back for easy donning. Red/Gray.

Size	Weight(lbs)	Neck	Chest	Waist	Order#
S	15-30	12"-16"	22"-28"	18"-24"	**759860**
M	30-60	15"-19"	26"-32"	22"-28"	**759861**
L	60-80	18"-22"	30"-38"	26"-32"	**759862**
XL	80+	18"-24"	30"-42"	26"-36"	**759863**

extrasport Deluxe Dog PFD

D-ring leash attachment, grab loop and reflective tape. Red & Black.

Size	Weight(lbs)	Girth	Length	Order#
XS	15-30	22"-26"	9"	**175555**
S	30-45	25"-30"	12"	**175557**
M	45-60	26"-35"	15"	**175558**
L	60-75	27"-36"	19"	**175560**
XL	80-120	31"-43"	24"	**175561**

Chicken & Rice Sea Jerky Dog Treats

The original joint flexibility product for dogs. Contains patented sea cucumber product, Sea Chondroitin, plus Glucosamine HCL (from shrimp and/or crab shells). Promotes comfortable joint movement by cushioning and lubricating the joints. Give one piece for every 10 lbs of dog weight. 15 oz. bag. CSB-SEAJERKY **Order# 756138**

Nylon Dog Collars with Brass Ring

Features stylish nautical designs. Fully adjustable to fit all dogs. LML-DC

Style	Nylon Color	11" - 14"	14"-17"	17" - 20"
Lobster	Red	**746360**	**746371**	**746372**
Code Flag	Red	**746412**	**746413**	**746414**
Pirate	Red	**746399**	**746400**	**746401**

Nylon Dog Leashes with Brass Clip

Stylish nautical designs. 6 ft long with brass clip.

Style	Nylon Color	Order#
Anchor	Blue	**747592**
Lobster	Red	**747548**

Tick Removal Tool

The Tick Wrangler safely and effectively removes the entire tick, including the head. Can be used on people and pets. Includes a ruler to help identify the type of tick and determine the level of risk. Sturdy aluminum. Fits in your first aid kit or attaches to gear with included carabiner. UST-BUG0004-08 **Order# 759022**

Onyx®
Keeping you there.
IMPULSE
Onyx
A|33
IN-SIGHT
Onyx
A/M|24
Onyx
Whether fishing, boating, or paddling, Onyx products are packed with the features and comfort to accommodate your outdoor adventures and create those memories that will last a lifetime.
www.onyxoutdoor.com

CO_2 Inflatables

Onyx
Keeping you there.

Onyx Inflatable PFD

USCG Approved Type V with Type III Performance. This lifevest features a low profile design that keeps you comfortable even in the warmest of weather. Durable ripstop fabric resists tears and punctures. V-back and neoprene neckline for added comfort.

Part#	Color	Description	Order#
KNT-1310R	Red	Manual	**748699**
KNT-1320B	Blue	Automatic/Manual	**748700**
KNT-1350		Rearm Kit Manual	**748701**
KNT-1352		Rearm Kit Automatic	**748702**

REVERE

Comfort Max™ Inflatables

It's so comfortable you'll want to wear it all the time!

- Large neck opening
- Easy to rearm
- Dual waist adjusters
- Comfortable fitting harness
- High inflation pressure
- Approximately 35 lbs buoyancy
- Whistle & reflective tape
- Heavy duty breathable cover fabric
- Made In USA

USCG Approved Type V

Part#	Desc	Navy	Red
RVS-61018	Manual	**169244**	**169245**
RVS-61020	Manual w/harness	**169243**	**169242**
RVS-61019	Auto/Manual	**169241**	**169240**
RVS-61021	Auto/Man w/harness	**169247**	**169246**
RVS-RAKM	Man Rearm Kit	**169248**	
RVS-RAKA	Auto/Man Rearm Kit	**169249**	

KENT

In-Sight Inflatable PFD

USCG Approved Type V Inflatable with Type III Performance. New 33 gram inflatable life jackets. Features extended sizing to fit a 30"-65" chest. A wide neoprene collar area lays flat on your shoulders to allow for all-day comfort and a low profile fit. These life jackets require minimal maintenance due to the cylinder seal indication window that shows green if the product is properly armed and ready to use, and shows red if not ready to use. 2" webbing for strength & durability, two stainless steel slide adjusters for easier donning, SOLAS grade reflective material, USCG/SOLAS whistle attached, durable 420 denier nylon ripstop outer shell.

Part#	Color	Description	Order#
KNT-1314O	Orange	Manual	**752863**
KNT-1334O	Orange	Automatic/Manual	**752862**
KNT-1334R	Red	Automatic/Manual	**761645**
KNT-1360		Rearm Kit Manual	**752865**
KNT-1362		Rearm Kit Automatic	**752864**

MIT100 Inflatable PFD

USCG Approved Type V

This easy to wear and easy to use inflatable PFD features Membrane Inflatable Technology™ inside to reduce product weight and create a lighter and more flexible fit. 500 Denier Cordura® outer shell. Exclusive Membrane Inflatable Technology™ inflation cell. Inflator inspection window and easy access flap. 1-fold, easy to repack design. Provides 26 lb (100 N) buoyancy when inflated. Manual inflation will only inflate when wearer pulls the activation cord. Automatic inflation will automatically self-right most wearers within seconds of water entry. Auto also includes manual inflation cord.

Model#	Color	Description	Order#
MTA-MD201402G	Green	Manual Activation	**757842**
MTA-MD201402P	Pink	Manual Activation	**758613**
MTA-MD201402R	Red	Manual Activation	**757841**
MTA-MD201602G	Green	Auto/Manual	**757844**
MTA-MD201602P	Pink	Auto/Manual	**759528**
MTA-MD201602R	Red	Auto/Manual	**757843**
MTA-MA2014		Rearm Kit	**748698**

Manual Deluxe Inflatable Collar PFDs

USCG Approved Type V Inflatable. If you're comfortable in water and you like the idea of controlling when to inflate your PFD, the manually activated Deluxe Inflatable PFD is your solution - inflates by pulling an activation cord.

- 3F manual inflator
- Lightweight, comfortable & compact
- Easy to re-arm and repack
- D-ring
- Universal Adult (30"-52" chest)

Part#	Color	Description	Order#
MTA-MD3085RB	Royal	Manually Activated	**761801**
MTA-MD3085R	Red	Manually Activated	**173295**
MTA-MD3082B	Royal	Manual & Harness	**744735**
MTA-MD3082R	Red	Manual & Harness	**166749**
MTA-MA7203	–	Rearm Kit	**166753**

Automatic Deluxe Inflatable Collar PFDs

USCG Approved Type V Inflatable with Type II Performance. The auto-bobbin activated PFD uses inflator technology that incorporates a small bobbin containing a compressed cellulose powder. When the inflator is immersed in water, the powder dissolves releasing a firing mechanism that automatically inflates the PFD.

- IF auto inflator with manual backup.
- Lightweight, comfortable and compact
- Easy to re-arm and repack
- D-ring
- Size: Adult Universal (30"-52" chest)

Part#	Color	Description	Order#
MTA-MD3087R	Red/Carbon	Automatic	**173297**
MTA-MA7202	–	Rearm Kit	**166754**

Stearns Manual CO2 Inflata-Belt LITE

USCG Approved Type V with Type III Performance.
Quick and reliable inflation by pulling lanyard or by oral tube. 15.5 lbs of buoyancy (22.5 lbs. with oral inflation). Turns most wearers face-up when inflated. 1" neck strap improves flotation stability. Clear window shows arming status of mechanism.

Part#	Description	Order#
STE-0340B	Manually Activated	**154275**
STE-0925	Rearm Kit	**154329**

ComfortMax Belt Pack

USCG Approval Type V
A manual inflation system, combining comfort with the convenience of instant CO2 inflation technology. D-ring for connecting a kill-switch lanyard for safety. The heavy duty 420 Denier nylon fabric covering has a clear status window with a view of the inflation module status indicator. 35 lbs. buoyancy.

Part#	Color	Order#
RVS-61098N	Navy	**743597**
RVS-61098R	Red	**743596**
RVS-RAKM	Rearm Kit	**169248**

A-33 In-Sight Automatic Inflatable Work Vest

Approved for all commercial vessels!

U.S. Coast Guard Approved Type V Work Vest. Durable fabric resists tears and punctures. Extended sizing to fit a 30"- 65" chest. Attachment on air chamber for safety light. SOLAS grade reflective material for greater visibility. 2" body belt for added strength and durability. Soft extended neoprene neckline for all day comfort. Two stainless steel slide adjusters for easier donning. USCG approved/SOLAS compliant whistle attached. Automatically inflates upon immersion in water or when the wearer pulls the "Jerk to Inflate" handle. Equipped with back-up oral inflation. In-Sight shows GREEN if the product is armed and ready to use; shows RED if not ready to use. Minimum buoyancy of 35 lbs. when fully inflated. KNT-1532 **Order# 756412**

Inflatable Work Vest

Approved for all commercial vessels!

Comfortable and low-profile fit, enhanced mobility and reduced heat stress allow crews and professionals to work more efficiently throughout the day. It will automatically inflate when submerged in 4" or more of water and has a 35 lb buoyancy rating for extra safety. Made for the most severe marine environments, it's rugged components offer improved durability. Coated neoprene neck cushion for added comfort. Strobe light holder, safety whistle and additional SOLAS reflective tape visible when inflated. Adult Universal. MTA-MD3188 **Order# 733064**

Elite™ Inflatable PFD

USCG Approved Type V with Type III Performance.
Built on a revolutionary 3D chassis, the Elite™ Inflatable PFD stays put at high speeds, lets you move the way you want and NEED to and provides automatic inflation powered by Hydrostatic Inflator Technology. The 3D chassis reduces drag at speed, the wide shoulder system eliminates neck fatigue, a wicking mesh liner improves all-day comfort, dual-side adjusters ease fit and an exclusive sleek inflation handle prevents snags. The bright fluorescent yellow-green inflation cell provides 28 lbs buoyancy when inflated and improves visibility in a rescue scenario. 30"-52" chest, 80 lbs and over.
MTA-MD5183 **Order# 756031**
Hydrostatic Inflator 1F MTA-MA5183 **Order# 758848**

Safety Harnesses and Tethers
See Page 81

Hydrostatic Inflatable PFD

Needs only to be submerged in 4" of water for hydrostatic pressure to open a pressure valve which releases a firing mechanism that automatically inflates the PFD. Will not inflate prematurely due to rain, humidity or water contact (can also be inflated by pulling the activation cord). Hammar 1F auto hydrostatic inflator is maintenance free for 5 years. Lightweight & comfortable design, neoprene comfort collar, 35 lbs. buoyancy when inflated, safety inspection window, SecureZip™ closure, strobe light holder, safety whistle & SOLAS reflective tape. Red/Black.

Part#	Description	Order#
MTA-MD3183	Automatic	**170643**
MTA-MD3184	Auto w/Harness	**170644**
MTA-MA7214	Rearm Kit	**170645**

Inflatable PFD with HIT™ & SOLAS Reflective Tape

64 sq. in. of SOLAS reflective tape. Backflap with reflective tape. 1F auto Hydrostatic Inflator Technology. 5-year maintenance-free inflator unless inflated. SecureZip™ closure. Lightweight and comfortable design. Neoprene Comfort Collar™. Provides 35 lb of buoyancy when inflated. Status indicator window: green means it's ready to go. Cylinder is contained inside bladder to protect against corrosion. Durable 420-Denier nylon and heavy duty polyurethane coated nylon. Strobe light holder, safety whistle and SOLAS reflective tape on bladder. Backup oral inflation tube. D-ring for kill-switch attachment.
MTA-MD3183T2 **Order# 731617**

THE **ULTIMATE** RANGE OF **PERFORMANCE** PFDs

ELITE **28** / MD5183
Engineered for speed

- Hydrostatic Inflator Technology [HIT™]
- Discreet anodized inflation handle
- 28LBS Buoyancy when inflated
- Fluorescent Green Inflation Cell

ELITE **28K** / MD5183KF
Our most versatile PFD

- Hydrostatic Inflator Technology [HIT™]
- Discreet anodized inflation handle
- 28LBS Buoyancy when inflated
- Fluorescent Green Inflation Cell
- MOLLE attachment system
- Attachment tabs and Lash tab

M.I.T. **100** / MD2016
Designed for comfort

- 500 Denier Cordura® outer shell
- Membrane Inflatable Technology™
- 28LBS Buoyancy when inflated
- 1-fold, easy to repack design

ALSO AVAILABLE IN COMMERCIAL / INDUSTRIAL

A complete line of dry and flotation solutions for the commercial mariner including The only HIT™ Inflatable Work Vest - Reliable inflation in a low maintenance design.

SAVING LIVES SINCE 1967. **MUSTANGSURVIVAL.COM**

See-Me Strobe Light

Water Activated!

Water-activated so it will go on as soon as you hit the water and will last for up to 16 hours. It is designed for use with lifejackets, immersion suits or for any outdoor activity that demands nighttime visibility. It uses 2 alkaline batteries or 2 lithium battires for USCG approval. Batteries not included.
UST-4075A **Order# 731449**

See-Me Compact LED Strobe Light

USCG Approved. Attaches to PFD, easy twist on/off, impact resistant and IPX7 waterproof rated. Unbreakable lifetime LED bulb never needs replacing. Strobes 60 times per minute up to 2.7 miles. Runs for 44 continuous hours on one set of 2 "AA" batteries. Ideal for paddlers and recreational boaters.
UST-51152 **Order# 753150**

REVERE

Aqua Spec LED Lifejacket Light

This compact flashing lifejacket light features automatic or manual activation and built on clip on for easy attachment. Its unique size and shape makes it ideal for a variety of life jackets. Ultra bright with more than 40 hours of coninuous operation. SOLAS approved. 2" tall x 7/8" wide x 1-1/4" depth.

Part#	Description	Order#
RVS-AQ40S	Built in Sensor Points	**761643**
RVS-AQ40L	Attached Sensor Lead	**761644**

HemiLight 3

Water Activated!

Smaller than other approved lights, the HemiLight™3 features rounded edges to maintain the integrity of inflatable life jackets. Attachment loops accommodate up to 2" wide webbing. High-intensity flashing LED light automatically activates for 20+ hours when it comes in contact with salt or fresh water, and can be deactivated by pushing the red button.
ACR-3764 **Order# 761804**

ORION The Brightest Name in Safety

Lightsticks

Green illuminates up to 12 hours. White illuminates up to 8 hours. Red illuminates up to 12 hours.

Description	Order#
1 Green	**349963**
1 Green, 1 White	**150938**
2 Green, 1 White, 1Red	**150939**

ORION The Brightest Name in Safety

PML -Personal Marker Light

Easily attaches to clothing or life vest. USCG approved. Bright green light. Illuminates up to 8 hours.
OLI-899 **Order# 150937**

ACR

ACR Water Activated Light

This water-activated light has a lens with a "strobe" effect. Designed to fit into button holes, it has an 18" wire that connects it to the battery. Attaches to life vests and jackets with Velcro® (not included), or by sewing on. USCG approved. Battery has 5 year storage life. ACR-L8-3 **Order# 100720**

New!

ACR

C-Light™ H2O

Waterproof steady-on light with 20 lumen LEDs that operate typically for 30 hours continuously. Two activation methods; manual push On/Off button or when in the armed position, can be activated automatically when immersed in water. The slim, lightweight and versatile design fits easily in a pocket or hangs discreetly when attached to a life jacket or backpack. Requires two AA batteries (not included).
ACR-3962-1 **Order# 761836**

ACR

Firefly® PRO SOLAS™

The Firefly® PRO emergency strobe light produces over 41 candelas of light per strobe for up to 56 hours of use with standard alkaline batteries. Using wide light emission LEDs, it cuts through the foulest conditions creating a super-bright flash visible for over 3.5 miles. ACR-3970-3 **Order# 753143**

ACR

Firefly® PRO WATERBUG™

SOLAS-approved strobe light. Has 4 settings: strobe, automatic water activation, SOS strobe, and steady-on. The LEDs produce a 360° beam of light that is over 41 candelas bright allowing for visibility of over 3.5 miles. Can operate continuously for over 56 hours. ACR-3971-3 **Order# 753144**

ACR

C-Strobe™ Personal Distress Light

Has a xenon bulb which is visible for 2 miles. A waterproof case and sparkproof switch. Attaches to life vest with an integral pin. Also includes a Velcro® strap and wrist loop. Uses 2 "AA" batteries to flash for over 8 hours at 60 flashes per minute. USCG approved with lithium dated batteries. ACR-3965 **Order# 100692**

KONG

Kong Single Rectractable Safety Tether

The Kong Tether features a snap shackle on the chest connection and a unique double action snap hook on the boat end. Elasticized line retracts from 2m to 1m. International Sailing Federation Approved.
KNG-284SET-E **Order# 753178**

Kong Twin Rectractable Safety Tether

The Kong Tether features a snap shackle on the chest connection and two unique double action snap hooks on the other end. One elasticized line retracts from 2m to 1m. The other elasticized line retracts from 1m to half its size. Stitches are designed to fail at 3800 lbs. Stress indicator opens at 900lbs. International Sailing Federation Approved.
KNG-283SET-E **Order# 753175**

wichard

Wichard Safety Harness Tether

6' premium elastic tether retracts to half its length when not in use. Two double action safety hooks. Break load 4,580 pounds. WHD-7005 **Order# 139361**

Jacklines

Meet ORC requirements, 1" wide, 6,000lb break-strength, UV resistant, nylon webbing (in a bright red color for visibility in ugly conditions) is sewn to a 3" snap hook on one end. The bitter end is then used for securing around a mooring cleat.

Part#	Length	Order#
CLV-JL30	30'	**166944**
CLV-JL40	40'	**166945**
CLV-JL50	50'	**166947**

SURVIVE

Do you have what it takes?

ACR

YOUR BEST LAST CHANCE.

When it's life or death, nothing rivals an ACR product for high quality, cutting-edge technology and reliability beyond question. Built to exacting standards, our products are made to survive – so you will, too.

www.ACRARTEX.com

Category I is float-free and automatically activated. Category II is manually activated. The EPIRB must be tested when it is installed and at least once every month. The master is responsible for seeing that the EPIRB is tested.

All commercial fishing vessels operating on the high seas (beyond the 3 mile territorial sea line) are required to carry a 406 MHz EPIRB, Category I or Category II, as follows:

Vessel Type	EPIRB Required
36' or more	406mHz Category I
Less than 36'	406mHz Category II

We suggest recreational boaters follow the same guidelines.

ACR GlobalFix™ PRO 406 MHz EPIRB with GPS

With three levels of integrated signal technology - GPS positioning, a 406 MHz signal and 121.5 MHz homing capability- you can head offshore with confidence. Your position is quickly and accurately relayed to a worldwide network of Search and Rescue satellites, reducing search time and greatly increasing your chances of survival. As local rescue is deployed, a separate homing signal and integrated LED strobe light guides rescuers to your position. Performs a full-function self test of the internal circuitry, battery voltage and power. Built-in GPS acquisition test mode allows you to test the internal GPS receiver. Class 2 non-hazardous lithium battery. High impact UV resistant polymer.

Part#	Description	Order#
ACR-2844	Category II Manual	**733216**
ACR-2842	Category I Automatic	**733215**

ACR GlobalFix™ iPro 406 MHz EPIRB w/Dual GPS

A digital display shows GPS LAT/LON, operating instructions, usage tips, transmission bursts as well as battery power. The first EPIRB that offers Dual GPS Technology. Interface your iPRO to your onboard GPS to ensure that your LAT/LON is stored inside so the coordinates are transmitted in the first data burst. Highly visible LED strobe, high efficiency electronics, non-hazardous batteries, professional grade design, ergonomic, compact design. 15.3" x 4.2" x 3.6".

Part#	Description	Order#
ACR-2846	Category I Automatic	**729568**

Hydrostatic Release Kit for Category I

For Satellite, Satellite, (ACR-2774), RapidFix (ACR-2776), GlobalFix (ACR-2742), Sea Shelter models, ACR models: 2754, 2756, 2772, 9327, 9435 and 9455. GlobalFix 2842, 2846. RLB models: 27, 32, 33 & 35. Releases expire after 2 yrs.
ACR-9490 **Order# 173076**

Authorized ACR EPIRB Battery Replacement Center

ACR GlobalFix™ V4 EPIRB with GPS

Drastically increase your chances of survival at sea with the multiple built-in redundancies of the GlobalFix™ V4 EPIRB). Upon activation, the robust internal GPS accurately fixes your exact location, and your coordinates are broadcast via a powerful 406 MHz distress signal. In the absence of GPS data, orbiting Cospas-Sarsat satellites can accurately triangulate your position using the 406 MHz signal alone. A 121.5 MHz homing signal further guides searchers to your exact position. Features a highly visible LED strobe, internal 66 channel GPS, and high efficiency electronics. User replaceable battery, 7 year battery life. Built for the marine environment. Simple manual activation, keypad with protective cover to prevent false alarms.

Part#	Description	Order#
ACR-2831	Category II Manual	**757612**
ACR-2830	Category I Automatic	**757611**

ResQLink+™ Personal Locator Beacon with GPS

Small and mighty, the ResQLink+™ is a buoyant, GPS-enabled rescue beacon designed for anglers, pilots and back country sportsmen. Small enough to easily be carried in a pocket, clipped to a backpack or stored inside an inflatable life jacket. The ResQLink+™ is 5.4oz and 4.5" tall.
ACR-2881 **Order# 742479**

GME

PREPARE FOR THE EXTREME

6 year battery life and 6 year warranty*

GME EPIRBS and PLBs deliver the proven reliability that has lead to hundreds of successful rescues worldwide. Available in your choice of manual or water activation, float free and with optional GPS for increased accuracy and faster location, GME EPIRBs and PLBs set the standard for marine safety.

Manufactured to endure the most extreme marine environments in the world, it's no wonder that GME EPIRBs and PLBs are the emergency beacon of choice for professional mariners.

Prepare for the extreme with GME, because your life could depend on it.

*MT410 and MT410G PLBs have a 7 year battery life and warranty.

GPS Accuracy | Strobe Light | COSPAS-SARSAT Certified | Battery Life | Warranty

WHIFFLETECH MARINE SAFETY

Exclusive North American Distributor
P 207-647-3300 | **www.whiffletreecorp.com**

All commercial fishing vessels operating on the high seas (beyond the 3 mile territorial sea line) are required to carry a 406 MHz EPIRB, Category I or Category II, as follows:

Vessel Type	EPIRB Required
36' or more	406mHz Category I
Less than 36'	406mHz Category II

We suggest recreational boaters follow the same guidelines.

Category I is float-free and automatically activated. Category II is manually activated. The EPIRB must be tested when it is installed and at least once every month. The master is responsible for seeing that the EPIRB is tested.

GME

6 Year Battery!

ACCUSat™ 406 MHz EPIRBs

All GME EPIRBs are completely waterproof. They are fitted with long life batteries capable of retaining up to 90% of their original Amp Hour capacity. A safety seal serves to indicate that the beacon has never been turned on and the batteries have not been used. Test mode allows the beacon's functionality to be tested without accidentally transmitting a distress signal. The test actually measures the transmitters power output, not just the battery condition. The antenna is stainless steel. GMDSS/USCG Approved. 6 year warranty, 6 year battery replacement.

- GMSSS/USCG Approved
- Six Year Battery, Six Year Warranty
- Stainless Steel Antenna
- Completely Waterproof
- Best er!

Part#	Description	Order#
GME-MT403	Cat II Manual Release	**731676**
GME-MT403FF	Cat I Automatic Release	**731678**
GME-MT403G	Cat II Manual with GPS	**731677**
GME-MT403FG	Cat I Automatic with GPS	**731679**

Hydrostatic Release for Category I

GME-MT403FFSVC **Order# 734177**

mcmurdo
safety for professionals

SmartFind™ 406 MHz EPIRBs

Stylish and compact GMDSS compliant & USCG Approved, non hazardous battery for safe and easy transportation, Unique Carry Safe bracket for safe transportation, high brightness LED flashing locator lights, comprehensive diagnostic and self-test facilities, 5 year warranty, 5 year battery life. Once removed from its carry safe mounting bracket, the unit can be activated automatically by immersion in water, or manually by following the activation instructions printed on the unit.

Part#	Description	Order#
PW-406-2SF	Cat II Manual Release	**173676**
PW-406-1SF	Cat I Automatic Release	**173680**

Hydrostatic Release for Category I

RVS-PW57501 **Order# 121637**

mcmurdo
safety for professionals

New!

SmartFind™ S10

The Smartfind S10 is designed to be activated in the event of a man overboard situation or other personal crew emergency. The unit is activated and deactivated with a simple twist of the orange cap. Features a high precision GPS that will transmit position information and a serialized identity number back to your vessel's onboard plotter, enabling you to be quickly located and recovered. Transmits continuously for a minimum of 24 hours. 5 year battery storage life. Flashing LED indicator light makes you easier to spot at night.
PW-S10 **Order# 761092**

Authorized McMurdo EPIRB Battery Replacement Center

Given our commercial interests and the hazards of those who work on the water, safety has always been a primary concern of our business. In addition to the supplies we , Hamilton Marine also offers factory certified EPIRB service and battery replacement.

All Flares USCG Approved

USCG Approved Basic Kits

4 Handheld Red Flares
OLI-865 **Order# 735160**

3 Handheld Orange Smokes
OLI-958 **Order# 125668**

1 Handheld Orange Smoke
OLI-956 **Order# 736638**

Skyblazer Aerial Signal Kit
Perfect for the inland coastal boater who seldom travels off-shore. The 4 self-contained Skyblazer Alert signals are bright, safe, waterproof & float. Packed with an International orange zippered mesh storage bag with clip and space for additional signals and accessories.
OLI-859 **Order# 736917**

Alerter Basic: 12 Gauge Launcher & 4 HP Red Aerial Signals
12-gauge safety launcher and (4) 12-gauge high performance red aerial signals. Launcher is corrosion resistant with a bandolier that can hold up to 6 signals. OLI-584 **Order# 172812**

Pocket Rocket
The perfect small boat or PWC aerial signal. This compact, safe signal is perfect for the inshore boater. Contains: launcher, compact corrosion resistant waterproof floatable storage container & (4) red aerial flares.
OLI-528 **Order# 734090**

Pocket Rocket Replacement Flares
4-Pack
OLI-529 **Order# 734091**

12-Gauge High Performance Red Aerial Signal
USCG approved as a day or nightime signal. Altitude up to 500'. Average Candlepower: Up to 16,000 candela. Average Burn Time: Up to 7 seconds. 4 pack. OLI-539 **Order# 175223**

25mm HP Red Aerial Signals
Can be seen from over 25 miles away. Fits 25mm Orion guns. 4 pack.
OLI-589 **Order# 730797**

ORION
The Brightest Name in Safety

Locator Plus Signal Kit
USCG Approved for day or nighttime use. Perfect for lake and coastal boaters. Includes (4) USCG Approved handheld red flares (1) USCG Approved distress flag for effective daytime signaling and (1) safety whistle with lanyard (SOLAS Approved) packed in a waterproof, floating, compact case.
OLI-534 **Order# 748729**

ORION
The Brightest Name in Safety

Coastal Alerter Plus 12-Gauge Launcher
USCG Approved for day or nighttime use. When combined with handheld flares makes the perfect kit for coastal boaters. Includes: (1) 12-gauge safety launcher, (6) 12 gauge high performance red aerial signals, (1) signal mirror, (1) safety whistle with lanyard, and (1) floating, neoprene storage case. OLI-572 **Order# 753203**

ORION

Coastal Alert/Locate Signal Kit with Floating Case
This is the perfect kit for any inland or coastal boater. Includes: (1) 12-gauge safety launcher, (4) 12-gauge high performance red aerial signals, (4) red handheld signal flares, (1) handheld orange smoke signal, (1) floating, neoprene storage case.
OLI-575 **Order# 753205**

ORION
The Brightest Name in Safety

25 MM Alerter Basic Signal Kit
Includes (1) corrosion resistant glass filled resin 25 MM launcher with bandolier, (4) 25 MM high performance red aerial flares in floating neoprene storage case.
OLI-879 **Order# 757684**

ORION
The Brightest Name in Safety

12-Gauge Alert/Locate PLUS
Our most popular kit is now even better with the addition of the High Performance Signals. The perfect kit for any Inland or Coastal boater because it contains aerial, handheld and smoke signaling devices. Contains: 12-gauge safety launcher with bandolier, (4) 12-gauge red aerial signals, (4) handheld red signal flares, (2) handheld orange flares and a waterproof storage case that floats. OLI-544 **Order# 175224**

ORION
The Brightest Name in Safety

25MM HP Alert/Locate Plus
These new 25mm launcher & signals can be used with an existing Orion 25mm launcher or signal. Orion has improved the performance and quality and now their signals are made in the USA. Packed in a new heavy duty floating case, this is the best kit in their line. Contains 25mm launcher, (4) 25mm high performance red aerial signals, (4) handheld red signal flares, (2) hand held orange smoke signals, signal mirror, SOLAS & USCG approved whistle, USCG approved distress flag, New storage case.
OLI-511 **Order# 730798**

HZ HAZARDOUS SHIPPING

HAZARDOUS SHIPPING CHARGES APPLY TO ALL FLARES AND FLARE KITS

Check for Available Rebates at hamiltonmarine.com

ALL FLARES USCG APPROVED

3-50 Mile Commercial Fishing Distress Signal Kit

(3) Red Parachutes (3) Orange Smokes (6) Red Handheld Flares
Meets USCG Reg. 28.145 for commercial fishing vessels 3-50 miles from coastline. An excellent choice for all mariners in these waters. Flares are packed in a watertight, plastic dry box.
OLI-820 **Order# 118182**

50+ Mile Offshore Commercial Fishing Kit

Includes:
(3) SOLAS Red Parachutes
(3) SOLAS Buoyant Smokes
(6) SOLAS Red Handheld Flares
Comes in orange, watertight non-corrosive dry box.

OLI-821
Order# 744831

SOLAS/USCG/CCG Approved

ORION
The Brightest Name in Safety

Floating Orange Smoke Signal

USCG and SOLAS approved for daytime signal to help rescuers pinpoint your position. Each floating canister delivers 4 minutes of a dense orange cloud. Will not harm the environment.
OLI-801 **Order# 746567**

ORION
The Brightest Name in Safety

Red Handheld Signal Flares

This high intensity signal burns for 60 seconds and produces a signal with a brightness of 15,000 candle power. This is the perfect unit to help rescuers pinpoint your position. Will not produce hot residue harmful to inflatable life rafts. OLI-802 **Order# 746568**

ORION

White Handheld Signal Flares

These signals are intended to caution approaching vessels of your position, or to illuminate an area at night. Will not produce hot residue harmful to inflatable liferafts. Sold by each. OLI-803 **Order# 149285**

ORION
The Brightest Name in Safety

Red Parachute Signal Rocket

SOLAS & USCG Approved for day and night use. High powered aerial signal. Fires 350 meters into the air. The bright 30,000 candlepower meteor will stay aloft and burn for 40 seconds. Sold by the each. OLI-800 **Order# 731821**

Poly Dry Box

Rugged, nearly indestructible poly box for emergency gear/flares. Orange. Inside: 13" x 7-3/4" x 7-1/4"D.
MTM-SDB-1-35 **Order# 124577**

ORION
The Brightest Name in Safety

Handheld Signal Kit

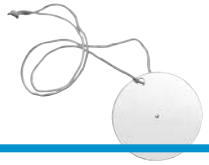
Includes:
(4) Handheld Red Signal Flares
(1) SOLAS Whistle with Lanyard
(1) Handheld Orange Smoke Signal
(1) Mini Horn, 1.5oz
(1) Signal Mirror
(1) Neoprene Storage Case
OLI-543 **Order# 753099**

ORION
The Brightest Name in Safety

Distress Flag

3' square plastic with grommets.
Meets USCG Requirement 160.072
OLI-925 **Order# 138445**

Signal Mirror



This essential, brilliant signal mirror lets you aim up to ten miles with total accuracy. 2-5/8" diameter.
PTO-16193 **Order# 138380**

Life Cell Storage and Flotation Device

Made from closed cell PU foam and constructed from UV resistant flame retardant polyethylene. Keeps safety equipment together. Easy to access in time of emergency. Simple to use, even for the novice boater. Keeps people together in the water. Ensures compliance with Maritime inspections. Light weight flotation device. High visibility Fire, impact, and UV resistant. Easy grip handles. Easily detaches from bracket. Floats off bracket if submerged. No expensive servicing required.

Part#	Description	Order#
LCM-LF5	Trailer Boat, for 2-4 people	**764220**
LCM-LF3	Yachtsman, for 4 people	**764221**
LCM-LF2	Trawlerman, for 6 people	**764222**

Please Note:

HAZARDOUS SHIPPING CHARGES APPLY TO ALL FLARES AND FLARE KITS.
KITS CANNOT BE SHIPPED VIA AIR. THEY MUST BE SHIPPED VIA FED-EX GROUND.

HZ HAZARDOUS SHIPPING

ORION
The Brightest Name in Safety

Runabout Kit

11 Different Items/38 Total Pieces

- Adhesive Strips (13)
- Wound Dressings (3)
- Antiseptics (15)
- Medicinals: Aspirin (6)
- First Aid Instruction Book

OLI-962 **Order# 149305**

Weekender Kit

18 Different Items/146 Total Pieces

- Adhesive Strips (65)
- Wound Dressings (9)
- Antiseptics (45)
- Medicinals: Aspirin (10)
  Motion Sickness Tablets (12)
- Scissors, Forceps, Latex Exam Gloves (2)
- First Aid Instruction Book

OLI-964 **Order# 149307**

Offshore Sportfisher Kit

30 Different Items/165 Total Pieces

- Adhesive Strips (65)
- Wound Dressings (19)
- Burn Module (3 pieces)
- Antiseptics (45)
- Eye Flush
- Medicinals: Aspirin (10), Motion Sickness Tablets (12)
- CPR Shock Module (3 pieces)
- Triangular Bandage, Cold Pack, Scissors, Forceps, Latex Exam Gloves
- First Aid Instruction Book

OLI-844 **Order# 175226**

Coastal Kit

20 Different Items/75 Total Pieces

Double zipper, PVC coated nylon bag

- Adhesive Strips (16)
- Wound Dressings (13)
- Antiseptics (31)
- Medicinals: X/S Non-Aspirin
  (gen. X/S Tylenol) (4) Motion Sickness Tablets (4)
- Elastic Bandage, Instant Cold Pack, Latex Exam Gloves

OLI-840 **Order# 736634**

Voyager Kit

Zippered neoprene floating case.

- Bandages & necessities (58)
- Larger bandages & gauze (21)
- Fractures, sprains & limb injury (4)
- Eye injury (4)
- Medicinals (67)
- CPR mask, rescue blanket (3)
- Burn Module (3 pieces)

OLI-847 **Order# 752781**

Inland Kit

74 Total Pieces

Waterproof zip lock nylon pouch with Velcro® attachment that can affix to bulkhead or folded and worn on your belt. Meets the requirements for basic cuts and scrapes. Contains: General First Aid Module (58 items, Basic necessities) & Wound Treatment Module (13 items, Larger bandages, gauze).

OLI-943 **Order# 155115**

Fish 'N Ski Kit

13 Different Items/74 Total Pieces

- Adhesive Strips (26 pieces)
- Wound Dressings (4 pieces)
- Antiseptics (19)
- Medicinals: Aspirin (12)
  Motion Sickness Tablets (12)
- First Aid Instruction Book

OLI-963 **Order# 149306**

Cruiser Kit

23 Different Items/158 Total Pieces

- Adhesive Strips (65)
- Wound Dressings (19)
- Antiseptics (45)
- Medicinals: Aspirin (10)
  Motion Sickness Tablets (12)
- Triangular Bandage, Cold Pack,
  Scissors, Forceps, Latex Exam Gloves
- First Aid Instruction Book

OLI-965 **Order# 149308**

Blue Water Kit

29 Different Items/146 Total Pieces

Double zipper, PVC coated nylon bag

- Adhesive Strips (16)
- Wound Dressings (16)
- Antiseptics (32)
- Medicinals: Aspirin (10),
  Ibuprofen (10), Antacid (10),
  Motion Sickness Tablets (14),
  X/S Non-Aspirin (10), Antihistamine (6)
- Elastic Bandage, Eye Cup, Instant Cold Pack,
  Latex Exam Gloves

OLI-841 **Order# 736635**

Kayak Aerial Signaling Kit

U.S. Coast Guard Approved aerial, and other visual signals. Lightweight and compact for easy storage and quick access in an emergency. Neoprene case is high-vis international orange and floats.

- 2 Skyblazer II Self Contained Red Meteors
- 1 Signal Mirror
- 1 SOLAS and USCG Approved Whistle
- Neoprene Storage Case

OLI-769 **Order# 759983**

Please Note:

HAZARDOUS SHIPPING CHARGES APPLY TO THIS KIT.
MUST BE SHIPPED VIA FED-EX GROUND.

Life Boat Kit

Meets USCG requirements 46 CFR 160.41. Contains 14 different items and 189 pieces.

OLI-811 **Order# 149312**

USCG Approved!

Radar Reflector

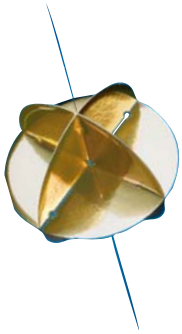
Aluminum, fixed mount.
Designed for high flyer poles.

Part#	Size	Order#
HML-FL04015	Small	**172551**
HML-FL04016	Large	**172552**

DAVIS

Emergency Radar Reflector

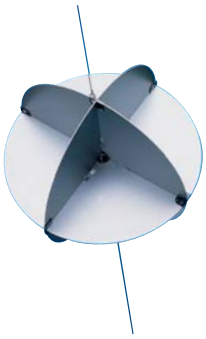
Compact and lightweight, this Davis emergency unit disassembles and stows flat when not in use. Pops open instantly and may be installed in seconds. Made of a special plastic-metal foil laminate. Resists corrosion and peeling.
DAV-151 **Order# 107267**



DAVIS

EchoMaster Standard Radar Reflector

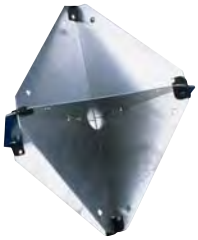
Comes in a plastic case and folds flat for easy storage. Made of stamped aluminum sheets with locking corner rivets. Can be assembled around a backstay or wire rigging. Mounting holes in corner latches make sturdy attachment points for suspending from a bridle. Non-anodized marine grade aluminum plates. DAV-152
Order# 740414



SEA-DOG LINE

Collapsible Radar Reflector

Made from stamped aluminum, this improved design has quick connect corner brackets for easy disassembly and flat storage. 10 3/4" x 10 3/4".
SD-583422 **Order# 142568**



Plastimo Tubular Radar Reflectors

Mobri-type tubular shape minimizes both windage and chafe on other gear. Powerboat model includes a mounting bracket. Sailboat model bracket is at the ends for mounting on a shroud.

Boat	Length x Dia	Order#
Sailboat	22.6" x 1.95"	**157892**
Sailboat	23" x 3.9"	**157893**
Powerboat	21.8" x 1.95"	**157894**
Powerboat	21.8" x 3.9"	**157895**

Spreader Halyard Kit

Includes 40' polyester line, stainless steel block and wire rope clamp, two bronze snaps and stainless steel shroud cleat.
JON-40-530 **Order# 120681**

JIM-BUOY

Sea Anchors

Vinyl coated nylon trolling sea anchors with 1" polypropylene shroud lines. Easily collapsed for storage.

Part#	Size	Order#
CAL-926	18"	**105267**
CAL-927	24"	**105268**
CAL-928	30"	**105269**

DAVIS

Rocker Stoppers

Help dampen the rocking motion of boats at anchor. Tie 18" apart, making a string of them, with a 5-10 lb weight attached at the bottom of the string. One string for each side of the boat. Use 3/8" line. Lightweight and molded of high impact, virtually indestructible styrene. Unaffected by salt water and cannot affect the sides of your boat. 14" diameter.

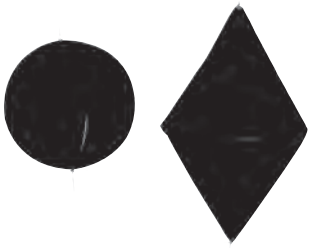
Number of Rocker Stopper Units Needed on Each Side of the Boat (Sail or Power):
Up to 26' - 3
27' to 36' - 4
37' to 42' - 5
43' to 50' - 8
DAV-0352 **Order# 138118**

JIM-BUOY

Day Mark Signals

Heavy duty vinyl coated nylon fabric with stainless steel or galvanized framing. Fully collapsed when stored. Rapid and rigid display when required. Suitable for recreational and commercial use.

Part#	Shape	Size	Order#
CAL-1900	Ball	24"	**105213**
CAL-1902	Double Cone	24"x48"	**105215**



Motoring Cone & Anchor Ball

Cone is required on sailboats 40' or larger proceeding under sail when also being propelled by machinery during daylight hours. Display with cone pointing down, in the "catch rain" position. Molded black plastic. Folds flat. Ball represents a vessel at anchor in daylight.

Part#	Shape	Size	Order#
PTO-16206	Cone	13.75" x 13.38"	**131269**
PTO-39552	Cone	18.5" x 13"	**160085**
PTO-16185	Ball	11.7" dia	**157896**
PTO-39553	Ball	13.7" dia	**157927**

PLASTIMO

Nylon Diver Down Flags

Part#	Size	Order#
DET-252700	12" x 18"	**143309**
DET-252704	20" x 30"	**148606**

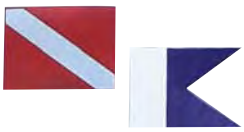
Deluxe Torpedo Float

2 pieces with 14" x 18" flag.
NEI-FL145 **Order# 173798**

2" x 3" Dive Stickers

Dive Flag TDV-DS00
Order# 159155

Alpha Dive Flag TDV-DS70
Order# 159157



100% OZONE SAFE!

Recharging
All 125 and larger systems equipped with rechargeable cylinders. Smaller systems use non-rechargeable cylinders.

CG2 Series Heat-activated discharge is automatic at 165° F, 74° C. A control panel indicator lamp and pressure gauge provide "charge/discharge" system status. Diesel powered craft must also install Auto Engine Shutdown System.

MA2 Series Manual/Auto discharge feature positive backup via a mechanical pull cable. Diesel powered craft must also install Auto Engine Shutdown System. For use in USCG inspected vessels.

Systems contain non-residue HFC-227ea Heptafluoropropane which is approved for occupied spaces and is approved for use in Europe.

CG2 Fire Extinguisher System

Protecting vessels with engine rooms up to 700 cubic feet. Automatic discharge only. USCG, Factory Mutual, and Bureau Veritas Approved.

Part#	Max. Volume Protected	Unit Diameter	Unit Height	Agent Weight	Order#
FBY-CG2-025-27	25 Cubic Feet	3.3"	9.5"	1.1 lbs	**737566**
FBY-CG2-050-27	50 Cubic Feet	3.3"	13.3"	2.2 lbs	**737567**
FBY-CG2-075-27	75 Cubic Feet	4.3"	15.6"	3.2 lbs	**737568**
FBY-CG2-125-27	125 Cubic Feet	4.3"	15.6"	5.4 lbs	**737570**
FBY-CG2-150-27	150 Cubic Feet	5.1"	17.2"	6.5 lbs	**737571**
FBY-CG2-200-27	200 Cubic Feet	5.1"	17.2"	8.6 lbs	**737572**
FBY-CG2-375-27	375 Cubic Feet	7.1"	17.2"	16.2 lbs	**737574**
FBY-CG2-450-27	450 Cubic Feet	7.1"	19.4"	19.4 lbs	**737575**
FBY-CG2-700-27	700 Cubic Feet	7.1"	27.4"	30.2 lbs	**737576**

MA2 Fire Extinguisher System

For USCG Inspected Vessels

Protecting vessels with engine rooms up to 1000 cubic feet. Automatic discharge with optional manual discharge. USCG, Factory Mutual, and Bureau Veritas Approved.

Part#	Max. Volume Protected	Unit Diameter	Unit Height	Agent Weight	Order#
FBY-MA2-075-27	75 Cubic Feet	4.3"	15.6"	3.2 lbs	**737598**
FBY-MA2-125-27	125 Cubic Feet	4.3"	15.6"	5.4 lbs	**737600**
FBY-MA2-200-27	200 Cubic Feet	5.1"	17.2"	8.6 lbs	**737602**
FBY-MA2-275-27	275 Cubic Feet	6.3"	17.3"	11.9 lbs	**737605**
FBY-MA2-375-27	375 Cubic Feet	7.1"	17.2"	16.2 lbs	**737610**
FBY-MA2-500-27	500 Cubic Feet	7.1"	27.4"	21.6 lbs	**737612**
FBY-MA2-600-27	600 Cubic Feet	7.1"	27.4"	25.9 lbs	**737614**
FBY-MA2-700-27	700 Cubic Feet	7.1"	27.4"	30.2 lbs	**737616**
FBY-MA2-100027	1000 Cubic Feet	10"	21.4"	43.2 lbs	**737622**

MA2 Series Cable Kits Other Sizes Available.

Part#	Description	Order#
FBY-E420908	8' Cable Assembly	**113984**
FBY-E420912	12' Cable Assembly	**113986**
FBY-E420916	16' Cable Assembly	**113988**
FBY-E420920	20' Cable Assembly	**113990**
FBY-E420930	30' Cable Assembly	**113995**

Angled Pull-Out Adapter

TEL-048210
Order# 123774

DC Control Connector

Converts standard 3300/33C cable into a utility control. TEL-301916
Order# 123869

Individual Warning Panel for CG2 & MA2

FBY-312-437 **Order# 113965**

Automatic Engine Shutdown Systems

Compressed gas suppressants will not stall a diesel engine. If fire breaks out aboard a diesel-powered vessel, the engine must be shut down immediately. Continued operation may remove the agent creating the possibility of re-ignition. The display comes with an integrated alarm horn, charged/discharged lights and an override switch for restart or control of auto-shutdown. 12V. For CG2 & MA2.

(3) Ten Amp Circuits FBY-ES-3000-01
Order# 113996

(5) Ten Amp Circuits FBY-ES-5000-01
Order# 150950

Please Note:
HAZARDOUS SHIPPING CHARGES APPLY TO ALL FIRE EXTINGUISHERS. THEY CANNOT BE SHIPPED VIA AIR. THEY MUST BE SHIPPED VIA FED-EX GROUND.

USCG Size Ratings				
USCG Rating	Foam	Dry CO2	**Chemical**	Halon
B-1	1.25 gal	4 lbs	**2 lbs**	2.5 lbs
B-2	2.5 gal	15 lbs	**10 lbs**	10 lbs

Vessel Length	No Fixed System	With Approved Fixed System
Less than 26'	(1) B-1	0
26' to less than 40'	(2) B-1 or (1) B-2	(1) B-1
40' - 65'	(3) B-1 or (1) B-2 & (1) B-1	(2) B-1 or (1) B-2

KIDDE

Heavy Duty Commercial Refillable Extinguishers

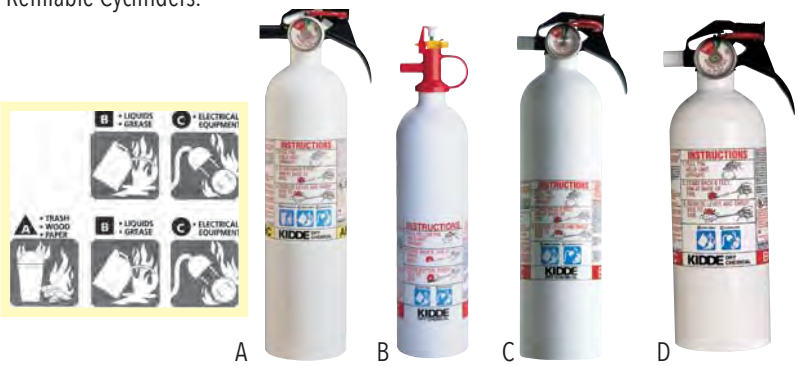
Easy to operate, rechargeable ABC type extinguishers. Feature integral gauges that indicate whether the extinguisher is ready for use. The B-1 models include a metal, USCG-approved bracket. Extinguishing Agent: Tri-class dry chemical (primarily monoammonium phosphate). Warranty: 6 years.

	Part#	Size	Height	Width	USCG	USCG Approved	Order#
A	KID-46622701	2.5 lbs	15"	5.3"	B-1	yes	**730510**
B	KID-46611201	5 lbs	16"	7.8"	B-1	yes	**730511**
C	KID-466204	10 lbs	21.18"	8.22"	B-2	w/bracket	**155377**
D	KID-366242	Heavy Duty Bracket for 10 lb Extinguisher					**730513**

KIDDE

Mariner Dry Chemical Fire Extinguishers

Pressure Gauge, UL Listed, Bracket and Strap, 6 Year Limited Warranty. Non-Refillable Cyclinders.



	Part#	Size/Lbs	Description	Order#
A	KID-466627	2.5	1A 10 B:C	**138905**
B	KID-466636	2	5 B:C Personal Watercraft	**138908**
C	KID-466628	2.75	10 B:C	**138907**
D	KID-466635	2	5 B:C	**138906**

Please Note:

HAZARDOUS SHIPPING CHARGES APPLY TO ALL FIRE EXTINGUISHERS. THEY CANNOT BE SHIPPED VIA AIR. THEY MUST BE SHIPPED VIA FED-EX GROUND.

KIDDE

5 lbs Carbon Dioxide Extinguisher 5 B:C

Liquid carbon dioxide, under pressure, is discharged as particles of "snow" and leaves no messy residue. Lightweight alloy aluminum cylinder, attractive epoxy coating effective against corrosion, easy-squeeze hand-operated, long-lasting nickel/chrome plated brass valve with stainless steel handle and lever. O-ring seal. Straight-thread design. Resists dents and punctures, rugged, stainless steel hose and horn bracket band.
KID-466180 **Order# 120826**

ORION
The Brightest Name in Safety

Chimfex® Chimney Fire Extinguisher

Use in wood stove or fireplace. Eliminate chimney smoke, clean chimney, and control fires. Easy, toss-in convenience. Works safely with no water damage. OLI-3412 **Order# 759789**

FIREBOY

Gasoline Fume Detector

Detects gasoline fumes as well as high concentrations of battery vapors or engine exhausts. Standard 2" diameter display includes test button and alarm silence. Simple 12VDC installation. Quick disconnect sensor comes with 20' of lead. One year warranty.
FBY-M-1 **Order# 114005**

Propane/CNG Automatic Monitor and Control

State of the art, propane/CNG control system with 2 channel monitoring. When propane gas is flowing to the appliance and a leak is detected, the solenoid valve (installed in the gas line) automatically shuts off the flow of propane gas. A "Red" visual light illuminates and the audible alarm sounds until the problem is corrected or the alarm is muted. "PRESS TO TEST" each sensor confirms proper function. Includes one solenoid control valve and one propane/CNG sensor.
FBY-S-2A **Order# 114021**

Fuel Vapor Monitor

Simple, yet highly effective detector of engine compartment fuel vapors, as well as of fumes (unburned hydrocarbons) from faulty exhaust systems, and hydrogen (battery vapors). When these fumes are detected, a warning light illuminates and the alarm sounds. The sensor is engineered to alarm at 16%-20% of the Lower Explosive Limit (LEL). "PRESS TO TEST" for each sensor confirms proper function. FBY-M-2A **Order# 114006**

Propane Detector

Simple one channel propane fume detector. Includes "test" and "mute" buttons. Alarms at 18-20% LEL. Includes one MS-2 sensor. Quick disconnect sensor includes 20' lead. Simple installation. FBY-S1
Order# 140301

Solenoid Valve

FBY-SV-1
Order# 114023

NON-HAZARDOUS!

5 oz Sonic Blast Horn

Specially formulated, non-flammable propellant horn that has a 99.5% lower global warming potential than other horns and is ideal for uses where flammability is a concern, including boating, manufacturing plants, construction sites, etc. It is not considered hazardous, and needs no special documentation. Provides up to 56 blasts per can. High impact white plastic trumpet. Provides a 120 dB sound level at 10 ft. Meets USCG requirements for boats up to 65'. FAL-FSB5 **Order# 761144**

1 oz Sonic Blast Horn

Has the same specially formulated non-flammable propellant as the horn above. Includes handy Velcro® loop for attaching to wrist, belt or pack. Provides up to 12 blasts per can and a 112 dB sound level at 10 ft. Meets USCG requirements for boats up to 35'. FAL-FSB1V **Order# 761143**

OZONE SAFE!

Sports Horn

USCG approved for vessels up to 65'. Contents flammable.
FAL-FSH **Order# 113883**

Refill for above, 5.5 oz.
FAL-FSHR **Order# 113884**

Beckson

Soft•Mate Holder

Soft flexible PVC. The perfect size for an air horn. Includes mounting screws. White.
4.5"H x 3"W x 2.75" Diameter.
BEC-HH-6 **Order# 103007**

U.S.Navy Whistle

Developed by the U.S. Navy, this rugged USCG approved whistle facilitates locating overboard victims. The loud, shrill, dual tone is audible from great distances. Should be attached to all life jackets, rafts, and foul weather gear. SOLAS Required. ACR-WW-3 **Order# 100730**

PERKO

Ball Type Whistle

Orange plastic construction. 2-1/4" L x 3/4" W.
PKO-349DP **Order# 127028**

Weems & Plath®
Manufacturer of Fine Nautical & Weather Instruments

New!

LED SOS Distress Light with Distress Flag

Complies with all current US Coast Guard requirements for "Night Visual Distress Signals" in Code of Federal Regulations. Flashes ONLY the SOS light sequence. When combined with a daytime distress flag (included), meets all current USCG Federal Requirements for DAY and NIGHT use in lieu of traditional flares.
WEM-C-1001 **Order# 760772**

Electric Sports Horn w/Cradle

Contains no CFC's, no hazardous material and has no limited shelf life. Weatherproof, shock resistant construction. Meets USCG requirements, requires one 9-Volt battery (not included). 7"L x 2.75"W. Yellow. Includes cradle for hanging. INI-545-2010 **Order# 172483**

Safety Blaster Horn

The fail proof signal horn! Extremely loud, tested and heard over one mile on water. Works as long as your breath. Guaranteed not to rust. Complies with USCG regulations. Assorted colors.
HM-BLASTER **Order# 117628**

PERKO MADE IN THE USA

Emergency Horn

Emergency fog horn. Aluminum, white baked enamel finish. Nylon mouthpiece. 12-1/2" length.
PKO-162DPWHT **Order# 126891**

Fog Bells

Made of cast brass, produces a striking, clear sound. Complete with removable arm bracket. Makes a great doorbell!

Description	Order#
6" Polished Brass	144973
6" Chrome Plated	142566
8" Polished Brass	142773
8" Triple Chrome Plated	142774

SEADOG LINE

Heavy Duty Brass 8" Fog Bell

Meets Coast Guard, ABYC and NMMA requirements with a minimum of 200 cm mouth opening and striker mass no less than 3% of mass of the bell. Mounting bracket and fasteners included.
SD-455880-3 **Order# 747825**

PERKO MADE IN THE USA

Commercial Fog Bell

Plain Brass, light weight, fixed mounting. USCG approved for inspected vessels of any length. 12" mouth, 8" height.
PKO-179012PLB **Order# 126914**

FogMate™ Automated Horn Controller

For fog & distress signaling. Electronic controller for a power or sailboat's navigational horn. Enclosed in a small footprint, weatherproof, easy-to-install package. Automatically controls a horn to sound COLREGS blast cadences for operating in conditions of limited visibility on a two minute cycle or in a distress (SOS) signaling mode. Configurable based on whether the vessel is under power, sail, etc. Only 2-1/4" x 1-1/2".
TSX-FM012 **Order# 155798**

13.5" Deluxe Stainless Steel Shorty Single Horn

5-YEAR WARRANTY

304 Stainless Steel inside & out including sealed sound unit. No rust. Guaranteed for 5 years. Dimensions: 13-1/2" L, 3-1/2" W, 4" H (35.5 x 9 x 10 cm). Max Amp Draw: 4 Amps. Rating: 114 db 1 Meter. FF: 410 Hz + 20. ONG-10009 **Order# 176720**

16.5" Stainless Steel Single Trumpet

5-YEAR WARRANTY

All stainless steel inside and out. Rating: 118db 1 meter. Max draw 3-1/2 amps.
ONG-10027 **Order# 143350**

18.5" Dual Stainless Steel Trumpet Horn

5-YEAR WARRANTY

All stainless steel inside and out. 122db 1 meter. Meets ABYC specs for boats to 65'. ONG-10028 **Order# 143353**

Stainless Steel Mini Drop-In Horn

Meets ABYC specifications for boats up to 39'. Features a waterproof grill. 105db 1 meter. All stainless steel inside and out. 5 year guarantee. Grill dimensions: 4-7/8" x 2-3/8" with 4" hole centers.
ONG-10050 **Order# 173661**

MARINCO 5 YEAR WARRANTY

12v Single Trumpet Premium Horn

100% stainless steel exterior. Includes laminated horn signal card and stainless steel mounting screws. Type 304 stainless steel diaphragm. Dimensions:16.5" L x 4" W x 4.75" H. Maximum amp draw: 5 Amps. Rating: 118db 1 meter. Fundamental frequency: 390±15 Hz.
AFI-10028XLP **Order# 175978**

MARINCO 5 YEAR WARRANTY

12v Dual Trumpet Premium Horn

100% stainless steel exterior. Includes laminated horn signal card and stainless steel mounting screws. 304 stainless steel diaphragm. Dimensions: 18.5" L x 8" W x 5" H. Maximum amp draw: 10 Amps. Rating: 123db 1 meter. Fundamental frequency: 390±15/330±15 Hz.
AFI-10029XLP **Order# 175980**

Mini Compact Single

304 stainless steel cover, diaphragm and bracket. 3"L x 3-1/4"W x 1-3/4"H. Rating: 108db 1 meter. Max draw 3 amps.
ONG-10035 **Order# 143351**

No Cover
All Stainless Inside/Out
ONG-11032 **Order# 149918**

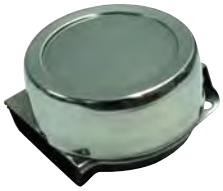
Mini Compact Dual

304 s/s covers, diaphragms and brackets. 3"L x 8"W x 1-3/4"H. Rating: 111db 1 meter. Max draw 6 amps.
ONG-10001 **Order# 143773**

All Stainless Inside/Out
ONG-10002 **Order# 149917**

SEASENSE

Mini Compact Horn



Stainless steel cover. 12 volt DC. Comes complete with mounting pad and wire harness. Excellent for external applications. Meets USCG regulations.
UNM-50031902 **Order# 749700**

MARINCO 5 YEAR WARRANTY

12v Single Trumpet Mini Air Horn

Non-corrosive Lexan® diaphragm, chrome plated solid brass. Includes compressor, air tubing, fittings & hardware. 9.5"L x 3.5"W x 3.5"H. Maximum amp draw: 20 amps. Rating: 126db 1 meter, 1/3 octave band. Fundamental frequency: 525±15.
AFI-10107 **Order# 101009**

MARINCO 5 YEAR WARRANTY

12v Single Trumpet Air Horn

Non-corrosive Lexan® diaphragm, chrome plated solid brass. Includes compressor, air tubing, fittings & hardware. 17"L x 3.75"W x 3.75"H. Maximum amp draw: 20 amps. Rating: 120db 1 meter, 1/3 octave band. Fundamental frequency: 315±15
AFI-10105 **Order# 101008**

MARINCO 5 YEAR WARRANTY

12v Dual Trumpet Air Horn

Non-corrosive Lexan® diaphragm, chrome plated solid brass. Includes compressor, air tubing, fittings & hardware. 17"L x 7"W x 3.75"H Maximum amp draw: 20 amps, Rating: 121db 1 meter, 1/3 octave band, Fundamental frequency: 375±15/315±15.
AFI-10106 **Order# 156804**

800-639-2715

RIGID

RT800 Flashlight

An extremely versatile flashlight utilizing a Cree 10w XM-LED with a machined aluminum reflector. Features a nice wide beam for area illumination, but a focused center that will project 1000' on the highest setting. Includes a dual AC car charger. 800 Lumens.
RIL-30120 **Order# 743671**

Rechargable Battery	**Order# 760900**
Battery Charger	**Order# 759052**

MagLite® 2 D-Cell LED Flashlight

Rugged, machined aluminum construction with knurled design. Anodized inside and out for improved corrosion resistance. Water and shock resistant. Spare lamp safely secured inside the tailcap. Powerful projecting LED beam focuses simply by rotating the head. Highly refined reflector with a quality LED, for a brilliant adjustable beam. Extended battery life.
HTV-672376 **Order# 733219**

Rechargeable Flashlight & USB Charge Hub

Rechargeable flashlight powered by a lifetime LED light. 1,000 lumen beam. USB port charges cell phones and other personal electronics. Includes lithium ion rechargeable battery, plus 3-way cord for charging micro USB devices. Water-resistant aluminum housing, 1.5 Amp discharge allows users to use their existing USB chargers.
HTV-203497 **Order# 759941**

Rechargeable LED Flashlight

NITE IZE INNOVATION

This rechargeable, ultra-bright, 251 lumen lithium ion-powered flashlight features INOVA's precision engineering, serious LED performance, nearly endless illumination with rechargeability and a 36,300 hour LED.
NIT-X3RB-01-R7 **Order# 763891**

Tec 40 Waterproof Halogen Flashlight

Waterproof to 2000 feet. When it's time to load up, weight and size do matter-and that's when the TEC 40 really shines. This compact halogen unit provides the highest power to weight ratio of any light in its class. 4 "AA" Alkaline batteries, 3-5 hrs of burn time. Weight: 5.1 oz with batteries.
PTT-TEC40HYL **Order# 149447**

Head Lamp

120 Lumen head lamp. Polycarbonate constructed body. Withstands drops up to 1 meter. Weather Resistant, ANSI tested. 4 modes: hi, low, red and red flash. flexible head strap included. Uses 3 "AAA" batteries, included.
PRR-PLYHLRZ-32 **Order# 756954**

INOVA Swipe-To-Shine Headlamps

NITE IZE INNOVATION

Innovative Swipe-To-Shine interface allows for simple access to multiple modes, all with a swipe of your finger. The lightweight body, high quality woven strap and waterproof construction makes these headlamps indispensable lighting tools anywhere high quality hands-free illumination is needed.

Blue	Charcoal	Orange
753577	**753578**	**753579**

PELICAN

Super PeliLite

Unbreakable and watertight to 500 ft. Weight: 6 oz. with batteries. Uses 2 C alkaline cell batteries. Lifetime guarantee. 6" L x 1 5/8" Dia.

Part#	Color	Order#
PEL-1800C-ON	Orange	**126147**
PEL-1800C-YL	Yellow	**126148**

FM, CSA, AUS and MSHA approved non-incendive.

PELICAN™ Super SabreLite® Photoluminescent

Powered by 3 C alkaline cells, submersible, and has an ABS resin body which resists chemicals, corrosion, and extreme temperatures. Outfitted with a lens ring that emits a bright glow in the dark. The photoluminescent material in the plastic absorbs the energy from any light source.
PEL-2000PLC-YL **Order# 737665**

Replacement Lamp PEL-2004 **Order# 126163**

PELICAN

StealthLite® Photoluminescent

The tough resin body is corrosion proof and resistant to extreme temperatures. Powered by 4 AA alkaline cells (included). Outfitted with a lens ring that emits a bright glow in the dark. The photoluminescent material in the plastic absorbs the energy from any light source.
PEL-2400PLC-YL **Order# 737666**

PELICAN™ Super MityLite™

Watertight to 600'. Made of unbreakable poly-resin. Focused beam is 600% brighter than other pocket lights. Uses 2 AAA batteries. 4-3/4" long.

Part#	Color	Order#
PEL-1900C-YL	Yellow	**126154**
PEL-1900C-NG	Neon Green	**126151**
PEL-1900C-ON	Orange	**126152**
PEL-1900C-WH	White	**138108**

PELICAN™ LED Photoluminescent Right Angle Light

Featuring downcast LEDs for illuminating your path. Features 174 lumens (high) and 95 lumens (low), and a signaling mode. Built-in battery life indicator so you will know your light's battery level before you go. Compact, rugged, and lightweight.
PEL-3715PL **Order# 745768**

Inflatable Solar Lights

New!

Bright, compact, and portable, ideal for camping, travel, or working around the house. Charges in 7 hours. Charge level indicator. 4-1/4" tall x 5" diameter, less than an inch collapsed. The color version has 8 vibrant colors. Choose the mood by setting a color, or cycle through them all in sequence. Waterproof, lightweight and completely solar. No batteries needed, just the sun.

Part#	Description	Order#
MPD-1002001	Clear	**760839**
MPD-1003001	Color	**760838**

AR Tech Glow Flashlight

This compact fluorescent flashlight is a personal lantern, an emergency flasher, and a water resistant LED flashlight all in one. With five powerful light modes, including an emergency red flasher, this multi-function flashlight is not only useful, but ideal for safety. The whole flashlight glows, much like a lantern, providing 360 degrees of light.
LIG-LG02-10160 **Order# 751933**

Glow Stick/Flashlight/Whistle/Flasher

200 hour glow stick. Built-in flashlight, emergency whistle, LED technology, emergency flasher. 10,000 hours product life with replaceable batteries (Three AG-13 batteries included).

Blue	Green	Red
733140	**733141**	**733139**

Mini Aluminum Keychain Flashlight

Detachable carabiner hook, twist to turn on and off. Ideal size for your car, purse, backpack, briefcase or kitchen desk or drawer. LED technology, 8 lumens. Requires four LR41 batteries (included). Assorted colors.
LIG-LG518 **Order# 743776**

Mini Maxx LED Flashlight

This light packs super bright LED technology in a compact flashlight. Nine super bright white LEDs provide 22 Lumens of light from this powerful flashlight. Low power consumption and long LED life. Black anodized aluminum body finish. Powered by three AAA Batteries (not included).
LIG-MINIMAXXLB **Order# 734988**

GARRITY Disposable Life Lite

The World's #1 ing disposable flashlight for over 30 years and has been used daily by firefighters nationwide since it's inception. Provides seven hours of continuous light. Glow in the dark switch. Convenient…Never replace batteries or bulb.
GRT-LL10GDE12N **Order# 116436**

LED Life Lite GRT-KL10GST12N **Order# 172214**

Waterproof Floating LED Flashlight

4 LED, 32 Lumens floating flashlight. Rubber booted push button switch. Includes a carabiner clip and 3 AA batteries. DCY-412510 **Order# 741337**

Cyber Light LED Flashlight

Super bright high flux LED providing 180 lumens of light output. Durable plastic & rubber construction and can withstand up to an 8 ft drop. True spot reflector provides 275 meter beam of light. 5 hours of burn time. Includes 4 AA cell batteries and nylon lanyard. Weight: 6.8 oz with batteries.
DCY-414750 **Order# 742315**

Multi-Mode LED Glow Spot Light

Great useful and practical safety accessory for any hiking or water excursion. Water resistant and water smart, it turns on automatically if it falls into water. Shuts off automatically after an hour. Features LED flashlight/360° lantern, red glow, and emergency red flasher. Opens with a twist to reveal a storage space ideal for easy access to keys, first aid kits, or money. Includes batteries.
LIG-LG0310161 **Order# 756604**

Ultimate Survival LED Lanterns

PICO™ LED Lanterns

1 watt Nichia white LED up to 123 lumens. 3-Mode electronic switch (high, low & SOS flashing). Small in size with long runtime up to 91 hours continuous use. Removable cap provides forward area light. Rubberized housing enhances impact resistance. Built-in recessed hook at lantern base for hanging overhead as area light. Special textured cap for smoothing beam. Water resistant. 5.25"H x 2.25"D.

Color	Order#
Glow in the Dark	**749104**
Silver	**748974**

10-Day LED Lantern

10 day burn time on low setting. 26 hours burn time on high setting. 12 ultra bright LEDs never need replacing. Uses 4 D batteries. Adjustable dimmer switch. Weather-Resistant. 360° light. 10.8" x 6.3".
UST-20-PLC6B **Order# 753239**

30-Day LED Lantern

Lasts an amazing 30 days (on low). Super bright 300 lumen light runs on two 2 Watt Nichia LEDs - unbreakable and never need replacing. 4 different lighting modes (low, medium, high & SOS flashing). Removable globe provides forward area light or can be used as a downlight with built-in recessed hook. Water & impact resistant. Takes 3 D batteries (not included). 9.5"H x 4"D. UST-PL20C3D
Order# 748979

Promier LED Lanterns

The perfect sized LED lantern that goes everywhere with you. Carry it like a conventional lantern or turn it upside down and hang it with the retractable hook. You can also easily remove the hurricane (shade) to provide a non-diffused light. Three lighting modes, impact and weather resistant, batteries included.

Part#	Lumens	Order#
PRR-P150LAN	150	**763838**
PRR-P450LAN	450	**763837**

Promier 36 LED 750 Lumen Lantern

This lantern is a strong, durable and versatile LED lantern. Four light modes for four levels of brightness. Super bright 750 lumen COB LEDs. Weather and impact resistant, integrated compass, fold away carry handle and hanging hook. Includes 4 C batteries.
PRR-36LANTERN **Order# 763839**

Suncor Stainless

Suncor's full line of quality stainless steel products is available at Hamilton Marine.

CHAIN

MADE IN USA

Suncor is proud to offer U.S. made stainless chain. Anchor chain fits many standard windlasses and has a working load limit of up to 6,500 lbs. Barrel loads, cut lengths and slings are available. Suncor is a proud member of NACM.

Stainless Steel Chain Page 137

HAND SWAGE

GET HANDS ON!

Suncor's newly developed hand swage series boasts 19 different types of grade 316 stainless steel terminals and turnbuckles to fill the needs of various marine, architectural and lifeline applications.

hamiltonmarine.com

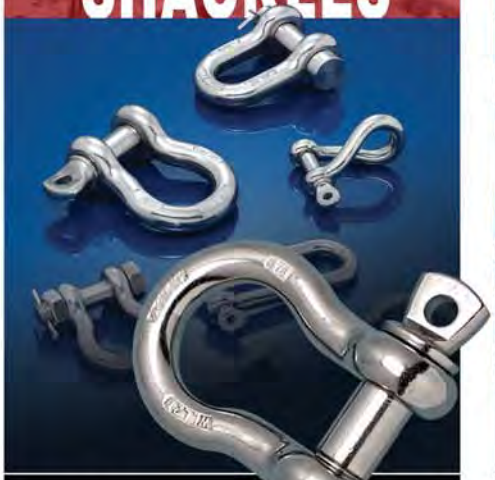
LIFELINE KITS

RIG A LIFELINE IN MINUTES!

Quick Attach™ Lifeline Kits are available with closed or open body turnbuckles. Each kit is offered with or without gate components and are provided with a choice between 1x19 wire or PVC coated 7x7 wire.

Swageless Lifeline Kits Page 105

SHACKLES

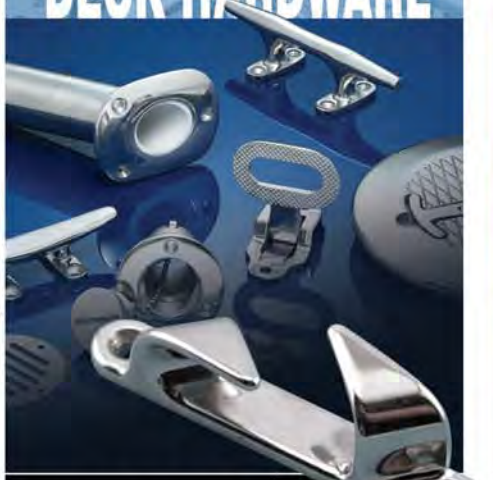


QUALITY

Suncor offers a variety of shackles that fit all of your marine needs. Shackles are made from marine grade stainless steel and sizes range from 5/32" to 1 ¼". Shackles are drop forged or precision cast and many are load rated.

Stainless Shackles Page 99

DECK HARDWARE

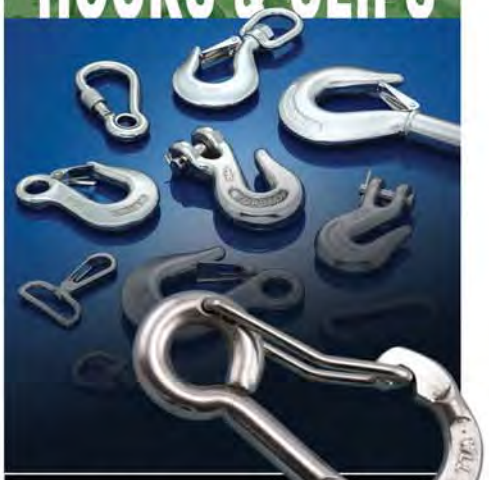


FOR THE DECK

Suncor provides many stainless steel components for boat decks. This hardware line includes: cleats, chocks, rod holders, antenna mounts, access hatches and more. All components are made from marine grade stainless steel.

Stainless Hardware Pgs 146-151

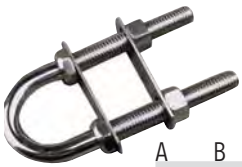
HOOKS & CLIPS



HOOKS

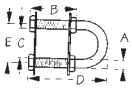
Suncor offers stainless steel hooks and clips in a variety of types and sizes to fit any marine application. Stainless hooks are forged, cast, wire formed, precision machined and many are load rated.

Hooks, Clips & Snaps Page 150



SEADOG LINE

Bow Eye
304 stainless steel U-Bolt with adjustable finished nuts.



A	B	C	D	E	Order#
3/8"	1-1/2"	1-1/16"	2-7/8"	1-7/16"	**142685**
3/8"	2-1/2"	1-1/16"	3-15/16"	1-7/16"	**142686**
1/2"	3-7/16"	1-3/8"	5-5/16"	1-7/8"	**143119**

Bow Eye
Plain Bronze. 3/8" dia, 1" eye dia. Includes nut and washer.

BUCK ALGONQUIN

Part#	Shaft Length	Thread Length	Order#
BKA-00BE300	3"	2-1/2"	**103374**
BKA-00BE400	4"	3-5/8"	**103375**
BKA-00BE600	6"	3-5/8"	**103376**

Shoulder Eyebolt
Suncor Stainless. Forged stainless steel. Includes nut and washer.

Size	Length	Order#
1/4"	2"	**130234**
3/8"	2-1/2"	**152966**
3/8"	4-1/2"	**130239**
1/2"	3-1/4"	**153391**
1/2"	6"	**130242**

Special Eyebolt
Suncor Stainless. 316 Stainless Steel. Includes nut and washer.

Size	Length	Order#
1/4"	2"	**130254**
5/16"	4"	**130255**
3/8"	5"	**130256**
1/2"	6"	**130257**
5/8"	6"	**138704**

SEADOG LINE

Twin Shank Bow Eye
Die cast chromed zinc head. Chromed steel shafts. 1-1/8" eye. 2 15/16" shank.
SD-079233-1 **Order# 143120**

SEADOG LINE

Deck Mount Bow Sockets
Chrome plated. Takes #8 fastener.
SD-327415-1 **Order# 143616**

SPARTAN

Deck Mount Bow Sockets
Bronze. Includes fasteners.
SPT-BOW **Order# 739870**

SUNCOR Stainless

Footman's Loop
316 Stainless steel

Length	Order#
1"	**153364**
2"	**153365**

SEADOG LINE

D Rings
Stainless steel

Part#	Metal thickness	Inside	Order#
SD-191830	3/16"	15/16" x 1-1/16"	**143928**
SD-191840	1/4"	1-15/16" x 1-1/2"	**143929**
SD-191841	1/4"	1-3/4" x 2"	**143930**

SEADOG LINE

Diamond Pad Eyes
Cast 316 Stainless steel. Takes four (4) flat head 1/4" fasteners.

Length	Width	Eye Dia. H x W	Order#
3-1/8"	2"	7/16" x 3/4"	**731928**
3-1/2"	2-3/16"	1/2" x 7/8"	**731929**
3-15/16"	2-3/8"	5/8" x 1"	**731930**

SEADOG LINE

Oblong Pad Eyes
Cast 316 Stainless steel. Takes two (2) flat head fasteners.

Length	Width	Eye Dia. H x W	Fastener	Order#
3"	7/8"	1/2" x 5/8"	1/4"	**731931**
3-1/2"	1-3/16"	5/8" x 13/16"	5/16"	**731932**
4"	1-3/8"	3/4" x 7/16"	5/16"	**731933**

SUNCOR Stainless

Oblong Pad Eyes
Stamped and welded construction, 304 stainless steel.

Length	Width	Eye Dia.	Order#
1-3/4"	5/8"	1/2"	**153401**
2-1/2"	3/4"	5/8"	**142460**

Stainless Steel Pad Eye
Solid cast 316 stainless steel. Mount with four 1/4-20 flat head machine screws. Polished finish. 3" square.
SCR-S3704-0000 **Order# 130315**

Stainless Steel Pad Eye
Solid cast 316 stainless steel. Mount with four flat head machine screws. Polished finish.

Length	Fastener	Pad Eye	Backing Plate
3-1/4"	1/4"	**130313**	**757151**
4"	5/16"	**130314**	**153399**

Stainless Steel Round Pad Eye
Stamped and welded construction, 304 stainless steel.

Size	Order#
1-5/16"	**142462**
2"	**142463**

SUNCOR Stainless

Folding Pad Eye
With "D" ring, grade 316 stainless steel.

SUNCOR Stainless

Part#	Size	Order#
SCR-S3711-0003	1/8" x 53/64"	**153404**
SCR-S3711-0007	1/4" x 2"	**753405**
SCR-S3711-0008	5/16" x 2-1/2"	**153406**

Stainless Steel Ring Pad
1/2" x 3". NAU-RP500 **Order# 170872**

SEADOG LINE

Polished Eye Straps

Type	Length	Strap Height	Holes	Fastener	Order#
Bronze	1-3/8"	5/16"	2	#10	**733488**
Bronze	1-9/16"	3/8"	2	#10	**733489**
Brass	1-1/2"	3/4"	4	#8	**731927**

Eye Straps 304 Stainless Steel

Size	Length	Eye Dia.	Order#
3/16"	2"	1/2"	**146895**
1/4"	2-3/8"	5/8"	**146897**
5/16"	2-9/16"	5/8"	**146898**

SCHAEFER MARINE

Stainless Steel Eye Strap
1-1/8" center to center, WLL: 400 lbs. eye width: 7/16", eye height: 3/8", length: 1-7/16", width: 5/16", Uses (2) #10 RH fasteners. **Order# 755686**

Stainless Steel Eye Straps
1-3/4" L x 3/4" eye. **Order# 143683**

Plastic Eye Strap 1-1/2" L x 1/4" eye

Color	Order#
Black	**124054**
White	**124055**

wichard

Wichard hardware is among the finest and safest in the world.
Every piece is forged in 316 stainless steel.

D Shackle, Captive Pin

Part#	Pin Dia.	WLL lbs	Order#
WHD-1402	3/16"	1056	**136555**
WHD-1403	1/4"	1496	**136556**
WHD-1404	5/16"	2200	**136557**
WHD-1405	13/32"	3344	**136558**

D Shackle, Captive Long Pin

Part#	Pin Dia.	WLL lbs	Order#
WHD-1411	5/32"	704	**136559**
WHD-1412	3/16"	1056	**136560**

Bow Shackle, Captive Pin

Part#	Pin Dia.	WLL lbs	Order#
WHD-1442	3/16"	1056	**136568**
WHD-1443	1/4"	1320	**136569**
WHD-1444	5/16"	2200	**136570**
WHD-1445	13/32"	3350	**136571**

Large Opening Shackle

Part#	Pin Dia.	WLL lbs	Order#
WHD-1262	3/16"	563	**136552**
WHD-1263	1/4"	704	**136553**

Long Shackles

Part#	Pin Dia.	WLL lbs	Order#
WHD-1213	1/4"	1320	**136544**
WHD-1214	5/16"	2200	**147828**

Key Pin Shackle

Part#	Pin Dia.	WLL lbs	Order#
WHD-1432	3/16"	880	**136565**
WHD-1433	1/4"	1144	**136566**

Halyard Key Pin Shackle

Part#	Pin Dia.	WLL lbs.	Order#
WHD-81432	3/16"	880	**136653**
WHD-81433	1/4"	1144	**136654**
WHD-81434	5/16"	1760	**136655**

Twisted Shackle, Standard Pin

Part#	Pin Dia.	WLL lbs	Order#
WHD-1223	1/4"	1320	**136546**
WHD-1224	5/16"	2200	**136547**

Twisted Shackle, Captive Pin

Part#	Pin Dia.	WLL lbs	Order#
WHD-1422	3/16"	1056	**136562**
WHD-1423	1/4"	1320	**136563**
WHD-1424	5/16"	2200	**136564**

Snap Shackle, Swivel Eye

Part#	Pin Dia.	WLL lbs	Order#
WHD-2473	2-3/4"	2112	**136583**
WHD-2475	3-1/2"	2816	**136585**

Snap Shackle, Large Bail

Part#	Pin Dia.	WLL lbs	Order#
WHD-2373	3-1/8"	2112	**136577**
WHD-2375	4-1/8"	2816	**136578** N

Snap Shackle, Clevis Pin

Part#	Pin Dia.	WLL lbs.	Order#
WHD-2474	1/4"	1760	**136584**

Snap Hooks

Part#	Length	WLL lbs	Order#
WHD-2480	2"	440	**136588**
WHD-2481	3"	1056	**136589**

Asymmetric Carbines

Part#	Length	WLL lbs	Order#
WHD-2325	3-1/4"	2112	**136575**
WHD-2326	4"	2904	**136576**
WHD-2328	6-11/16"	3174	**755282**

Swivel Shackle, Double Pin

Part#	Length	WLL lbs.	Order#
WHD-2462	2-3/8"	1584	**136579** N

New England Ropes

New!

Dyneema Soft Shackles

The New England Ropes soft shacke is light, strong, dependable, and useful for all sorts of applications where a stainless shackle would otherwise be employed. One end is a knot and the other end is a splice. Conservative tests show breaking strength greater than the line itself. Dyneema connectors are lighter, stronger than steel, and best of all, they are soft and kind to anything they attach to or bang into-including your head. Gray. NE-SS

Size	Order#
1/4" (6mm)	**761157**
3/8" (9mm)	**761158**
1/2" (12mm)	**761159**

316 Stainless Steel Sail Hardware

High quality 316 stainless shackles by Suncor Stainless. Please note that working load limit (WLL) stated are 25% of breaking loads and 50% of functional limits. Twist, "D", Bow and Snap shackles are precision cast. Chain and Anchor Shackles with oversized pins are drop forged 316 and show the WLL in the forging. All have high luster polish and carry a Limited Lifetime Warranty, yet are economically priced.

Twisted Shackle, Screw Pin

Size	WLL lbs.	Order#
5/32"	200	**130200**
3/16"	500	**130201**
1/4"	750	**130202**
5/16"	1000	**130203**
3/8"	1200	**130204**
1/2"	1500	**130205**

CAST

S0163

D Shackle, Screw Pin

Size	WLL lbs.	Order#
5/32"	200	**130128**
3/16"	500	**130129**
1/4"	750	**130130**
5/16"	1000	**130131**
3/8"	1200	**130243**
15/32"	1500	**130244**

CAST

S0115

D Shackle, Captive Pin

Size	WLL lbs.	Order#
5/32"	200	**130132**
3/16"	500	**130133**
1/4"	750	**130134**
5/16"	1000	**130135**
3/8"	1200	**130245**
1/2"	1500	**130137**

CAST

S0115-CP

Chain Shackle, Oversize Screw Pin

Size	Pin	WLL	Order#
1/4"	5/16"	1000	**147408**
5/16"	3/8"	1300	**130139**
3/8"	7/16"	1500	**130140**
7/16"	1/2"	2000	**130141**

FORGED

S0115-FS

Bow Shackle, Screw Pin

Size	WLL lbs.	Order#
5/32"	200	**130154**
3/16"	500	**130155**
1/4"	750	**130246**
5/16"	1000	**130247**
3/8"	1200	**130248**
15/32"	1500	**130156**
1/2"	2500	**130249**

CAST

S0116

Anchor Shackle, Oversize Screw Pin

Size	Pin	WLL lbs.	Order#
3/16"	1/4"	650	**153340**
1/4"	5/16"	1000	**130157**
5/16"	3/8"	1300	**130158**
3/8"	7/16"	1500	**130159**
7/16"	1/2"	2000	**130251**
1/2"	5/8"	3000	**130252**
5/8"	3/4"	4000	**130253**

FORGED

S0116-FS

Snap Shackle, Eye Swivel

Length	WLL lbs.	Order#
2-3/4"	1000	**130288**
3-1/2"	1500	**130289**
5"	2000	**130290**

CAST

S0157

D Shackle, Captive Pin, No Snag

Size	WLL lbs.	Order#
1/4"	750	**130142**
5/16"	1000	**130143**
3/8"	1200	**130144**
15/32"	1500	**130145**

CAST

S0115-NS

Halyard Pin Shackle

316 Stainless Steel

Size	WLL lbs	Order#
1/4"	750	**748860**
5/16"	1000	**748861**

S0164

CAST

Long D Shackle, Screw Pin

Size	WLL lbs.	Order#
5/32"	200	**130181**
3/16"	500	**130182**
1/4"	750	**130183**
5/16"	1000	**130184**
3/8"	1200	**130185**
1/2"	1500	**130280**

CAST

S0138

Long D Shackle, Captive Pin

Size	WLL lbs.	Order#
5/32"	200	**130186**
3/16"	500	**130187**
1/4"	750	**130188**
5/16"	1000	**130189**
3/8"	1200	**130190**
15/32"	1500	**130191**

CAST

S0138-CP

Chain Shackle, Oversize Round Pin

Size	WLL lbs.	Order#
1/4"	1000	**153332**
5/16"	1300	**153333**
3/8"	1500	**153334**

FORGED

S0115-RP

Bolt Chain Shackle, Oversize Round Pin

Size	WLL lbs.	Order#
5/16"	1300	**153336**
3/8"	1500	**153337**
7/16"	2000	**153338**
1/2"	3000	**153339**

FORGED

S0115-SA

Snap Shackle, Jaw Swivel

Size	WLL lbs.	Order#
2-3/4"	1000	**130293**
3-1/2"	1500	**130206**
5"	2000	**130207**

CAST

S0171

Snap Shackle, Fixed

Size	WLL lbs.	Order#
2"	1000	**130192**
2-5/8"	1500	**130291**
5"	2000	**130193**

CAST

S0158

Eye & Eye Swivel

316 Stainless Steel

Size	WLL	Order#
3/16"	300	**153351**
1/4"	600	**130269**
5/16"	1100	**148595**
3/8"	1540	**153352**
1/2"	2640	**147076**

CAST

S0128

Anchor Shackle, Round Pin

Size	WLL lbs.	Order#
1/4"	1000	**130163**
5/16"	1300	**130164**
3/8"	1500	**130165**

CAST

S0116-RP

Bow Shackle, No Snag

Size	WLL lbs.	Order#
1/4"	750	**130160**
5/16"	1000	**130161**
3/8"	1200	**130162**

FORGED

S0116-NS

Bolt Anchor Shackle, Oversize Screw Pin

Size	WLL lbs.	Order#
1/4"	1000	**153341**
5/16"	1300	**130168**
3/8"	1500	**130169**
7/16"	2000	**130170**
1/2"	3000	**153343**

CAST

S0116-SA

Spring Clip, Wire Lever

Size	Length	WLL lbs.	Order#
1/4"	2-3/8"	260	**130215**
5/16"	3-1/4"	650	**130216**
3/8"	4"	1000	**130217**
1/2"	5"	1500	**130218**

CAST

S0184

Spring Clip, Wire Lever

Size	Length	WLL lbs.	Order#
1/4"	2-3/8"	260	**130208**
5/16"	3-1/4"	750	**130209**
3/8"	4"	1200	**130210**
1/2"	5"	2000	**130211**

CAST

S0172

Snap Hook, Fixed Eye

Size	WLL lbs.	Order#
3/8"	100	**130294**
5/8"	200	**130212**
3/4"	250	**130213**
7/8"	300	**130214**

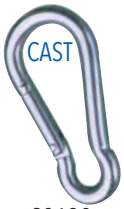
CAST

S0175

Spring Clip

Size	Length	WLL lbs.	Order#
3/16"	2"	120	**130171**
1/4"	2-3/8"	170	**130172**
9/32"	2-3/4"	200	**153346**
5/16"	3-1/8"	280	**130173**
3/8"	3-7/8"	400	**130174**
7/16"	4-5/8"	540	**139509**

CAST



S0120

Spring Clip with Eye

Size	Length	WLL lbs.	Order#
3/16"	2"	120	**130175**
1/4"	2-3/8"	150	**130176**
9/32"	2-3/4"	200	**153348**
5/16"	3-1/4"	280	**130177**
3/8"	3-7/8"	400	**130178**

CAST

S0121

HARKEN®

Cam Cleats

Model#	Description	Order#
150	1/8"-1/2" Line	**116725**
280	Offshore 1/4"-5/8" Line	**116798**
468	Micro 3/32"-1/4" Line	**732289**
365	Carbo 1/8"-3/8" Line	**116808**
471	Micro-Carbo 1/8"-1/4" Line	**732290**

Micro Blocks

7/8" (22 mm).
Max 1/4" Line.

Model#	Description	Order#
225	Single w/Becket	**116776**
233	Cheek	**116783**
234	Single w/Removable Shackle	**116784**
235	Single w/Shackle & Becket	**116785**
292	Single w/Swivel	**116800**

Carbo AirBlocks

1-1/8" (29 mm).
Max 5/16" Line.

Model#	Description	Order#
340	Single/swivel	**160031**
341	Single/swivel w/Becket	**160033**
342	Double/swivel	**160035**
343	Double/swivel w/Becket	**160039**
344	Triple/swivel	**160041**
345	Triple/swivel w/Becket	**160043**
348	Single/fixed	**160045**
349	Stand-Up/fixed	**160046**
350	Cheek	**160047**

Carbo AirBlocks

2-1/4" (57 mm).
Max 7/16" Line.

Model#	Description	Order#
2600	Single/Swivel	**147855**
2601	Single/Swivel w/Becket	**147856**
2606	Cheek	**160084**
2615	Single/Swivel w/Cam	**160091**
2602	Double/Swivel	**160080**
2603	Double/Swivel w/Becket	**160081**
2604	Triple/Swivel	**160082**
2605	Triple/Swivel w/Becket	**160083**

Carbo Fiddle Block

Sheave Dia: 2-1/4" (57 mm). Max 3/8" line.
HAR-2621 **Order# 160094**

w/Cam & Becket HAR-2624
Order# 160095

Carbo Ratchets

1-9/16" (40 mm).
Max 3/8" Line.

Model#	Description	Order#
2608	Single/Swivel	**160087**
2614	Cheek	**160090**

Carbo Ratchamatic

Single 2-1/4" (57 mm).
Max 3/8" Line. HAR-2625 **Order# 160096**

Bullet Blocks

1-1/8" (29 mm).
Max 5/16" Line.

Model#	Description	Order#
082	Single	**116695**
083	Single w/Becket	**116696**
084	Double	**116697**
085	Double w/Becket	**116698**
086	Triple	**116699**
088	Thru-Deck	**116700**
125	Single 38 mm (3/8" line)	**116709**
166	Single w/Swivel (5/16" line)	**116758**
168	Single w/Swivel 38 mm (3/8" line)	**116760**

Fiddle Block

2-1/4" sheave dia. (57 mm)
Max 3/8" Line w/Cam and Becket.
HAR-2676 **Order# 739921**

Airblock

5/8" (16 mm). Max 7/32" Line.
HAR-404 **Order# 147868**

X-Treme Angled Fairlead

Allows releasing and recleating at angles up to 90° to the cleat. 2-1/4" H, x 1-13/16" L x 2-9/16" W. Maximum 3/8" line.
HAR-375 **Order# 160066**

Midrange Blocks

Features robust construction making them ideal to handle the high loads found on medium and large offshore boats. Sheave runs exclusively on a ball bearing system for fast trim and release under any load. 3" sheave, max 9/16" line.

Model#	Description	Order#
1540	Single/Swivel	**143460**
1544	Double/Swivel	**116740**
1545	Double w/Becket	**116741**

Bull's Eye Fairlead

38 mm. 1-1/2" H x 1-1/4" W. Max 1" line.
HAR-237 **Order# 116786**

Aluminum Deck Organizer

Deck organizers lead halyards and control lines aft, allowing crew to sail from the security of the cockpit. Has three 1-1/2" sheaves. Maximum 3/8" line.
HAR-271 **Order# 740013**

Stanchion Mount Lead Block Kit

This kit's lightweight, UV-stabilized Carbo blocks run exclusively on ball bearings for fast trimming under any load. It provides a complete system for most boats. Max line 3/8".
HAR-7404 **Order# 761169**

wichard

Series 18

11/16" Sheave dia.
1/4" Max Rope Size

Model#	Description	Work Load	Break Load	Order#
1) 60113	Single, Fixed Eye	528	1100	**177568** N
2) 60114	Single, Fixed Eye & Becket	528	1100	**177513**
3) 60213	Double Block, Fixed	704	1540	**177402**

Series 25

1" Sheave dia.
5/16" Max Rope Size

Model#	Description	Work Load	Break Load	Order#
1) 61113	Single Fixed Eye	704	1320	**177514**
2) 61114	Single Fixed Eye w/Becket	704	1320	**177403**
3) 61213	Double Fixed Eye	880	1760	**730709** N

Series 35

1-3/8" Sheave dia.
5/16" Max Rope Size

Model#	Description	Work Load	Break Load	Order#
1) 62105	Single Swivel Eye	704	1980	**728994**
2) 62106	Swivel Eye w/ Becket	704	1980	**729150**
3) 62113	Single Fixed Eye	704	1980	**177515**
4) 62205	Dbl w/ Swivel Head	1056	1980	**729151** N

Series 45

1 3/4" Sheave dia. 3/8" Rope Size

Model#	Description	Work Load	Break Load	Order#
1) 63105	Single w/ Swivel Head	880	1980	**176874**
2) 63106	Single w/ Becket	880	1980	**728309**
3) 63205	Double w/ Swivel	1056	2200	**730712** N
4) 63206	Double w/ Becket	1056	2200	**730713**
5) 63405	Fiddle Block w/ Swivel Head	1232	2200	**728450**
6) 63408	Fiddle Block w/ Cam & Becket	792	2200	**177093**
7) 63438	Fiddle w/ Snap & Cam	792	2200	**730715**

Series 70

2-3/4" Sheave dia. 9/16" Rope Size
Single block w/swivel head style.

Model#	Type	Work Load	Break Load	Order#
65105	Plain Bearing	2645	5950	**177516**
75105	Ball Bearing	2645	5950	**176875**

wichard

Eye Straps

Part#	Size	Order#
WHD-9202	3/16" Dia. x 1-7/16" L	**136660**
WHD-9203	1/4" Dia. x 1-23/32" L	**136661**
WHD-9204	5/16" Dia. x 2-5/16" L	**136662**

Series Stainless Steel

Model#	Description	Sheave Dia.	Max Rope Size	Work Load	Break Load	Order#
1) 30024	Single w/ Shackle	15/16"	1/4"	440	1100	**136594** N
3) 30025	Stanchion Block	1"	3/8"	616	880	**136595**
4) 30425	Swivel Shackle	1"	3/8"	440	660	**136606**

LEWMAR®

Mainsheet Systems

Mainsheet system kits are made up of all the necessary components to assemble a standard system. Each one comes with Lewmar's sliding bolt track, which allows you to retrofit the new track to your deck using the original bolt holes.

Part#	Size	Order#
LEW-29060152	0	**761172**
LEW-29461354BK	1	**761170**
LEW-29462354BK	2	**761171**

SCHAEFER MARINE

Since 1966, Schaefer Marine has stood at the forefront of marine hardware design and construction, offering rugged, durable gear engineered to perform no matter how demanding the conditions.

Cam Cleat
Max 7/16" line. SCH-70-29 **Order# 129944**

Cam Cleat with Wire Fairlead
Max 7/16" line. SCH-70-28
Order# 129943

Cam Cleat on Swivel Base
Max 3/8" line. SCH-70-61
Order# 129952

Pulpit Fairlead Block
1.44" sheave. Max 7/16" line.
SCH-300-35 **Order# 129850**

Eye Slide
1" Eye for 1-1/4" Track
Order# 143348

Strap Tang
304 Stainless Steel. 3/4" x 3".
SCH-85-23 **Order# 130057**

2-SERIES

02-50

1-1/16" Sheave, Max Line 5/16"
SWL 900lbs, S/S Cheeks

Part#	Description	Order#
SCH-02-50	Block/Halyard Lift	**149830**
SCH-30-04	Block/Cheek/Curved Base	**129830**

3-SERIES

1-7/16" Sheave, Max Line 7/16"
SWL 1000lbs, S/S Cheeks

03-15

Part#	Description	Order#
SCH-03-15	Block/Single/Swivel/Shackle	**129795**
SCH-03-30	Block/Cheek/Curved Base	**129796**

5-SERIES

2" Sheave, Max Line 1/2"
SWL 1750lbs, Alum. Cheeks

504-05

504-11

504-15

Part#	Description	Order#
SCH-504-05	Block/Single/Swivel	**129905**
SCH-504-11	Cheek Block Flat Base	**129907**
SCH-504-15	Single/Swivel w/Becket	**129908**

Clamp on Furling Block
Ball Bearing Sheave lowers friction. Fits 1" Tubing.
1-7/16" Sheave Diameter, Maximum 1/2" line size. Safe Working Load: 1000 lbs. SCH-300-34
Order# 129849

Plastream Fiberglass Sail Battens

Part#	Size	Order#
REC-00106	5/8" x 24"	**128117**
REC-00108	5/8" x 30"	**128118**
REC-00114	1" x 18"	**128121**
REC-00116	1" x 24"	**128122**
REC-00118	1" x 30"	**128123**
REC-00119	1" x 36"	**128124**
REC-00120	1" x 40"	**128125**
REC-00126	1-3/8" x 24"	**128126**
REC-00128	1-3/8" x 30"	**128127**
REC-00130	1-3/8" x 40"	**128128**
REC-00148	2" x 30"	**128130**
REC-00149	2" x 36"	**128131**
REC-00150	2" x 40"	**128132**

Swedish Forged Brass Piston Hanks
Marine quality brass and fitted with a stainless steel spring. Designed for use over forestay systems for storm jibs, not for large genoas.

Part#	Size	Length	Max Forestay	Order#
AQB-B510	0	1-3/4"	5/16"	**101727**
AQB-B511	1	2"	3/8"	**101728**
AQB-B513	3	2-7/8"	5/8"	**101730** N

Folding Mast Step

SEADOG LINE

Polished, clear anodized cast #356 T-6 Aluminum. When not in use, step extends only 1.5" from mast. Step has 5" tread width. Comes with a nylon adjusting screw to eliminate rattle when closed. Requires 1/4" FH fasteners.
SD-328030-1 **Order# 731967**

HARKEN

Deluxe Bosun's Chair
Heavy-duty 1680D ballistic-nylon canvas chair features a wide plywood seat with 1" thick foam padding. Adjustable back support, wide-mouth pockets, and a D-ring on each side to attach heavy tools. Total weight must not exceed 220 lbs.
HAR-2234 **Order# 765267 SELL 179.99**

Standard Bosun's Chair

PLASTIMO

High-strength, abrasion-resistant polyester chair. Crotch strap and adjustable back strap for a secure feeling. Two storage pockets for tools. Red. 15" x 17". Safe working load: 1540 lbs. PTO-11702
Order# 157909 SELL 162.99

Professional Bosun's Chair

PLASTIMO

Wider seat and webbing, plus reinforced seams and heavier fabric. Adjustable back and crotch straps. Pocket and elasticized band for small tools. A second, roomier pocket is detachable for shuttling equipment up and down. Blue. 16.4" x 8.6". Safe working load: 1540 lbs.
PTO-12748 **Order# 157911** N
SELL 384.99

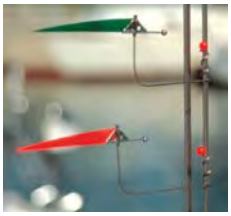
DAVIS

Tell Tails Air Flow Tels

Lightweight, ripstop nylon Air-Flow Tels attach to sails with waterproof adhesive locator discs. No holes required. Tels show the air flow across the sails allowing you to trim sails for maximum performance. Each kit includes 14 Tels and full instructions on where to apply them and how to read them.
DAV-950 **Order# 107339**

DAVIS

Wind Tells



Port and starboard colored tails mount on any shroud sizes up to 3/8". The unique method of attachment prevents sliding or fouling on the shrouds. Effective at any angle of heel in the lightest winds. Stainless steel and marine grade metal parts. 2/pkg.
DAV-1260 **Order# 107256**

FORESPAR®

Small Telescoping Whisker Poles (Twist Lock)

Telescoping models can be adjusted to any desired length and securely locked in position with an effortless twist of the inner tube. Poles include strong corrosion-free Lexan end fittings and a mast pad eye with stainless steel screws.

A.

B.

	Order#	Description
A.	**160559**	Telescopes from 53" to 93". 1" outer diameter
A.	**149825**	Telescopes from 72" to 134". 1-1/8" outer diameter
B.	**152870**	4'-8' w/ Latch fittings on both ends. 1" outer diameter
B.	**114652**	6'-12' w/ Latch fittings on both ends
	114650	Replacement pad eye only

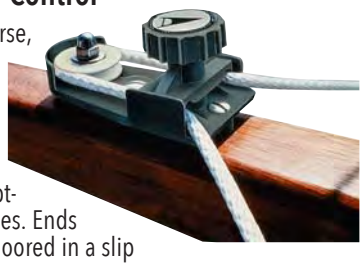
Quick Release Twist-Lock Tiller Extensions

This model can be instantly fastened to the tiller by simply depressing the plunger and inserting the detent pin into the special tubular fitting supplied. Stow it or take it home with you. It's fast, simple and secure.

Part#	Model #	Telescopes	Order#
FOR-104016	TFP-S	19" - 32"	**114625**
FOR-104017	TFP-M	27" - 48"	**114626**

tiller-tamer™

An Efficient Aid to Sailboat Tiller Control



Davis Tiller Tamer maintains cruising course, no hands in any weather or wind conditions. Retains full cockpit space, no loss of seating. Provides smooth adjustable tension from fully locked to fully loose. Gives improved control and feel to the tiller handle. Equally adaptable to outboard and inboard tiller handles. Ends the need to lash the tiller when boat is moored in a slip or on the trailer.
DAV-2205 **Order# 107274**

Uses two clam cleats (not included)
SD-002010 **Order# 130337**

DAVIS

Spar-Fly

Combines needle bearing balance, high impact plastic and marine grade metals for unsurpassed sensitivity and durability. Spoiler holes in the vane reduce lift and increase accuracy. Unaffected by angle of heel.
DAV-1310 **Order# 107262**

Extra Vane DAV-1311 **Order# 107263**

DAVIS

Windex Wind Indicators

A precision instrument especially designed for absolute minimum friction with needle bearing suspension and quick, accurate wind information. Great visual aid for use in sail set and tactics on all points of sail.

Model	Part#	Order#
Sport 10"	DAV-3120	**142406**
Windex 15"	DAV-3150	**107296**

DAVIS

Windex® Light for Windex 10 & 15

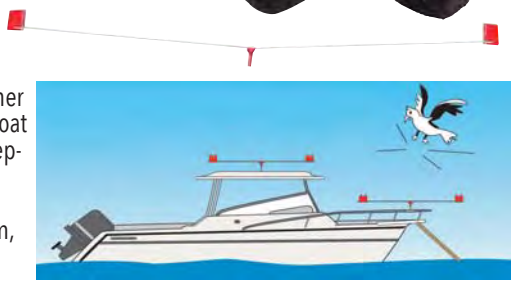
Light up the reflector tabs & vane on your Windex for easy viewing at night. Waterproof & non-corroding silver parts give long-life at just 120ma current draw.
DAV-3200 **Order# 107299**

Owl Decoy

Lifelike great horned owl decoy provides effective pest control. Accepts pole mount. Approximately 17" tall. Vinyl.

Description	Order#
Fixed Head	**127651**
Bobble Head	**735082**

Gullsweep Bird Deterrent

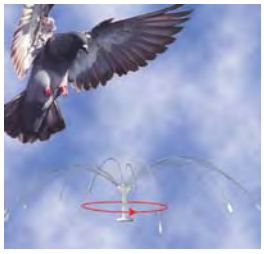


Keeps gulls and other sea birds off your boat by continually sweeping the area where birds land. Durable anodized aluminum, stainless steel and plastic. Very resistant to salt water. Easily mounted on hard top. Rotates in the slightest breeze and covers a 6 ft span. Folds for easy storage. Optional soft top and rail mount available.
GUL-1000 **Order# 116614**

Accessories

Description	Order#
Replacement Vanes (2)	**164365**
Flexmount, Non-permanent	**729084**
Rail mount, Fits 5/8" to 1-5/8" rail	**172023**

Bird "B" Gone Spider



4 ft 316 stainless steel "arms" move with the breeze deterring birds from landing. 360° rotation. BBG-MMBS400SPN
Order# 755575

Sandbag Base
Order# 741594

FORESPAR

Marelon® Winch

Exceptionally strong and lightweight, easily handles up to 200 square feet of sail. Weighs .86 lbs. Uses four 1/4" fasteners (not included). Height: 3-3/8", Base diameter: 3-5/8", Top diameter: 3-1/4", Drum diameter 2-7/16".
FOR-960003 **Order# 160562**

LEWMAR

EVO Self Tailing Winches

The EVO winch has been developed based on years of knowledge and understanding of what boat builders and sailors want. No compromises have been made in terms of quality or integrity of design. Available in a black alloy or a chromed bronze finish.

- User friendly direction arrows
- Easy servicing
- Convertible to electric
- 7 year warranty

Model#	Finish	Speed	Gear Ratio	Base Dia.	Order
15ST	Black Alloy	1	2:1	4 3/4"	**753267** N
15ST	Chrome Bronze	1	2:1	4 3/4"	**740080** N
40ST	Chrome Bronze	2	1.9:1	5 13/16"	**744695** N

LEWMAR

Winch Handles

Winch Size	Description	Order#
8"	Aluminum	**121238**
10"	Aluminum	**121239**
10"	Chrome Bronze	**121240**

Winch Grease
3.5 oz. tube **Order# 121208**

LEWMAR

OneTouch Locking Winch Handle

Allows you to squeeze the release lever (which runs the entire length of the handle) and pull to unlock in one quick, easy motion. To lock-in, simply squeeze and insert into winch. Only takes one hand.

Part#	Winch Size	Order#
LEW-29140040	8"	**736355**

LEWMAR

Primary Series Locking Winch Handles

Carefully designed for the day sailor with simple but effective features to keep costs down. Manufactured from high grade injection molded glass nylon. The handle is made in two sections then ultrasonically welded creating a box section designed for strength and stiffness.

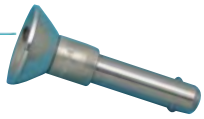
Part#	Size	Order#
LEW-29145301	8"	**134629**
LEW-29145311	10"	**134622**

Winch Handle Bag

Gray ripstop fabric. 4.3" x 11" x 2.8"
GUS-BP435 **Order# 166658**

SUNCOR Stainless

Quick Lock Pins



316 Stainless Steel
SCR-S0375-

Size	WLL (lbs)	Order#
3/16" x 1/2"	2575	**173199**
3/16" x 3/4"	2575	**173200**
3/16" x 1"	2575	**173201**
3/16" x 1-1/2"	2575	**173202**
3/16" x 2"	2575	**173203**
1/4" x 1/2"	4600	**173204**
1/4" x 1"	4600	**173205**
1/4" x 1-1/2"	4600	**173206**
1/4" x 2"	4600	**173207**
5/16" x 3/4"	7200	**173208**
5/16" x 1"	7200	**173209**
5/16" x 1-1/2"	7200	**173210**
5/16" x 2"	7200	**173211**
5/16" x 2-1/2"	7200	**173212**
3/8" x 1"	10,300	**173213**
3/8" x 1-1/2"	10,300	**173214**
3/8" x 2"	10,300	**173215**
3/8" x 2-1/2"	10,300	**173216**

Stainless Steel Cotter Pins

Size	Qty	Order#
1/16" x 1/2"	24	**129244**
1/16" x 3/4"	18	**129245**
1/16" x 1"	18	**129246**
1/16" x 1-1/2"	10	**129247**
3/32" x 5/8"	10	**129249**
3/32" x 3/4"	10	**129250**
3/32" x 1"	8	**129251**
3/32" x 1-1/2"	6	**129252**
3/32" x 2"	3	**129253**
1/8" x 3/4"	7	**129254**
1/8" x 1"	6	**129255**
1/8" x 1-1/4"	4	**129256**
1/8" x 1-1/2"	4	**129257**
1/8" x 1-3/4"	4	**129258**
1/8" x 2"	3	**129259**
1/8" x 2-1/2"	3	**129260**
5/32" x 1-1/2"	3	**129261**
5/32" x 2"	3	**129262**
5/32" x 2-1/2"	2	**129263**

Beckson

Soft•Mate Winch Handle Holder

Safety-Soft , Flexible P.V.C. equipment holders designed to hold a variety of gear in convenient sizes for boat, RV, or home. Designed not to hurt you or your equipment. Mounting screws included.

Size	Order#
8-1/2"H x 3"W x 2"Dia	**103004**
11"H x 3-1/2"W x 2-1/8"Dia	**103005**

SUNCOR Stainless

Quick Release Pins

316 Stainless Steel
SCR-S0370-

Size	WLL (lbs)	Order#
3/16" x 1/2"	2,575	**153189**
3/16" x 1"	2,575	**153190**
3/16" x 1-1/2"	2,575	**153191**
3/16" x 2"	2,575	**153192**
1/4" x 1/2"	4,600	**153193**
1/4" x 1"	4,600	**153194**
1/4" x 1-1/2"	4,600	**153195**
1/4" x 2"	4,600	**153196**
5/16" x 1"	7,200	**153197**
5/16" x 1-1/2"	7,200	**153198**
5/16" x 2"	7,200	**153199**
3/8" x 1"	10,300	**153200**
3/8" x 1-1/2"	10,300	**153202**
3/8" x 2"	10,300	**153203**
3/8" x 2-1/2"	10,300	**153204**

Stainless Steel Clevis Pins

Dia.	Usable Length	Qty	Order#
3/16"	13/32"	2	**129285**
3/16"	1/2"	2	**129286**
3/16"	3/4"	2	**129265**
3/16"	55/64"	2	**129266**
3/16"	1-1/16"	2	**129267**
1/4"	7/16"	2	**738856**
1/4"	3/4"	2	**129268**
1/4"	55/64"	2	**129270**
1/4"	1"	2	**129295**
1/4"	1-7/64"	2	**129272**
5/16"	11/16"	2	**759129**
5/16"	3/4"	1	**129273**
5/16"	1"	1	**129274**
5/16"	1-1/4"	1	**129275**
5/16"	1-1/2"	1	**129276**
5/16"	1-25/32"	1	**129277**
3/8"	13/16"	2	**120701**
3/8"	49/64"	1	**129304**
3/8"	1-1/64"	1	**736108**
3/8"	1-5/8"	1	**120702**
3/8"	1-1/2"	1	**129279**
3/8"	2"	1	**129280**
7/16"	3/4"	1	**738857**
7/16"	13/16"	1	**129306**
1/2"	3/4"	1	**738858**
1/2"	1-1/64"	1	**129281**
1/2"	13/64"	1	**168422**
1/2"	1-17/64"	1	**129282**
1/2"	1-3/4"	1	**129283**
5/8"	1-3/32"	1	**738859**
5/8"	1-17/64"	1	**738860**

Stainless Steel Cotter Rings

Fits Pin	Qty	Order#
3/16"	10	**129319**
1/4"	6	**129320**
5/16"	4	**129321**
3/8"	4	**129322**
1/2"	4	**736585**

Lifeline Kit with Gate

Do-it-Yourself installation. 316 stainless steel. Kit includes one QuickAttach™ pelican hook, one QuickAttach™ gate eye, one QuickAttach™ joined gate eye and two QuickAttach™ closed body turnbuckles with toggles. Wire rope sold separately (below).
SCR-C0747-LK1X
Order# 755359

Lifeline Cable Only

40', white coated. 3/16" wire/ 5/16" O.D. PVC coating.
SCR-S0708-508C **Order# 755363**

Lifeline Cushions

Inner cushion provides a comfortable, yet sturdy backrest. Simply thread your lifeline through the center of these polyester-covered foam cushions. Will not discolor, fade or rot in the sun, and cleans easily with liquid soap. Length: 4.5' 2 per package. PMP-LC15045
Order # 154454

Pulpit Anchor

Anchor any lifeline fitting. Fits 1" diameter rails and stanchions.
JON-29-501 **Order# 120641**

Stainless Steel Open Body Turnbuckle Jaw & Jaw

High quality polished 316 stainless turnbuckles by Suncor Stainless featuring precision cast bodies with formed and welded jaws. Limited lifetime warranty.

Size	WLL	Length Cls.	Adjustment	Jaw Width	Order#
3/16"	330 lbs	4-3/4"	2-1/2"	1/4"	**147436**
1/4"	440 lbs	6"	4"	5/16"	**147437**
5/16"	840 lbs	7-1/4"	4"	3/8"	**130231**
3/8"	1260 lbs	10-1/4"	6"	7/16"	**130232**
1/2"	2000 lbs	11"	6"	1/2"	**130233**

Stainless Steel Closed Body Turnbuckle Jaw & Jaw Toggle

High quality polished 316 stainless turnbuckles by Suncor Stainless featuring machined bodies with precision formed toggles. Limited lifetime warranty.

Size	WLL	Length Cls.	Adjustment	Jaw Width	Order#
1/4"	440 lbs	6-1/2"	3-3/4"	5/16"	**130227**
5/16"	840 lbs	8"	4-1/8"	7/16"	**130228**
3/8"	1200 lbs	9-1/2"	4-3/4"	1/2"	**130230**
1/2"	2200 lbs	10-1/2"	5-3/4""	1/2"	**139626**

Stainless Steel Barrel Body Jaw & Jaw Turnbuckle

Size	WLL	Length Closed	Adjustment	Jaw Width	Order#
3/16"	300 lbs.	5"	3.16"	.25"	**130226**
5/16"	800 lbs.	6-1/2"	4.20"	.37"	**151692**

Stainless Steel Jaw & Jaw Tubular Turnbuckle

Premium stainless steel turnbuckles. 316 body, 18-8 studs for strength. Naval bronze toggle nuts (except on the 110 series, which uses stainless t-toggle construction.)

Pin Size	Max Wire	WLL	Closed	Open	Weight	Order#
3/16"	3/32"	400 lbs	6-3/8"	8-7/8"	2.5 oz	**120610***
1/4"	5/32"	1000 lbs	8"	11"	5 oz	**120612**
5/16"	3/16"	1600 lbs	9"	12-3/4"	5 oz	**147439***
3/8"	1/4"	2800 lbs	9-1/2"	13-3/4"	14 oz	**120617***

*Jaw with t-toggle construction. Others have bronze toggle nuts to prevent galling under high loads.

hamiltonmarine.com

Lifeline Stanchions

316 Stainless steel, 1" diameter. Includes a stainless bullet cap in the stanchion assembly.

Part#	Height	Order#
SCR-S3609-2425	24"	**743101**
SCR-S3609-3025	30"	**743102**

Stanchion Brace

316 stainless steel with adjustable slide. Used to reinforce 30" stanchions next to lifeline gates.
SCR-S3610-0750 **Order# 750696**

Stanchion Base

3°. 1" opening. 316 stainless steel.
SCR-S3610-0000 **Order# 130311**

Cable Covers

Protect sails and sheets from chafe. Keeps sails clean and prevents wear. Covers are split for quick "snap-on". Tough, durable plastic with more ultraviolet absorber than other brands, lasts longer!

Part#	Size	Order#
DAV-252	1/8" x 6'	**156098**
DAV-253	5/32" x 6'	**107284**
DAV-254	3/16" x 6'	**107285**
DAV-255	1/4" x 6'	**107286**
DAV-256	5/16" x 6'	**107287**
DAV-257	3/8" x 6'	**107288**

Universal Mast Boots

Made of extremely flexible UV resistant vinyl. Molded in small steps so top and bottom can be cut at the level that provides a snug fit to the mast and the deck collar. Adhesive included.

Part#	Mast Size	Order#
SSI-91000000	17.5"+	**165349**
SSI-91200000	23"+	**165350**
SSI-91400000	30"+	**165351**

Spreader Boots

Soft, tough white synthetic rubber. Protects rigging connections and eliminates excess taping. Reduces drag, is resistant to weather, sea and temperature extremes, and reduces sail chafing and tearing. It is molded in split form to fit over the stay and spreader end. Sold per pair.

Part#	Fits	Order#
TAY-960025	1/2"-1"	**134188**
TAY-960026	1"-2"	**134187**
TAY-960027	2"-3"	**134186**

Spreader Boots

Foam inner cushion provides extra protection. Sold in pairs. Protect sails from chafing or tearing on spreaders. Delrin buckle system makes installation quick, simple and secure.

Spreader Size	Boat Size	Order#
1"	<25'	**163158**
1.5"	25'-35'	**163161**
2.5"	>35'	**163162**

Hand Swage

Johnson Marine offers a complete line of life line fittings; turnbuckles, pelican hooks, gate eyes, toggle jaws, stanchion terminals, life line studs and much more. All Johnson products are made in the USA.

Snap Gate Hook "Over Center"

Single, Swivel Gate Eye

Tubular Turnbuckle

Life Line Terminal

Stanchion Terminal

Description	Wire Size	Order#
Snap gate hook "over center"	1/8"	753295
Snap gate hook "over center"	3/16"	149871
Tubular gate hook	1/8"	120631
Tubular gate hook	3/16"	120634
Swivel, single gate eye	1/8"	732124
Swivel, single gate eye	3/16"	753296
Swivel, interlocking gate eye	3/16"	753298
Life line terminal, 1/4-28 RH x 3/8 Thread	3/16"	753300
Life line terminal, 1/4-28 RH x 2-1/2 Thread	3/16"	120649 N
Life line terminal, 5/16-24 LH x 2	3/16"	120648
Toggle Jaw, T-style with 1/4" pin	1/8"	753301
Toggle Jaw, T-style with 1/4" pin	3/16"	753302
Threaded, single gate eye	3/16"	120636
Adjuster, short with 1/4" pin	1/8"	753303 N
Threaded interlocking gate eye	1/8"	155668 N
Threaded interlocking gate eye	3/16"	120637 N
Tubular turnbuckle, jaw to hand crimp w/ 1/4" pin	1/8"	753304 N
Tubular turnbuckle, jaw to hand crimp w/ 1/4" pin	3/16"	120638
Open body turnbuckle with 1/4" pin	1/8"	753305 N
Open body turnbuckle with 1/4" pin	3/16"	753306
Tubular turnbuckle, eye to hand crimp, check nut locking	1/8"	753307 N
Tubular turnbuckle, eye to hand crimp, check nut locking	3/16"	753308
Stud to stud turnbuckle, 1/4" thread	1/8"	753309 N
Stud to stud turnbuckle, 1/4" thread	3/16"	753310 N
Stanchion terminal	1/8"	753311 N
Crimping Tool, bolt type		120695
Crimping Tool, lever type		144287 N

Pelican Hook Repair Kits

Snap Gate Hook Repair Kit for lost or worn latching mechanisms. Fits all Johnson Snap Gate Pelican Hooks.

Size	Order#
Large	757753
Small	757752

Hitch Pins

Stainless steel. **pack**

Part#	Size	Order#	Qty/Pack
HDY-500031	1/4" x 1-3/16"	129311	3
HDY-500041	3/8" x 1-9/16"	129312	2
HDY-500051	1/4" x 1-5/8"	129313	2
HDY-500061	1/4" x 2-5/16"	129314	2

Quick Release Pins

Stainless steel.

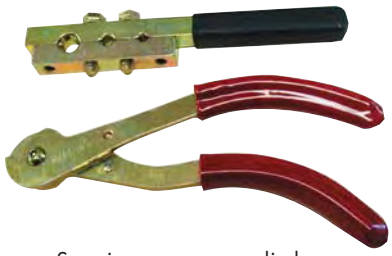
Part#	Size	Order#
SD-193410	1/4" x 1"	146858
SD-193415	1/4" x 1-1/2"	146860
SD-193420	1/4" x 2"	146861
SD-193425	1/4" x 2-1/2"	146862

Multipurpose Lanyard

Attaches to many of Suncor's quality stainless steel products. SCR-S0157-T000
Order# 748901

"SWAGE-IT" TOOLS

Do Your Own Rigging and Emergency Repairs (For Nicropress Oval Sleeves Only)



No. 1/16N "Swage-It"
For 1/16" oval and stop sleeves. Swaging pressure applied with one hand. 3 presses per oval sleeve.
SFT-1/16N **Order# 130583**

No. 2 "Swage-It"
For 1/16", 3/32", 1/8". Pressure applied by using wrench to tighten bolts. 1/2" x 1" x 7".
SFT-SWAGEIT2 **Order# 130587**

No. 3 "Swage-It"
1/8", 5/32", 3/16", 1/4". Pressure applied by using wrench. Size 3/4" x 1 1/2" x 14".
SFT-SWAGEIT3 **Order# 130588**

No. 316 Cable Cutter
For 3/16" cable max. 8" L.
SFT-316 **Order# 130585**

"Swage-It" Rigging Kit
No. 2 "Swage-It" tool. 1/2" wrench. 316 cable cutter. Vinyl case with compartments for tools and sleeves.
SFT-RK **Order# 130586**

Sail RIPair® Tape

The ideal and easy to use product for emergency repair of ripped sails, especially spinnakers. 2" x 25' roll.

Color	Order#
White	101776
Black	101764
Dk. Blue	101766
Green	101768
Red	101774

Rigging Tape

Very strong and pliable. Will not become brittle or hard. 3/4" x 66' roll. White.
DUC-300877
Order# 733259

Rubbaweld Rigging Tape and Mast Boot Tape

Self-amalgamating tape for covering any sharp objects that might harm sails, lines, or people. Can be used on hot objects for emergency repair of radiator hoses, etc.

Description	Order#
1" x 15' White Rigging Tape	166577
1" x 15' Black Rigging Tape	166578
4" x 10' White Mast Boot	166580

X-Treme Tape® Marine

Great for rigging! It can also choke a leak on a radiator hose, insulate and waterproof electrical wiring and whip ends of ropes. No adhesive required; bonds only to itself, forms a permanent air and water tight seal, prevents corrosion, stretches to 3X its length, conforms to irregular shapes, tensile strength of 600 psi, insulates to 8000Volts (for a 20 mil wrap), won't melt up to +500°F, remains flexible to -60°F, 1" W x 20 mil thick x 10' L.

Part#	Color	Order#
HM-ETW	White	169208
HM-ETB	Black	169207

Felco Wire Cutters

Model#	Cuts Up To:	Length	Order#
7	3/16"	8"	**121525**
9	1/4"	13"	**121526**

Wire Swager

Heavy construction, multi-compression 11 function tool. Swages 1/16", 3/32", 1/8", 5/32", 3/16" oval and stop sleeves and 7/32" stop sleeves. 26" long, weight 15 pounds. Made in USA.
LOS-NO.1-SC **Order# 121552**

Marlinspikes

Made of high grade carbon steel, carefully hardened and tempered. Fully polished.

Part#	Size	Order#
MS-8	8"	**124001**
MS-10	10"	**123995**
MS-12	12"	**123996**
MS-14	14"	**123997**
MS-16	16"	**123998**
MS-18	18"	**123999**

Nylon Thimbles

With rope holder.

Part#	Size	Order#
HMT-SRT038N	3/8"	**174845**
HMT-SRT050N	1/2"	**174846**
HMT-SRT063N	5/8"	**174843**

316 STAINLESS STEEL THIMBLES

Heavy Duty

Size	Order#
3/8"	**753483**
1/2"	**747945**
5/8"	**747946**
3/4"	**747947**
7/8"	**747948**
1"	**740512**

Regular Duty

Part#	Size	Order#
LOS-EY18-04	1/8"	**121534**
LOS-EY18-05	5/32"	**121535**
LOS-EY18-06	3/16"-7/32"	**121536**
LOS-EY18-08	1/4"	**121537**
LOS-EY18-10	5/16"	**121539**
LOS-EY18-12	3/8"	**121540**
LOS-EY18-16	1/2"	**121541**

Light Duty

Part#	Size	Order#
LOS-AN100-C03	3/64"-3/32"	**121519**
LOS-AN100-C04	3/32"-1/8"	**121520**
LOS-AN100-C05	5/32"	**121521**
LOS-AN100-C06	3/16"	**121522**
LOS-AN100-C08	7/32"-1/4"	**121523**
LOS-AN100-C12	3/8"	**121524**

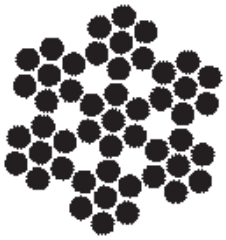
STAINLESS STEEL WIRE

1 x 19 Stainless steel preformed aircraft cable.
Designed primarily for standing rigging on boats, bracing and other non-flexible requirements. May be used with nicropress fittings and swage type terminals.

Size	Breaking Strength	Order#
1/16"	500 lbs	**121558**
3/32"	1,200 lbs	**121560**
1/8"	2,100 lbs	**121565**
5/32"	3,000 lbs	**121570**
3/16"	4,700 lbs	**121573**
1/4"	8,200 lbs	**121580**
5/16"	12,500 lbs	**121584**
3/8"	17,500 lbs	**121586**

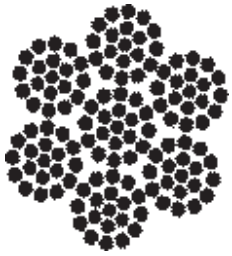
7 x 7 Stainless steel wire with white vinyl coating.
This wire is ideally suited for use as lifelines.

I.D.	O.D.	Breaking Strength	Order#
3/32"	1/8"	920 lbs	**121561**
1/8"	7/32"	1,700 lbs	**121566**
1/8"	1/4"	1,700 lbs	**121567**
3/16"	5/16"	3,700 lbs	**121575**



7 x 19 Stainless steel preformed aircraft cable.
Practical for halyards, sheets, steering cables and mooring pennants. The wire core prevents crushing as wire goes over a sheave adding to the life of the wire.

Size	Breaking Strength	Order#
1/16"	480 lbs	**121559**
3/32"	920 lbs	**121564**
1/8"	1,760 lbs	**121569**
5/32"	2,400 lbs	**121572**
3/16"	3,700 lbs	**121577**
7/32"	5,000 lbs	**121579**
1/4"	6,400 lbs	**121581**
5/16"	9,000 lbs	**121585**
3/8"	12,000 lbs	**121587**



Copper Stop Sleeves

Part#	Size	Order#
LOS-ST2-02	1/16"	**121615**
LOS-ST2-03	3/32"	**121616**
LOS-ST2-04	1/8"	**121617**
LOS-ST2-05	5/32"	**121618**
LOS-ST2-06	3/16"	**121619**
LOS-ST2-08	1/4"	**121621**

Oval Sleeves (Nickel Plated Copper)

Part#	Size	Order#
LOS-SL2-01.5N	3/64"	**121591**
LOS-SL2-02N	1/16"	**121594**
LOS-SL2-03N	3/32"	**121595**
LOS-SL2-04N	1/8"	**121596**
LOS-SL2-05N	5/32"	**121597**
LOS-SL2-06N	3/16"	**121598**
LOS-SL2-07N	7/32"	**121599**
LOS-SL2-08N	1/4"	**121600**
LOS-SL2-10N	5/16"	**121601**
LOS-SL2-12N	3/8"	**121602**

Electric Cutting Gun

Cuts and seals the ends of synthetic ropes in one fast movement. 100 watt. Runs on 120 volts AC. PUR-15463
Order# 127675

Heavy Duty Electric Cutting Gun

120 watt. 120v AC. 1.5 Amps.
PUR-15463HD **Order# 735613**

Cutting Blade for both versions
Order# 127676

Single Fast Eye Block

Part#	Type	Shell Length	Rope	Order#
PER-3-1-G	Galv	1-3/8"	3/16"	**126235**
PER-3-3-G	Galv	1-3/4"	1/4"	**126241**
PER-3-5-G	Galv	2-1/8"	5/16"	**126243**
PER-3-7-G	Galv	2-3/8"	3/8"	**126245**
PER-3-9-G	Galv	2-3/4"	7/16"	**126247**
PER-3-13-G	Galv	3-3/4"	5/8"	**126238**
PER-3-3-B	Bronze	1-3/4"	1/4"	**126240**
PER-3-5-B	Bronze	2-1/8"	5/16"	**126242**
PER-3-7-B	Bronze	2-3/8"	3/8"	**126244**

Double Fast Eye Block Galvanized

Part#	Shell Length	Rope	Order#
PER-4-4-G	1-3/4"	1/4"	**126260**
PER-4-8-G	2-3/8"	3/8"	**126264**

Aluminum Hothouse Pulley

Special!

2" sheave, for 5/16" rope or cord.
WC-365-200 **Order# 142966**

Aluminum Pulley w/Fast Eye WC-0174

Size	Rope	Order#
3/4"	3/16"	**732462**
1"	1/4"	**142812**
1-3/4"	3/8"	**142813**
2-1/2"	5/8"	**142815**

Special!

Vertical Mount Aluminum Blocks

1-1/2" sheave, for 3/8" rope or cord.
WC-386-150 **Order# 142975**

Aluminum Pulley w/Swivel WC-173

Size	Rope	Order#
1/2"	5/32"	**142807**
3/4"	3/16"	**732459**
1-1/4"	5/16"	**732480**
1-1/2"	5/16"	**142809**
2"	7/16"	**142810**

Special!

Low Profile Aluminum Block

2" sheave, for 5/16" rope or cord.
WC-0125-2AL **Order# 142804**

Galvanized Iron Pulley w/Fast Eye WC-368

Size	Rope	Order#
3/4"	3/16"	**732468**
1"	1/4"	**732463**
1-3/8"	5/16"	**142968**

Special!

Tubtrugs®

Super flexible, safe, and strong!

Multipurpose, food grade certified. Great for tenders, fishing, gardening, cleaning, storage and much more! Will not rot or rust.

Part#	Capacity	Color	Order#
TUB-TUBTRUG1-P	3.7 Gal	Pistachio	**746179**
TUB-TUBTRUG2-B	6.9 Gal	Blue	**746180**

Star brite Dip-it Whip-it

Liquid Rope Whipping
The quick and easy way to finish rope ends. Excellent for synthetic and manila ropes. 4 oz.

Part#	Color	Order#
STA-84904	White	**131972**
STA-84905	Red	**131973**
STA-84906	Green	**131974**
STA-84907	Clear	**131975**

3M Scotchmate™ Hook-and-Loop

Premium performance adhesive system. Two woven nylon strips, one of hook material and one of loop material. Roll size is 1" x 4.9 yds. (14.7') 1 roll each of both sides included.

Type	Color	Order#
Stick-on	Black	**123350**
Stick-on	White	**123351**

Dual Lock Hook-and-Loop Strip
Sold by the foot in single strip pieces. MMM-06463
Order# 123347

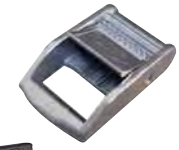
Heavy-Duty Webbing

1" wide. Available in blue with yellow NRS logo or solid black. 1500 lb. tensile strength.

Part#	Color	Order#
NRS-1450	Blue	**125540**
AQB-E112NBK	Black	**101746**

1" Heavy-Duty Cam Buckle

Strong double spring and aggressive teeth make these buckles bite. Buckle rated at 2000 lbs. tensile strength.
NRS-1451 **Order# 125541**



Side Release Snap Buckle

For 1" webbing. Black nylon. AQB-A089BK
Order# 101715

Plastic Tri Glide

For 1" webbing. Black nylon. AQB-A122BK
Order# 728270

Ring on Plate

Galvanized malleable iron with steel ring.
Snap Opening: 2-1/8" x 2-1/8". Requires 1/4" fasteners.

Part#	Overall Length	Order#
PER-145-1-G	5/16" x 1-3/4"	**126211**
PER-145-2-G	3/8" x 2"	**126212**

Belaying Pin

Polished bronze.

Part#	Shank Dia.	Head	Total	Order#
PTF-BP38PB	3/8"	3"	8"	**170928**
PTF-BP50PB	1/2"	3-5/8"	9-1/2"	**170929**
PTF-BP63PB	5/8"	3-3/4"	10-1/4"	**170930**

Sail Ties

Soft spun Dacron®. 1-1/8" wide. 2000 pound breaking strength. Sold by the foot, roll or 3 pack.
Order# 117790

Part#	Length	Order#
HM-ST5	5'	**117787**
HM-ST7	7'	**117788**
HM-ST9	9'	**117789**

Sea Ties

Unique ties designed to fasten mainsail, lash tiller, prevent noisy halyard slapping, cinch jibs or secure anchors. Made of high quality shock cord, varnished hardwood toggles and solid brass clamps. SEA-ST-

Length	#/Pkg	Order#
12"	4	**130453**
15"	4	**130454**
18"	4	**130455**
24"	2	**130456**

Reusable Gear Ties

Made of bendable wire interior with a durable, soft rubber exterior for added grip. Safe for use in fresh or salt water without damage, UV resistant, and won't scratch or mark. Use in the garage, on the boat, in the home, and in countless other places where things need to be secured and organized. 2 per package.

Part#	Size	Color	Order#
NIT-GT6-2PK-01	6"	Black	**739479**
NIT-GT6-2PK-03	6"	Blue	**739480**
NIT-GT6-2PK-17	6"	Lime	**739481**
NIT-GT18-2PK01	18"	Black	**739482**
NIT-GT18-2PK03	18"	Blue	**739483**
NIT-GT18-2PK17	18"	Lime	**739485**
NIT-GT18-2PK28	18"	Forest Grn	**739486**
NIT-GT24-2PK01	24"	Black	**739487**
NIT-GT24-2PK03	24"	Blue	**739489**
NIT-GT24-2PK16	24"	Yellow	**739490**
NIT-GT24-2PK17	24"	Lime	**739491**
NIT-GT24-2PK28	24"	Forest Grn	**739492**
NIT-GT32-2PK01	32"	Black	**739493**
NIT-GT32-2PK16	32"	Yellow	**739495**
NIT-GT32-2PK17	32"	Lime	**739496**

Snake Ties

Flexible, reusable, silicone zip-ties that are perfect for attaching or bundling lightweight gear. Just insert tail into locking head and pull to desired tightness. Pack of six 8" ties. UST-TDS0020 **Order# 759026**

Gear Snake Wire Twist Tie

Strong, durable & flexible 16' plastic coated cord with a bendable steel wire core. Can be cut to your desired length with scissors or a knife. Won't rust, slip, or stretch. UST-90887-08
Order# 759325

New England Ropes

Braided Dacron® Cord

The low stretch cord with a thousand uses. Perfect for flag halyards, foredeck netting, even light air spinnaker sheets on smaller boats. 1/8" x 50' hank. NE-CD1350
Order# 124966

Pre-Waxed Sail Twine

Needle included.

Type	Order#
#3 Brown, 1 oz.	**106200**
#3 White, 1 oz.	**106201**
#7 White, 1 oz.	**106203**
#7 White, 1 lb.	**106202**
#3 Brown, 1 lb.	**106204**
#3 White, 1 lb.	**106205**

Tarred Yacht Marlin

100% continuous filament special cabled polyester. Includes sail needle.

Part#	Type	Order#
CON-TM-F4	4 oz. fine	**106208**
CON-TM-F16	1 lb. fine	**106207**
CON-TM-H4	4 oz. heavy	**106210**
CON-TM-H16	1 lb. heavy	**106209**

Sail Needles

Seven quality assorted needles:
1. Carpet/heavy works
2. Chairs/sofas
3. Sack/Bag/Hampers
4. Tents/Canvas/Sails
5. Coats/Gloves/Leather
6. Mattresses/Seats (x2)

AQB-C007 **Order# 101734**

Individual Sail Needles

Gauge	Length	Order#
#13	3"	**139103**
#15	2-1/2"	**138531**
#16	2-3/8"	**106589**

Sail Repair Kit

Includes wax, tube of 10 needles, thread and adjustable sail palm.
AQB-C038
Order# 748890

Bees Wax

For waxing twine before whipping. 2 oz.
CON-SW-2 **Order# 106206**

Wooden Mast Hoops

Authentic, handmade, highest quality wooden mast hoops.

Part#	Size	Order#
AQB-Q604	4"	**101790**
AQB-Q606	6"	**101792** N
AQB-Q610	10"	**101795** N

Sail Palm

General purpose, made of quality leather. Specify right or left hand (if you hold the needle in your right hand, order right hand palm).

Part#	Hand	Order#
AQB-C025	Left	**101737**
AQB-C024	Right	**101736**

Sewing Awl and Accessories

The ideal tool for sewing and repairing leather and canvas. Awl comes complete with two straight needles, waxed thread and a combination wrench/screwdriver.
AQB-C910 **Order# 101740**

Replacement Needles

Description	Order#
#6 Curved	**101742** N
#8 Heavy Duty Straight, 3-Pack	**101743**

Sailkote Dry Lube

Sailkote is the easy to apply dry lubricant that makes sails, hulls, rigging, deck hardware, and anything that moves on your boat run smoother and more efficiently. This translucent liquid sprays or wipes on and completely dries in seconds. So, unlike oils, silicones, and waxes, it will never attract dirt, water and contaminants that eventually degrade lubrication performance.

Part#	Size	Order#
MCL-500697	8 oz.	**155375**
MCL-318230	16 oz.	**155376**

Lev-o-gage®

Mounts with permanent adhesive. No screws needed. Heel angle 45°-0°-45°
SUN-7301-C **Order# 133290**

Bulkhead Sheet Bag
Percfect for keeping lines untangled and out of the way. Made with gray ripstop fabric. 11.8" x 7.9" x 4.7"
GUS-BP450 **Order# 166651**

Bulkhead Sheet Combi Bag
Made with gray ripstop fabric. Has one big middle compartment, two small ones on each end and a small mesh pocket on the front for all your storage needs. 15.2" x 10.8" x 4.3"
GUS-BP505 **Order# 759656**

Deluxe Sea Rail Bag
Features a large compartment, two side mesh pouches and a velcro flap cover. Made with gray ripstop fabric. 15.7" x 11.8" x 7.9"
GUS-BP515 **Order# 759651**

Cabin Bag
Has one large mesh pouch, three small drawstring pouches and one large drawstring pouch. Made with gray ripstop fabric. 17.7" x 22.8" x 3.9"
GUS-BP585 **Order# 759652**

White Screw Hooks
Pack of four. GUS-BP980
Order# 759653

Canvas Tote Bag
Rugged, multi-purpose canvas bag. Zippered top. Navy blue bottom and straps. 22" x 15.25" x 8".
HM-TOTE-ZB **Order# 162532**

Classic Canvas Riggers Bag
24 oz. canvas with rolled seam construction makes this tote bag extra sturdy and strong. Self-standing and measures 12"L x 7"W x 9"D. Two levels of handy pockets surround the spacious central compartment. Machine washable.
GRE-15001 **Order# 162680**

Canvas Riggers Bag with Strap
Classic rugged canvas bag with leather trim. Includes strap. 14" x 7" x 9". Color: Natural.
GRE-15003 **Order# 742426**

Multi-Pocket Canvas Ditty Bag
12" x 10" GOL-1202
Order# 142128

Heavy Duty Canvas Buckets
These buckets carry all types of liquids or hardware and tools. It even collapses for easy storage and travel. Color: Natural.

Part#	Size	Capacity	Order#
GRE-15008	8"x8"	1.5 gal	**174196**
GRE-15510	10"x10"	3 gal	**162679**

Canvas Bucket with Buckle Strap
3 gallon 10 x 10 canvas bucket. Carry tools, gear, even water! Long strap with sturdy snap buckle. Collapsible.
GRE-15011 **Order# 754249**

Ditty Bag Set
3-piece set of acrylic coated, water repellent nylon bags. One each of 6" x 13", 5" x 11", 4" x 9". Drawstring closure. CGN-8233
Order# 158115

Waterproof Pouch Set
3-piece set. Strong vinyl material. Water tight hook and loop closure. 5" x 7", 7" x 10" and 10.5" x 13.5".
CGN-9710 **Order# 158118**

Nylon Mesh Gear Bags
Tough nylon mesh allows gear to dry quickly. Drawstring closure with cord lock keeps your gear in a tight bundle. Makes a great laundry bag.

Size	Order#
28" x 17"	**125579**
36" x 25"	**125578**

Nylon Mesh Dunk Bag
19" x 23". Will not mildew, rot or retain odors. Sewn-in drawstring. Ideal for laundry, fish and small game, toys or food storage. CGN-8319
Order# 158117

Gear Hammock
Hang this nylon 60" hammock in the corner of any area of your boat and stow food, clothing, or gear to keep it out of the way.
SD-671100-1 **Order# 146665**

Hooks **Order# 143445**

GRUNDÉNS

Gage 30 Liter Rum Runner Backpack
500d PVC tarpaulin fabric. Roll top closure. 100% waterproof. 100% radio frequency welded seams. Padded moisture wicking back panel. Front mesh pocket. Water bottle pockets. 30 liter capacity.
GRD-GTBP30 **Order# 737101**

GRUNDÉNS

Gage Shackelton Duffel Bag
100% waterproof. 500d PVC tarpaulin fabric. Roll top closure and compression straps ensure a waterproof seal. Converts to backpack when hidden straps are deployed. 100% radio frequency welded seams. 105 liter capacity.
GRD-GTDB **Order# 736946**

Clutch Bags
Inspired by a Lobsterman's bait bag, these bags were created using the same marine-grade material. Durable, yet ultra chic, and ready for wherever life takes you. Approximately 13" x 7". Hand printed and sewn in Portland, ME.

Navy/Yellow **Order# 754169**
Violet/Coral **Order# 754168**

See more hats featured on pages 45

Heat Holders® Hats and Neck Warmers

New!

Features a silky soft lining that keeps your head warm in the harsh winter. Stretchable rib construction for added comfort. Outer: 53% Polyester 47% Acrylic, Lining: 100% Polyester. One size.

Hats, Assorted Colors

Description	Order#
Men's Ribbed Hat	762221
Ladies Cable Knit Hat	762215

Neck Warmers

Description	Order#
Light Gray	762218
Purple	762269

Gill Polarclava

A lightweight, wind resistant thermal balaclava that converts from full head protection to a hood and then a neck gaiter. One size. Black. DGU-HT22 **Order# 735459**

Gill i3 Beanie Hat

Pill-resistant, polyester microfleece. One size. Black. DGU-HT1 **Order# 169313**

Gill Cable Knit Beanie

A casual look beanie with a technical twist. This beanie features an internal thermal headband for cold weather comfort. One size. DGU-HT32

Navy	**Order# 751545**
Sailcloth	**Order# 755605**

Gill Floating Knit Beanie

80% Acrylic, 20% Polypropylene. One Size. Navy. DGU-HT37N **Order# 755604**

Carhartt Watch Cap

100% acrylic, stretchable knit cap. One size fits all.

Color	Order#
Black	744966
Brown	744967
Dk Green	744968
Navy	744969
Blaze Orange	749740

Carhartt Army Hat with Visor

100% acrylic, stretchable knit cap. One size fits all.

Color	Order#
Green	744970
Black	744972
Coal	744971

Wool Watch Cap

Authentic military knit cap. One size fits all. 100% wool.

Black **Order# 157829**
Blue **Order# 157830**

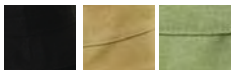
Hamilton Marine Hats

Description	Color	Order#
A. Ball Cap with HM Logo	Green Visor	105533
B. Ball Cap with HM Logo	Blue Visor	105532
C. Ball Cap with HM Commercial Logo	Khaki	749722
D. Knit Beanie with HM Logo	Black	759764
E. Knit Beanie with HM Commercial Logo	Black	749723
F. Bucket Crusher Hat with HM Logo	Stone	168218

DORFMAN PACIFIC

Women's Dorfman Hats

45% cotton 55% linen sunhat with 3-3/4" brim. 50+ UV sun protection. One size fits all. Colors include: black, white, taupe and natural. Specify color when ordering. DFP-TMLC635-AS **Order# 744410**



DORFMAN PACIFIC

Men's Dorfman Hats

Made of washed twill with 3" contrast underbrim and chincord. 50+ UV sun protection. Available in navy, khaki, putty and olive. Specify color when ordering. DFP-TMBH56

Size	Order#
M	744465
L	744466
XL	744467

Gill Technical UV Sun Hat

Wicking inner headband. Stiffened and non-absorbent brim. Removable chin strap with adjustment. Excellent sun protection UPF 50+. Volume adjustment DGU-140S

Size	Order#
Sm/Med	755606
Med/Lg	755609

Tilley Hats

Aussie style hats with a medium-sized brim and sides that snap up in the Aussie manner. Front and back: 2-3/4", sides: 2-3/8".

LTM3 Airflo® Hat

Constructed from Tilley Nylamtium with mesh in crown for ventilation. TLE-LTM3NFG

Natural with Green Underbrim

Size	Order#	Size	Order#	Size	Order#
7	167861	7-3/8	167864	7-5/8	167866
7-1/8	167862	7-1/2	167865	7-3/4	167867
7-1/4	167863				

LTM6 Airflow® Hat

Constructed from supplex nylon with mesh in crown for ventilation. This hat has a broader down-sloping brim. TLE-LTM6NG

Natural with Green Underbrim

Size	Order#	Size	Order#	Size	Order#
7	174724	7-3/8	174728	7-5/8	174730
7-1/8	174725	7-1/2	174729	7-3/4	174731
7-1/4	174727				

Lid Latch

10" long. Secure your hat in high wind by clipping to your collar. Tough woven climbing rope. Strong metal bulldog clips. Washable and made in USA. Assorted colors. CRK-222279 **Order# 154212**

Kap Strap®

Have you ever lost a hat? Keep your hats from blowing away in high winds or fast action with the Kap Strap®. It clips your cap to shirt or jacket to stay secure. UPI-KAP1 **Order# 135570**

No-See-Um Head Net

Keeps head cool while keeping insects away. Comfortable, tapered neck with elastic bottom for secure fit. Wearable over a variety of hats. Also makes a great transport bag. UST-NET300 **Order# 756441**

Men's Shaw Boat Shoe

Features genuine leather uppers with light and resilient CrosliteTM foam outsole. Memory foam pillows on top of a foam footbed for added comfort. Espresso.
CRO-SHAWBT-E

Size	Order#
9	759149
10	759150
11	759151
12	759152
13	759153

Men's Swiftwater Mesh Moc

Easy, slip on stye for everyday wear. Fast-drying, breathable mesh uppers with synthetic leather accesnts on the toe and heel. Mesh lined foam footbed on top of Croslite™ foam outsole for added comfort. Black.
CRO-SWFTMESH-B

Size	Order#
7	759155
8	759156
9	759157
10	759158
11	759159
12	759160
13	759161

Men's Swiftwater Sandal

Features stretchable upper for flexibility and easy on/off. Cutouts for drainage, Croslite™ material footbed. Outsole cushion for added comfort. Hook and loop closure for secure fit.

CRO-SWIFT-B
Black

Size	Order#
7	755914 N
8	755908
9	755909
10	755910
11	755911
12	755912
13	755913

CRO-SWIFT-E
Espresso

Size	Order#
7	755900 N
8	755901
9	755902
10	755903
11	755904
12	755905
13	755906

Men's Swiftwater Flip

Water-resistant suede and mesh upper straps for fast drying, webbing material toe post and Croslite™ foam cushion for added comfort. Walnut/Espresso.
CRO-SWIFTF-W

Size	Order#
9	759140
10	759141
11	759143
12	759144
13	759146

Women's Swiftwater Sandal

Water-friendly, breathable, fast-drying mesh uppers. Adjustable closure for a secure fit. Heel pull tab. Outsole with flex grooves. Croslite™ foam cushion. Pink/Smoke.
CRO-SWIFTW

Size	Order#
6	762366
7	762367
8	762368
9	762369
10	762370

Women's Freesail Lined Clog

Slim, sleek profile specifically designed for women. Croslite™ foam for all day comfort. Soft, lightweight liner. No heel strap, just slip on and go.

CRO-FRSAILLN
Navy/Charcoal

Size	Order#
6	757756
7	757757
8	757758
9	757759
10	757760

CRO-FRSAILLO
Orchid/Oatmeal

Size	Order#
6	757761
7	757762
8	757763
9	757764
10	757765

Bump It Graphic Clog

Cool vintage sneaker inspired design. Playful ocean theme graphics. Rubber bottom band and toe caps. Original Croslite™ foam cushion.

CRO-SHARKB-C
Child Black Smoke

Size	Order#
6	762378
7	762379
8	762380
9	762381
10	762382
11	762383
12	762384
13	762385

CRO-FISHV-C
Child Violet/White

Size	Order#
6	762389
7	762390
8	762391
9	762392
10	762393
11	762394
12	762395
13	762396

CRO-SHARKB-J
Junior Black Smoke

Size	Order#
1	762386
2	762387
3	762388

CRO-FISHV-J
Junior Violet/White

Size	Order#
1	762397
2	762398
3	762399

Kids Swiftwater Sandal

Go-anywhere sandal. Lightweight mesh upper with adjustable closure. Covers top of foot and toes. Dual comfort Croslite™ foam footbed on top of a Croslite™ foam outsole.

CRO-SWIFTKG-C
Child Green/Graphite

Size	Order#
6	762400
7	762401
8	762402
9	762403
10	762404
11	762405
12	762406
13	762407

CRO-SWIFTKP-C
Child Pink/Smoke

Size	Order#
6	762411
7	762412
8	762413
9	762415
10	762416
11	762417
12	762418
13	762419

CRO-SWIFTKG-C
Junior Green/Graphite

Size	Order#
1	762408
2	762409
3	762410

CRO-SWIFTKP-J
Junior Pink/Smoke

Size	Order#
1	762420
2	762421
3	762422

Kids Handle It Rain Boot

Fully molded Croslite™ for lightweight and comfortable fit. Completely waterproof. Handle loops for easy pull on and features reflective heel logo.

CRO-RAINBT-CY
Child Yellow

Size	Order#
6	751137
7	751138
8	751139
9	751140
10	751141
11	751142
12	751143

CRO-RAINBT-JY
Junior Yellow

Size	Order#
1	751144
2	751145
3	751146

SoftScience Cruise Canvas Shoe

The Cruise Canvas boating shoe is designed for boating enthusiasts and is so comfortable that you'll want to wear yours off the boat, too. Featuring a classic boating collar, a breathable washed cotton canvas upper, and laces to customize the fit, this shoe is ideal for an active lifestyle, whatever your preferred mode of transport. Classic Khaki.
SSE-CRUISEK

Size	Order#
7	764376
8	764377
9	764378
10	764379
11	764380
12	764381
13	764382

SoftScience Durango Men's Slip-On Shoe

The supremely comfortable, amazingly light, all-purpose Durango features the unique SoftScience Trileon footbed and insole technology, coupled with a breathable, washed cotton canvas upper. Easy-to-wear, relaxed and can reduce foot discomfort. Light Gray.
SSE-DURANGO

Size	Order#
7	764383
8	764384
9	764385
10	764388
11	764386
12	764387
13	764389

SPERRY TOP-SIDER Men's Sea Kite Sport Moc

Get the boat shoe style with the performance and comfort of an athletic shoe. Features adaptive Wave-Siping™ disperses water underfoot to reduce slip-page on wet/dry surfaces. Removable EVA footbed and compression molded EVA midsole for all day underfoot comfort. Leather and mesh uppers and linings to promote quick drying. Medium width.

Dark Tan
TOP-0528695

Size	Order#	Size	Order#
7.5	751424	10.5	751430
8	751425	11	751431
8.5	751429	11.5	751432
9	751426	12	751433
9.5	751428	13	751434
10	751427		

Brown
TOP-STS10004

Size	Order#	Size	Order#
8	756086	11	756089
9	756087	12	756090
10	756088	13	756091

SPERRY TOP-SIDER Men's Captain's A/O 2-Eye

Genuine hand-sewn, premium waterproof leather uppers with true moccasin construction to ensure longevity of wear. 30% lighter. Hydro Grip™ rubber outsole 360° rawhide lacing system. EVA footbed for quick drainag. TOP-STS41037

Size	Order#	Size	Order#	Size	Order#
9	759252	11	759256	13	759258
10	759255	12	759257		

SPERRY TOP-SIDER Men's Wahoo Thong Sandal

Easy on, easy off leather and fabric upper. Fabric strap lining. Cushioned footbed for added comfort. 1 inch heel rubber outsole with wave siping for wet and dry traction.
TOP-STS16236

New!

Size	Order#	Size	Order#
7	763800	10	763803
8	763801	11	763804
9	763802	12	763805

RUGGED SHARK Tidalwave 3-Eye Boat Shoe

Premium waxy pull up full grain leather upper with mesh inserts. Genuine handsewn moc toe. Lightweight compression molded EVA cushioned mid-sole. Hexagrip slip resistant, non-marking rubber outsole. Breathable full length cushioned EVA footbed. Non-corrosive metal hardware.
RSL-TIDALWAVE

Size	Order#	Size	Order#
8	755735	11	755738
8.5	755741	11.5	755744
9	755736	12	755739
9.5	755742	13	755740
10	755737		

RUGGED SHARK Captiva Sport

Genuine nylon mesh for breathability. Synthetic toe and mudguard for durability. Padded collar lining. Comfort cushioned molded sock with drainage holes. Compression molded EVA outsole. Extremely lightweight. Olive/Khaki. RSL-CAPTIVA

Size	Order#	Size	Order#
8	756063	11	756066
9	756064	12	756067
10	756065	13	756068

RUGGED SHARK Atlantic Boat Shoe

3-eyelet boat shoe oxford with leather uppers, a Lycra neoprene padded collar, comfort footbed and slip resistant rubber outsole. Medium width. Copper. RSL-ATL

Size	Order#	Size	Order#
8	749024	10.5	749028
8.5	749026	11	743149
9	743147	11.5	749029
9.5	749027	12	740398
10	743148	13	743150

SPERRY TOP-SIDER Men's Nautical Billfish 3-Eye Boat Shoe & Slip On

Molded EVA cushion midsole, 360° lacing system with rust proof eyelets, Non-marking rubber outsole with wet/dry traction, Shock absorbing EVA heel cup, genuine handsewn tru-moc construction and padded tongue, air-mesh upper panels for cool, breathable comfort around the foot. Men's sizes. Medium width.

Dark Tan
TOP-799320

Size	Order#	Size	Order#
8	163700	10.5	163859
8.5	163857	11	163703
9	163701	11.5	163860
9.5	163858	12	163704
10	163702	13	163705

Tan Slip On
TOP-852822

Size	Order#	Size	Order#
8	733426	11	733432
9	733428	11.5	733433
9.5	733429	12	733434
10	733430	13	733435
10.5	733431		

SPERRY TOP-SIDER Men's Authentic Original Top-Sider

Non-marking rubber outsole with wet/dry traction, genuine handsewn tru-moc construction, 360° lacing system with rust proof eyelets, shock absorbing EVA heel cup. Medium width. TOP-195115, TOP-195214

Size	Classic Brown	Amaretto
7.5	–	175443 N
8	163675	175444 N
8.5	163837	175445
9	163676	175446

Size	Classic Brown	Amaretto
9.5	163838	175447
10	163677	175448
10.5	163839	175449
11	163678	175450

Size	Classic Brown	Amaretto
11.5	163840	175451
12	163679	175452
13	163680	175453

SPERRY TOP-SIDER Women's Authentic Original Top-Sider

Genuine handsewn tru-moc construction. Non-marking rubber outsole w/razor cut Wave-Siping™. 360° lacing system™ with rust proof eyelets. Shock absorbing EVA heel cup. Leather footbed with contoured arch support. Women's sizes. Medium width. Brown. TOP-9195017

Size	Order#	Size	Order#	Size	Order#
5	170048	6.5	170051	8	170053
5.5	170049	7	167690	8.5	170054
6	170050	7.5	170052	9	170055

SPERRY TOP-SIDER Women's Koifish Boat Shoe

A modern, feminine update to the classic Bluefish style. Made with a leather and textile upper featuring an EVA molded midsole for superior comfort and support during your daily routine. Linen/Oat.
TOP-STS95589

New!

Size	Order#
6	763817
7	763818
8	763819
9	763820
10	763821

SPERRY TOP-SIDER Women's Barrelfish Boat Shoe

Leather and textile upper with leather signature barrel tie detailing. EVA molded midsole provides support and comfort. Dri-Lex® Lining provides breathability through its moisture wicking technology for a cool and dry wearing experience. Non-Marking rubber outsole with wave-siping for ultimate wet/dry traction. Tan/Cork.
TOP-STS98334

New!

Size	Order#
6	763809
7	763810
8	763811
9	763812
10	763813

10" Kadett Yachting Boots

Perfect for much more than just boating! Sure grip sole gives excellent traction in the garden too. Soft rubber shaft stays flexible in the cold and also rolls down when warm. Removable insole. VKN-VW24

Size	Order#	Size	Order#
8	**146286**	11	**146288**
9	**146210**	12	**146289**
10	**146287**	13	**146290**

Gill Tall Yachting Boots

Marine-specific outersole. Soft, non-marking sole for superb grip in all conditions on a variety of surfaces. Padded tie tops with soft rubber seals. Quick drying, anti-microbial, anti-rot polyester lining.

DGU-909C

Size	Order#	Size	Order#	Size	Order#
4	**175634**	8	**175639**	12	**175644**
5	**175635**	9	**175640**	13	**175645**
6	**175636**	10	**175641**	14	**175646**
7	**175637**	10.5	**175642**		
7.5	**175638**	11	**175643**		

Gill Short Yachting Boots

100% natural rubber mid calf length. Padded top. Non-slip, razor cut soles with multi-directional wave. Quick drying, anti-microbial, anti-rot polyester lining and removable cushioned insoles.

Size	Order#	Size	Order#	Size	Order#
5	**175621**	8	**175625**	11	**175629**
6	**175622**	9	**175626**	12	**175630**
7	**175623**	10	**175627**	13	**175631**
7.5	**175624**	10.5	**175628**	14	**175632**

DGU-901C

Gill Hiking Boot

Designed specifically for hiking, these boots provide high levels of traction, stability and support for greater confidence and performance. 5mm neoprene. Non-slip razor cut soles. Reinforced instep, toe and heel areas. Flat locked seams for comfort.

DGU-906B

Size	Order#	Size	Order#
4	**737406**	9	**737410**
5/6	**737407**	10/10.5	**737411**
7	**737408**	11/12	**737412**
7.5/8	**737409**	13	**737414**

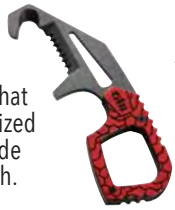
Gill Personal Rescue Knife

Titanium coated 420 stainless steel constuction. Linear lock to prevent accidental closure, thumb stud for one-handed opening, and serrated blade for rope cutting. G10 composite handle for wet and dry grip. Machined 'Gill Grip' for extra grip. Includes nylon pouch. Red handle.

DGU-MT006 **Order# 756764**

Gill Harness Rescue Multi-Tool

Titanium coated 420 stainless steel construction. Low profile tool that easily slips inside pocket. Shackle key fits most small to medium sized shackles. G10 composite handle for wet and dry grip. Serrated blade edge for emergency use, webbing cutter and includes nylon sheath.



DGU-MT008 **Order# 756766**

Gill Race Watch

The sporty Race Watch is made using a carbon reinforced ABS plastic construction with a stainless steel case back. Water resistant to 30m. Countdown timer with synchro. Key lock function. Shock and impact resistant construction. Electro luminescent backlight. Time, date and day. Alarm function. Audible alarm and alert sounds. Sleep mode to preserve battery life. Flexible, hardwearing TPU strap. Black/Red.

DGU-W013B **Order# 756762**

Polarized Sunglasses

AcuTint™ Polarized SunLens Systems eliminates glare. Hard coated for better scratch resistance. Lightweight and durable. Maximum UV Protection.

Part#	Style	Frame	Lens	Order#
A. FLF-7780SS	Key West	Matte Silver	Smoke	**176905**
B. FLF-7789GS	San Jose	Gunmetal	Smoke	**729503**
C. FLF-7812BY	Maverick	Matte Black	Yellow	**176907**

Gill Floating Sunglasses

If you have ever lost your sunglasses over the side and watched them sink quickly out of sight, you will appreciate these sunglasses. They have been designed with integral flotation and feature 100% glare free polarized lenses. Rubber tipped arms and nose pads.

Part#	Style	Frame	Lens	Order#
A. DGU-9473MB	Classic	Matte Black	Smoke	**748222**
B. DGU-9630B	Shadow	Black	Smoke	**733922**
C. DGU-9635T *	Gemini	Tortoiseshell	Copper	**171439**
D. DGU-9662BL	Reflex	Matte Black	Smoke	**752243**
E. DGU-9631B *	Spray	Black	Smoke	**756761**

*Womens/Youth age 11 and up

Rugged Optics Case

This zip top-loading case made with a durable, weather-resistant hard shell exterior keeps glasses safe. Designed with a sewn-in microfiber cleaning cloth to keep your lenses clean, and fitted with a durable clip that attaches securely to belts or straps up to 2" wide.

NIT-NGC-03-01 **Order# 736489**

Eyewear Retainers

One size fits on all frames. Colorful, durable, UV resistant silicon loop ends are durable and will not crack or split. Unique design provides a more secure grip on frame.
Assorted colors.

Strap Style	Adjustable	Order#
A. Basic Neoprene	No	**153976**
B. Cotton Suiter	Yes	**153979**
C. Terra Spec	Yes	**163409**

GRUNDÉNS

Weather Gage Hooded Jacket

The water repellant and breathable softshell exterior fabric offers the protection and abrasion resistance of a shell, with the soft and easy wearing of a fleece. Water repellent zippers, quick adjusting hood cords that lead inside the hand warmer pockets. Large napoleon pocket on the outside with a water repellent zipper and a large inner chest pocket that is MP3 friendly with an exit for a headphone jack. Velcro tab on wrists.

	XS	S	M	L	XL	2XL
Black	175556	175559	175562	175563	175564	175565
Navy	–	177359	177360	177361	177362	177363 N

GRUNDÉNS

Gage Midway Hooded Softshell Jacket

Protective outer layer featuring 4-way stretch fabric, water resistant and windproof. Interior chest pocket. Napoleon exterior pocket. Two hand warmer pockets. GAGE Halo hood system. Interior mesh stuff pockets and reverse coil zippers.

	XS	S	M	L	XL	2XL
Black	737105	737106	737107	737108	737109	737110
Blue	-	739376	739377	739378	739379	739380 N
Red	-	739368	739369	739366	739370	739371
Green	739659	739385	739386	739387	739388	739389

GRUNDÉNS

Gage Midway Softshell Camo

This midway softshell jacket is designed with modern lines to look and fit just right. Made out of our four-way stretch soft-shell fabric that is water resistant and windproof. This jacket is great for every day wear. Features two hand warmer pockets, an exterior napoleon pocket, interior zippered pocket and two mesh stuff pockets, the Gage Halo Hood System, adjustable shock cord hem, velcro wrist cuffs, and easy to use reverse coil zippers. Black camo. GRD-GTH100C

XS	S	M	L	XL	2XL
759837	759838	759839	759840	759841	759842

GRUNDÉNS

Gage Nightwatch Puffy Jacket

Ideal for layering under foul weather gear or wearing as a stand-alone jacket. Its unique quilted insulation maximizes retention of body heat while reducing bulk, allowing for full freedom of movement. 20D nylon shell and lining with DWR finish. GAGE 60 gram poly fill insulation with hydrophobic silicon treatment. Zippered hand warmer pockets. Stuffs into its own left chest pocket for stowage. Dual adjusting drawcord hem. GRD-GTNW

	S	M	L	XL	2XL
Black	752481	752482	752483	752484	752485

GRUNDÉNS

Weather Watch Jacket & Pants

Soft and durable fabric. Abrasion resistant 8000mm waterproof. 3000 MVP breathable.Fully taped seams. Heavy duty, lightweight packable. It will roll up into a tight bundle in a pack or duffel. Adjustable hood with easy access drawcords, adjustable waist cinch cord, long back side for improved weather protection, two secure zipper handwarmer pockets and two inside deep secure pockets.

BEST SELLER!

Jacket
Pants
Bib Trousers

Type	Color	XS	S	M	L	XL	2XL
Jacket	Black	734106	734107	734108	734109	734110	734111
Jacket	Navy	732639	732640	732641	732642	732643	732644
Jacket	Red	734113	734114	734115	734116	734117	734118
Jacket	Yellow	734120	734121	734122	734123	734124	734125
Pants	Black	732647	732648	732649	732650	732651	732652
Bib Trousers	Black	737114	737115	737116	737117	737118	737119
Bib Trousers	Red	739394	739395	739396	739397	739398	739399

GRUNDÉNS

Gage Burning Daylight Hooded Jacket

Fully protective outer layer rain jacket. 10,000mm/10,000 MVP waterproof and breathable fabric. Fully taped seams, Halo adjustable hood system. Internal hem adjustment. Articulated elbow. 2 exterior chest pockets. Side zip. Red/Black. GRD-BD300RB

XS	S	M	L	XL	2XL
739403	739404	739405	739406	739407	739408

VIKING

Tempest II Jackets

100% Water and Windproof

Five pocket parka with fully adjustable hood. Fully lined with adjustable cuffs for maximum comfort. Zippered underarm ventilation traps. Seams are double stitched and heat sealed. Waist and hem of jacket have adjustable quick release toggles. 2-way heavy duty zipper and storm flap. Hood folds into fleece collar. Red. VKN-838C

S	M	L	XL	2XL	3XL
164912	164913	164914	164915	164916	164917

WATERPROOF • BREATHABLE • HIGH PERFORMANCE • DURABLE

Performance Clothing To Keep You Warm and Dry. World Class. World Tested. Gill Guaranteed.

Gill Size Chart	XS	S	M	L	XL	2XL
Average Height	5'2" - 5'4"	5'5" - 5'7"	5'7" - 5'10"	5'11" - 6'1"	6'1" - 6'3"	6'2" - 6'4"
Chest	34" - 36"	36" - 38"	38" - 40"	41" - 43"	44" - 46"	46" - 48"
Waist	24" - 26"	27" - 29"	30" - 33"	34" - 37"	38" - 40"	41" - 42"
Inside Leg	29"	30"	31"	32"	33"	33-1/2"

OS1 OFFSHORE

Built for the worst conditions imaginable. High collar, wrap-around face guard and peaked hood offer the best possible protection from extreme conditions. High performance 5 Dot 4-layer shell fabric is ruggedly durable, waterproof and highly breathable, making it perfect for extended use. Active-fit rollaway hood with 2-way volume adjustment. Gridded thermal inner collar and chin guard. SOLAS approved reflective strips on shoulders, sleeves and front flap. Double front storm flap. Adjustable cuffs with PU inner seals for watertight comfort. Internally elasticated waist. Adjustable shock cord hem. 7 total pockets. Chest hand warmer pockets. Cargo pockets for storing bulky objects with hand warmer pockets behind them. Internal chest pocket protected by a WR zipper. Internal waist adjustment.

Jackets DGU-OS11J
Pants DGU-OS11T

	S	M	L	XL	2XL
Red/Graphite Jacket	**733835**	**733836**	**733837**	**733838**	–
Graphite Pants	**733841**	**733842**	**733843**	**733844**	**733845**

OS2 OFFSHORE/COASTAL

Stands up to the toughest offshore and coastal conditions while keeping you dry and comfortable. Made from hydrophobic, laminated moisture-management fabric that is 100% waterproof and windproof. This 3 Dot™ fabric creates an incredibly waterproof, windproof and breathable protective shell. Fully taped seams, fully lined with mesh drainage panels, thermal fleece inner collar, hand warmer pockets, chin guard, retractable cuff adjusters, 2-way zipper, internal security pocket, life jacket attachment facility, rollaway florescent hood and high visibility Reflexite® patches. Trousers feature fully taped seams, 2-way zipper, adjustable suspenders and elasticized waist (men's only) for comfortable fit. Deep cargo thigh pocket, fleece lined hand warmer pockets, adjustable ankle closures, and abrasion resistant panels that guard against wear and tear. Performance cut fit with articulated knees. Trousers are graphite. DGU-OS22

Men's Jacket
Men's Trousers

Women's Jacket
Women's Trousers

Men's	XS	S	M	L	XL	2XL	3XL
Graphite	–	**747951** N	**748125** N	**748126** N	**748127** N	**748128** N	–
Red	–	**748129**	**748130**	**748131**	**748132**	**748133**	–
Trousers	**748174**	**748175**	**748176**	**748182**	**748183**	**748184**	**748185**

Women's	6	8	10	12	14	16
Red	**748156** N	**748157** N	**748158** N	**748159** N	**748160** N	**748161** N
Trousers	**748187**	**748188**	**748189**	**748190**	**748192**	**748193**

Coast COASTAL/INSHORE

Made from waterproof and breathable 2 Dot™ fabric, it offers excellent weather protection and all-around performance. Roll away adjustable fluorescent hood, high cut collar with face guard for warmth and comfort. 2-way zipper protected by double front storm guard, large capacity cargo pockets with drainage and fleece lined for added warmth. Adjustable cuffs with PU inner seals for watertight comfort and adjustable shock cord hem. Life jacket attachment facility, high visibility Reflexite® reflectives.

Men's
Jackets DGU-IN12J
Pants DGU-IN12T

Women's
Jackets DGU-IN12JW
Pants DGU-IN12TW

Men's	S	M	L	XL	2XL	3XL
Red/Graphite	**752158**	**752159**	**752160**	**752161**	**752162**	**752163**
Silver/Graphite	**752164**	**752165**	**752166**	**752167**	**752168**	–
Yellow/Graphite	**752170**	**752171**	**752172**	**752173**	**752175**	**752176** N
Graphite Pants	**752256**	**752257**	**752258**	**752259**	**752260**	–

Women's	6	8	10	12	14	16
Red/Graphite	**752177**	**752178**	**752179**	**752180**	**752181**	–
Graphite Pants	**752231**	**752232**	**752233**	**752234**	**752235**	**752236**

Waterproof Trousers

Waterproof, breathable and hard wearing. Has fully taped seams, two layer waterproof fabric, elasticized waist, wide belt loops, button closure, durable zippered fly, partly mesh lined for breathability, deep side pockets, one secure cargo pocket, and adjustable ankle closures. Graphite.
DGU-4362G

XS	S	M	L	XL	2XL
752246	**752247**	**752248**	**752249**	**752250**	**752251**

IN31 Inshore Lite

This jacket is waterproof, breathable and has a comfortable mesh lining for cooling ventilation. Features 2 Dot™ soft-touch laminate technology fabric with a durable water repellent finish. Lightweight wet weather protection for everyday use either on-board or shore-side. Navy.

S	M	L	XL
760128	**760129**	**760130**	**760131**

Pro Salopettes

These Pro Salopettes have been designed with a high-fit chest and back for greater protection from wind and water. Abrasion-resistant reinforcement fabric on the seat and knees protect the garment from abrasion against the deck. The hem is shaped to prevent it being caught when hiking out. Black.

Men's

XS	S	M	L	XL	2XL
738028	**738029**	**738030**	**738031**	**738032**	**738033**

Women's

4	6	8	10	12	14
738036	**738037**	**738038**	**738039**	**738040**	**738041**

Thermogrid Jacket

The Thermogrid mid layer collection offers a smooth technical face fleece with a brushed waffle interior providing excellent stretch and warmth while incorporating wicking and breathable properties. Black. DGU-1350B

S	M	L	XL	2XL
755589	755590	755591	755592	756576

Marina Jacket

An everyday use, 100% waterproof, breathable jacket solution. Lightweight and packable, great for unexpected rain showers. 1 Dot™, 2.5 layer waterproof and breathable fabric with a durable water repellent finish. Fully taped seams for a waterproof seal. Dry-touch inner print that absorbs moisture and neutralizes odor. 100% Nylon. Graphite.
DGU-FG11JG

S	M	L	XL	2XL
758985	758986	758987	758988	758990

Junior Dinghy Smock Top

This fully taped garment is designed with freedom of movement in mind and is made using a lightweight, fully waterproof, wind-proof and breathable 2 Dot™ fabric. Glideskin collar and cuffs and a elasticated hem ensure that the wearer remains dry and comfortable. Red.

S	M	L
756738	756739	756740

Junior Pro Salopettes

These Pro Salopettes have been designed with a high-fit chest and back for greater protection from wind and water. Abrasion-resistant reinforcement fabric on the seat and knees protect the garment from abrasion against the deck. The hem is shaped to prevent it being caught when hiking out. Black.

M	L
738034	738035

Pro Visor

A performance visor that has nylon tactel fabric with a water repellent finish. Quick drying fabric, reflective piping front and back, short peak for a clear view of sail trim, wicking headband for hot weather comfort, hidden adjustment system & retainer cord with secure clip. Graphite. One size.
DGU-142PROVIOR **Order# 756741**

Pro Cap

A performance visor that has nylon tactel fabric with a water repellent finish. Quick drying fabric with 50+ UV protection, reflective piping front and back, short peak for a clear view of sail trim, wicking head-band for hot weather comfort, hidden adjustment system & retainer cord with secure clip. Graphite. One size.
DGU-143PROCAP **Order# 756742**

Women's Inshore Sport

This extremely lightweight, highly breathable jacket has fully taped seams ensuring total waterproof protection. Has two layer lami-nated fabric with water repellent finish, full mesh lining for cooling ventilation, zippered hand pockets, internal security pocket and hem and cuff adjustment. Raspberry/Silver.
DGU-IN71JW

6	8	10	12	14	16
752237	752238	752239	752240	752241	752242

Women's Polar Jacket

Super soft, very warm and perfect for cooler conditions. The high loft pile on the inside face traps warm air against the skin. Full length front zip, pill resistant fleece, 2 zipped pockets, machine washable, highly breathable densly knitted fabric which is warmer and more wind resistant than standard fleece. 100% Polyester. Lilac/Gray. DGU-1702L

6	8	10	12	14
762303	762304	762305	762306	762307

Deckhand Gloves

Double Amara reinforced palm and fingers. All Amara fingers. Spandex back, velcro wrist tab.

Short Finger
DGU-7042

JR	733825
XS	733767
S	733768
M	733769
L	733770
XL	733771
2XL	733772

Long Finger
DGU-7052

XS	733773
S	733774
M	733775
L	733776
XL	733777

Championship Gloves

Seamless wrap around Kevlar® reinforced palms and fingers. Superior grip palm prevents rope burn. Wrist closure.

Short Finger
JR DGU-7241
XS-2XL DGU-7242

JR	733826
XS	733778
S	733779
M	733780
L	733781
XL	733782
2XL	733783

Long Finger
DGU-7252

XS	733784
S	733785
M	733786
L	733787
XL	733788

Women's Long Finger
DGU-7262

S	733789
M	733790
L	733791

Pro Gloves

Proton-Ultra™ palm and fingers with wrap construction prevents rope burn. Dura-Grip™ fabric on lower part of palm construction.

Short Finger
DGU-7442

Size	Order#
XS	733792
S	733793
M	733794
L	733795
XL	733796
2XL	733797

Long Finger
DGU-7452

Size	Order#
S	733798
M	733799
L	733800
XL	733801

3-Season Gloves

Amara® reinforced palms and fingers. Reinforcing wraps to topside of hand. Double skin neoprene back. Extended neoprene wrist band for warmth.
DGU-7775

Size	Order#
XS	733814
S	733815
M	733816
L	733817
XL	733818
2XL	733819

LEATHERMAN

Rebar®

Needlenose pliers, regular pliers, replaceable wire cutters, replaceable hard-wire cutters, electrical crimper, wire stripper, knife, serrated knife, saw, awl with thread loop, ruler (8"), can/bottle opener, wood/metal file, Phillips, large and small screwdriver and lanyard ring. LTM-PLIER-REAR **Order# 744780**

LEATHERMAN

Wingman®

Spring-action needlenose pliers, spring-action regular pliers, spring-action wire cutters, 420HC combo knife, package opener, wood/metal file, spring-action scissors, small screwdriver, medium screwdriver, Phillips screwdriver, ruler, bottle opener, can opener, wire stripper. No sheath. LTM-PLIER-WING **Order# 744779**

LEATHERMAN

Sidekick®

Spring-action needle-nose pliers, regular pliers, wire cutters, 420HC knife, 420HC serrated knife, wood/metal file, saw, small and medium screwdriver, phillips screwdriver, ruler (1.5"), bottle opener, can opener, wire stripper, carabiner accessory, and hex bit driver. LTM-PLIER-SK **Order# 744778**

LEATHERMAN

Super Tool 300®

Stainless steel handles and body, all-locking blades and tools, 20HC clip point knife with straight edge, 420HC sheepsfoot serrated knife, needlenose pliers, regular pliers, 154CM removable wire and hard-wire cutters, stranded-wire cutters, wire stripper, electrical crimper, 4 screwdrivers, wood/metal file, saw, bottle opener, can opener, 9" ruler, awl with thread loop. LTM-PLIER-SUER **Order# 735546**

LEATHERMAN

New Wave®

needle-nose pliers, regular pliers, wire and hard-wire cutters, clip-point knife, serrated knife, saw, diamond-coated file, wood/metal file, large and small bit drivers, 2 double end bits, scissors, large screwdriver, bottle/can opener, wire stripper, lanyard attachment, 8" ruler. LTM-PLIER-WAEN **Order# 166507**

LEATHERMAN

Crunch®

Locking pliers that fold away, wire cutters, hard-wire cutters, serrated knife, metal/wood file, ruler, bottle opener, small, medium and large screwdrivers, Phillips screwdriver, hex bit driver, wire stripper and lanyard attachment. LTM-PLIER-CRUN **Order# 139191**

LEATHERMAN

Skeletool™

420HC stainless steel clip point combo straight/serrated knife, needlenose and regular pliers, wire/hard-wire cutters, large bit driver, bottle opener, carabiner clip. Phillips #1 and #2 bit, screwdriver 3/16" and 1/4" bit. Stainless steel body. Outside-accessible blade for one-handed opening. Locking blades and tools. Removable pocket clip. 4" closed. LTM-830846 **Order# 733119**

Spyderco Atlantic Rust Free Rescue Knife

Spyderco

Non-rusting H1 steel, a precipitation-hardened steel containing nitrogen instead of carbon. The hollow-ground blade offers remarkable cutting performance in and around fresh and saltwater. Textured with Volcano Grip, the molded fiberglass reinforced nylon handle is a visible yellow, with a reversible titanium pocket clip for right or left- handed use. 3.687" blade. 8.25" open. SPY-C89SYL **Order# 171694**

Böker Plus Optima Hunting Set

A real do-it-all knife, with interchangeable blades. The handle is made of G-10 epoxy laminate and blades are made of AUS-8 stainless steel. This set comes complete with an interchangeable saw blade, gut hook, and premium belt sheath. Blade length: 3 1/2". Overall length: 8-3/8". BKE-01BO109 **Order# 763844**

Böker Magnum Elk Hunter Knife

A functional and stylish hunting knife with a 440 stainless steel blade and rosewood/root wood combination handle. Includes a dark brown leather sheath. Blade length: 4-1/3". Overall length: 8-5/8". Weight: 5.5 oz. BKE-02GL683 **Order# 760834**

Böker Magnum Lockback Folding Knife

Features handsome, natural wood handle and 440 stainless steel blade. Has sturdy lockback mechanism and lanyard hole. Blade length: 2-3/4". Overall length: 6-1/2". Weight: 3.8 oz. BKE-01GL802C **Order# 760835**

Böker Magnum BMF Folding Knife

Features seatbelt cutter, glass-breaker, serrated blade, and pocket clip. Black coated 440 stainless steel blade, and locks securely with the liner lock mechanism. Blade length: 3-3/8". Overall length: 7-3/4". Weight: 4.8 oz. BKE-01RY770C **Order# 763843**

DAVIS

Deluxe Rigging Knife

Heavy gauge stainless steel, locking marlinspike, shackle key, screwdriver, Dura-edge blade. DAV-1551 **Order# 137999**

CKC COLONIAL™ KNIFE CORP.

U.S. Navy Rigging Knife with Marlinspike

Issued to all U.S. Navy personnel since WWI and still in production today. 3.4" stainless steel blade, 7.5" open overall. CLK-1757 **Order# 733495**

CKC COLONIAL™ KNIFE CORP.

U.S. Navy Rigging Knife with Marlinspike and Serrated Blade

Same as above with serrated blade. CLK-1757S **Order# 759682**

CKC COLONIAL™ KNIFE CORP.

Classic Rigging Knife with Marlinspike

Similar to the U.S. Navy knife above but with a smooth cocobolo handle. CLK-1758 **Order# 733946**

CKC COLONIAL™ KNIFE CORP.

Classic Rigging Knife with Marlinspike and Serrated Blade

Same as above with serrated blade. CLK-1758S **Order# 759683**

Gill

Marine Tool

Titanium coated 420 stainless steel construction. Features liner lock to prevent accidental closure, thumb stud on knife blade for one-handed opening and serrated blade. G10 composite handle for wet and dry grip. Machined 'Gill Grip' provides extra grip. Integrated shackle key, webbing cutter, 8mm spanner, bottle opener, and marlinspike. Includes molded nylon pouch. DGU-MT007 **Order# 756765**

SaberCut Folding Knife

Tough 3mm thick serrated blade made of titanium-coated hardened 440C steel that is rust resistant and holds an edge. Includes a bead-blasted texture on high-density TPR handle for secure grip in all weather conditions and a slotted handle extension for lanyard or other attachment. 2.5" blade length. UST-51162108 **Order# 757178**

Sea Scallop Knife
Used for opening the larger size scallop, it has a stainless steel 8" blade with non-slip 4" handle.

Part#	Handle	Order#
HMS-518-S	Soft	**118737**
HMS-HHS-KNIFE	Hard	**118728**

Scallop Knife
Super stainless steel 2" blade.
RHC-10253 **Order# 128453**

Scalloped Tapered Paring Knife
With 3-1/8" razor sharp high carbon steel blade. White handle. RHC-31612 **Order# 128460**

Crab Meat Knife
Solid one piece stainless steel, the handle is used as a mallet to crack claws and other shell parts.

Part#	Type	Order#
MKM-3131	Straight Blade	**123175**
MKM-3132	Curved Blade	**171610**

Clam Knife
Stainless steel blade with hardwood handle.
RHC-10421 **Order# 128455**

Oyster Knife
High carbon steel 3" blade, white Sani-Safe® handle.
RHC-10493 **Order# 128456**

Accusharp Knife Sharpener
Sharpen knives, (even serrated), cleavers, axes, machetes, and many other cutting tools in 10 seconds. Will not rust and can be cleaned with soap and water or in the dishwasher. FPI-ACCUSHARP
Order# 114703

Mounted Accusharp Knife Sharpener
Mounts easily to cutting boards, kitchen counters, filet boards, workbenches, etc. Diamond honed tungsten carbide sharpening blades are reversible. Will last 5 to 10 years in normal household use. Durable ABS plastic body and stainless steel screws. FPI-004
Order# 168380

SharpNEasy Two Step Sharpener
Features pre-angled coarse and fine ceramic rods that maintain an accurate edge. Lightweight, rubber molded grip and feet for safety. Lanyard hole.
FPI-334 **Order# 739679**

Dexter Boning Knife
High carbon steel, rosewood/mirror finish. Straight 7/8" wide blade.

Part#	Length	Order#
RHC-01660	5"	**128438**
RHC-01880	6"	**128439**
RHC-02130	7"	**128440**
RHC-02150	8"	**128441**

Boning Knife
6" stain-free, high-carbon steel blade. Textured, slip-resistant, easy-to-clean handle withstands both high and low temperatures. Made in USA. NSF Certified.
RHC-01523 **Order# 732440**

Rus Fillet Knife
Flexible, safety style handle. High carbon steel 8" blade. Beech glaze finish. RHC-10351
Order# 128454

Soft Grip Filet Knife
6" stainless steel blade with single stage sharpener. Rapala has combined the famous Rapala flexible blade with a no-slip, soft-grip handle for filleting comfort. Includes sheath and single-stage sharpener.
HEN-BP706SHI **Order# 152146**

Tiger Edge Slicer
8" knife with softgrip handle. RHC-24293
Order# 164215

Sani-Safe Net & Twine Knife
With 3-1/8" razor sharp DEXTEEL blade. Orange handle. Orange handle. RHC-15573
Order# 156255

Serrated Clipper Knife
High friction, soft thermoplastic rubber handle grip. New hi-vis orange molded sheath with belt/button clip and bottom drain hole. 8.25" overall length. 4" serrated blade.
FRO-861F **Order# 731640**

Sea Striker 4" Bait Knife with Sheath
Multi-purpose knife with straight and serrated stainless steel blade. Open sheath exposes notch for cutting line while covering blade. Comfort grip. Assorted colors.
RFA-KNIFE-4 **Order# 761677**

GRUNDÉNS

Gage Deck Knife
Features a sheath with a belt clip and secure clamp so it can be worn in a variety of ways including fastened to the suspenders of bib pants or waders. Has a thin 440 stainless serrated blade with a bigger, easy to hold ergonomic handle. Red/Black
GRD-GTKNIFE **Order# 755234**

Net & Twine Knife
"Little Vicky" 3.25"

Description	Order#
Red, Serrated	**165434**
Red, Non-Serrated	**165433**
Black, Serrated	**177685**

Sheath for "Little Vicky" Knife. Clips to belt. SAB-40993
Order# 165435

Includes Sheath!

Utility/Net Knife with Sheath
High carbon steel 3.5" blade, white Sani-Safe® handle. RHC-15353 **Order# 128459**

Knife Sheath
Hang a knife on your belt or upside down on your foul weather pant suspenders. The unique design allows you to grab the knife, when mounted by the shoulder, and draw it downward away from the face and neck. One hand operation is very useful when tangled in line. Fits 3" serrated utility knife (RHC-15573), 3" serrated knife (RHC-161) and 3.25" serrated knife (SAB-40603).
HML-SHEATH **Order# 749724**

Knife with Cushioned Rubber Handle
HML-KNIFE-M **Order# 172011**

Molded Handle Only
HML-KNIFE-MH **Order# 762605**

Steak Knife
Round tip blade and nylon handle. Serrated.

Part#	Color	Order#
SAB-40504	Red Handle	**166892**
SAB-40503	Black Handle	**166891**

Paring Knife
Stainless steel blades with bright colorful handles inspired by the fruits and vegetables they are designed to slice. Ergonomic, slip-resistant, and dishwasher-safe.

3-1/4" straight edge

Handle	Order#
Green	**759503**
Pink	**759504**
Yellow	**759505**
Orange	**759506**

4" serrated edge

Handle	Order#
Green	**762296**
Pink	**762297**
Yellow	**762298**
Orange	**762299**

Sheep's Foot Paring Knife
3-1/4" paring knife with a wavy blade that features a small red nylon handle which is NSF approved. High quality carbon stainless steel blade.
SAB-40605 **Order# 166889**

YALE Aluminum Fid

Size	Order#
1/4"	**137252**
5/16"	**740516**
3/8"	**137254**
7/16"	**740517**
1/2"	**137256**

Stainless Steel Fids

Hardwood handle and tapered stainless half-rounded hollow core opens rope so that strands can easily be fed through core.

Part#	Size	Order#
HMR-FIDSSS	6-3/4"	**118606**
HMR-FIDSSL	10-3/4"	**118605**

Double Braid Splicing Kit

Includes 5 different sized stainless steel double braid fids. 3/16", 1/4", 5/16", 3/8"-7/16" and 1/2"-9/16". AQB-CSE5097SPL **Order# 748894**

Uni-Fid Splicing Tool

The two tools contained in this kit can be used to splice braids from 1/4" through 1" diameter, at a fraction of the cost of the ten hollow fids usually required to splice this range of sizes. Comes packaged in a durable plastic storage tube, with complete splicing instructions. NE-UNIFID **Order# 125049**

FSE ROBLINE

Orion 500 Mini Spools

Orion 500 is a 16-plait polyester sheathing with 8-plait core, this provides good grip and makes it easy to splice. Used as sheet or halyard.

Part#	Size	Color	Ft/Spool	Order#
FSE-MR2BLK	2MM	Black	98'	**744025**
FSE-MR3BLK	3MM	Black	49'	**744032**
FSE-MR3BLU	3MM	Blue	49'	**744031**
FSE-MR3GRN	3MM	Green	49'	**184034**

FSE ROBLINE

Polyester Whipping Twine

Part#	Size	Color	Ft/Spool	Order#
FSE-TY08BLKSP	.8 MM	Black	262'	**744087**
FSE-TY08GRNSP	.8 MM	Green	262'	**744086**
FSE-TY08RSP	.8 MM	Red	262'	**744084**
FSE-TY08WSP	.8 MM	White	262'	**744088**
FSE-WD1W	1 MM	White	164'	**744040**

FSE ROBLINE

Dinghy Control Line

Combining high strength, low stretch and light weight, Dinghy Control Line is ideal for uses such as main and jib halyards and downhaul/outhaul control lines.

Part#	Size	Order#
FSE-DC3BLU	3 MM	**744021**
FSE-DC4BLU	4 MM	**744022**

Rigging and Splicing Service

We splice most any rope, large or small. 3-strand, single and double braid, core to core, parallel core, 8, 12 & 24 strand. Rope to chain rodes, custom mooring and dock lines to your specs. All rope must be new and unused. Lead time varies. We suggest you plan as much ahead as possible. For more information and pricing, go to hamiltonmarine.com/splicing.

YALE Vizzion™

Vizzion™'s core will not absorb water, eliminating roughly 75% of the elastic stretch seen in other low-stretch yacht braids. It is an ideal alternative to all-polyester lines for halyards, sheets, guys, and control lines. The perfect transition line for the sailor who is looking for a more superior performance than polyester offers, at an affordable price.

Size	Tensile Strength	Black w/ Blue Tracer	White w/ Blue Tracer
1/4"	2100	**148310**	**757666**
5/16"	3200	**148312**	**757669**
3/8"	4300	**148313**	**757671**

New England Ropes

Regatta Lite

A 12-strand single braid made from 100% multi-filament polypropylene. Extremely lightweight, won't absorb water, easy to handle, won't kink and it floats! Ideal for runner tails on large boats; light air sheets for day sailers, dinghy/one design tow line to meet class rules. Teal with red tracer.

Part#	Size	Tensile Strength	Order#
NE-1277-09	3/8"	3200	**143189**

New England Ropes

Endura 12 Dyneema Single Braid Rope

100% HMPE fiber makes this rope 15 times stronger than steel. Extremely high tensile strength, ultra low elongation. Unique Marine-Tech coating enhances its durability, improves its fiber-to-fiber abrasion, and protects it from harmful UV rays. This line floats but does not absorb water.

Size	Tensile Strength	Black	Blue
1/8"	2800 lbs	**745037**	**757678**
3/16"	6050 lbs	**748142**	**757681**
1/4"	9700 lbs	**746151**	**757682**

Sta-Set Yacht Braid

2% stretch 10% tensile strength

A double braided rope that can truly be called a low stretch line. Made from 100% continuous filament polyester fiber, it is prestretched at the factory. Unlike other low stretch braids, it is extremely flexible and handles nicely; easy to splice and long wearing, due to its 50/50 construction. The cover contains the same amount of stock as the core. Ideal for all rope halyards. It performs equally well for sheets and all types of running rigging. Recognizable by the fine red tracer on the surface, it's available in natural white or color coded in red, blue, and green.

White Sta-Set Yacht Braid

Part#	Size	Tensile Strength	Order#
NE-S019	3/16"	1400	**125035**
NE-S025	1/4"	2350	**125036**
NE-S031	5/16"	3850	**125037**
NE-S038	3/8"	5100	**125038**
NE-S044	7/16"	7000	**125039**
NE-S050	1/2"	10,100	**125040**
NE-S056	9/16"	11,700	**125041**
NE-S063	5/8"	16,900	**125042**

Color Coded Sta-Set Yacht Braid

Part#	Size	Tensile Strength	Blue	Green	Red
NE-F019	3/16"	1400	**124998**	**124999**	**125000**
NE-F025	1/4"	2350	**125001**	**125002**	**125003**
NE-F031	5/16"	3850	**125004**	**125005**	**125006**
NE-F038	3/8"	5100	**125007**	**125008**	**125009**
NE-F044	7/16"	7000	**125010**	**125011**	**125012**

Solid Color Sta-Set Yacht Braid

Part#	Size	Tensile Strength	Blue	Green	Red
NE-C019	3/16"	1400	**124953**	**124954**	**124955**
NE-C025	1/4"	2350	**124956**	**124957**	**124958**
NE-C031	5/16"	3850	**124959**	**124960**	**124961**
NE-C038	3/8"	5100	**124962**	**124963**	**124964**

Sta-Set X™ Yacht Braid

1.5% stretch 10% tensile strength

The lowest stretch polyester line available today! The unique design features a low elongating parallel core covered with a soft, easy-on-the-hands braid. The parallel construction means lower inherent stretch than ordinary braid. The initial "stiffness" of Sta-Set X will diminish with use.

Part#	Size	Tensile Strength	Order#
NE-X038	3/8"	5300	**125052**
NE-X044	7/16"	7700	**125053**

YALE ULS Yacht Braid

Ultra Low Stretch!

Best Buy!

Applications: Halyards and sheets. Construction: Core: Braided polyester. Sleeve: 24-strand, two end per carrier polyester. This new version of Yale ULS Yacht Braid double-braid polyester is made with a low angle braided core. Based on polyester fiber advances and this low angle construction, ULS now maintains improved strength and lower stretch. A firm, yet easily spliceable rope that allows for good handling.

Tensile Strength	Size	White	Blue	Green	Red
3600	5/16"	**738962**	**137276**	**137281**	**137270**
4900	3/8"	**738961**	**137277**	**137282**	**137271**
6600	7/16"	**757663**	**137278**	**137283**	**137272**
8400	1/2"	**757664**	**137279**	**137284**	**137273**

Vintage Polyester Sta-Set

Perfect for traditional vessels, high strength, low stretch, extremely durable, yet still remains soft over time. It is also easy to handle and easy to splice. For mainsheets, jib sheets and control lines. Natural color.

Part#	Size	Tensile Strength	Order#
NE-2650-08	1/4"	1700	**742385**
NE-2650-10	5/16"	2700	**742386**
NE-2650-12	3/8"	4500	**742387**
NE-2650-14	7/16"	5600	**758414**
NE-2650-16	1/2"	7500	**742388**
NE-2650-20	5/8"	8500	**742389**

Regatta Braid

The blend of spun and filament polyester gives this single braid the easy handling and supple feel ideally suited for sheets and control lines. The special "S" braid construction provides a line that will not kink when running through blocks. The addition of spun fiber allows excellent gripping both on a winch and in hand. Strength and stretch characteristics are similar to double braided polyester. Regatta Braid is easily spliced.

Part#	Size	Tensile Strength	Order#
NE-1250-10	5/16"	3300	**124929**
NE-1250-12	3/8"	4800	**124930**
NE-1250-14	7/16"	6500	**124931**
NE-1250-16	1/2"	8000	**124932**

Dinghy Tow Rope

A durable, spliceable tow line that floats on the surface of the water for improved visibility. Double braided nylon over polypropylene that is torque free and non-hockling. Easily spliced. Retains strength when wet or dry. Yellow with red or blue fleck.

Part#	Size	Fleck	Order#
NE-2383-12	3/8"	Blue	**173514**
NE-2381-12	3/8"	Red	**173513**
NE-2373-14	7/16"	Blue	**173512**
NE-2371-14	7/16"	Red	**169547**

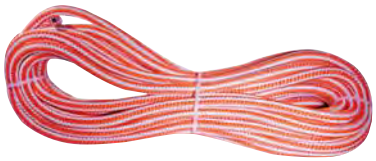
REAL DEALS

IN STORE AND ONLINE!

Come into our stores or visit online for a mammoth selection of mill ends from top, domestic cordage manufacturers. Twisted, single braid, double braid, low to high tech, white, solid and multi-colored. 1/8" to 2". And best of all, save up to 70% off standard prices. Our rope team is busy buying, sorting, and processing mill ends from the best cordage manufacturers in the USA! These are special, high volume purchases at significant disounts, which are passed on to you!

New stock coming in weekly! Check it out at hamiltonmarine.com

Polyester Double Braid
Orange/White 1/2" x 50'
Order# 759963



Polyester Double Braid Safety Rope
White with Blue Core 1/2" x 50'
Order# 760070

Nylon 3 Strand
White 1/4" x 100'
Order# 761473

Nylon 3-Strand
White 7/16" x 100'
Order# 763534

Durastat Polyester Double Braid
White 5/16" x 100'
Order# 762916

Durastat Polyester Double Braid
White 7/8" x 50'
Order# 757981

ON ROPE!

SAVE UP TO 70%!

- 100% Made in the USA
- Top Manufacturers
- First Quality Mill Ends
- 3-Strand, Braided
- Traditional, High Tech
- New Stock Added Weekly

SAMPLE SAVINGS!

White PolyDac 3-Strand
3375 lbs Breaking Strength
5/8" x 50'
Order# 759071

White 3-Strand Extralene
3375 lbs Breaking Strength
3/8" x 100'
Order# 763393

Blue SuperPro 3-Strand
1600 lbs Breaking Strength
1/4" x 100'
Order# 763582

Gray Dyneema Braid
9700 lbs Breaking Strength
1/4" x 50'
Order# 758433

Gray Dyneema Braid
9700 lbs Breaking Strength
1/4" x 100'
Order# 761326

Black Dyneema Braid
35,000 lbs Breaking Strength
7/16" x 50'
Order# 758434

Nylon

3 Strand Premium Nylon

For anchor, dock and mooring lines

The finest nylon available. New England nylon is easy to handle when wet or dry, knots and splices easily, and provides the highest elasticity of any rope construction for anchoring and docking. At 15% of the rope's tensile strength it will stretch 16.5% over its cut length.

White

Part#	Size	Tensile Strength	Order#
NE-N019	3/16"	1200	**125024**
NE-N025	1/4"	2000	**125025**

White

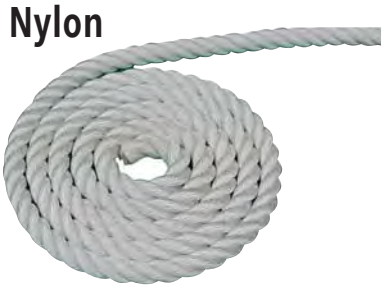
Part#	Size	Tensile Strength	Order#
NE-N031	5/16"	3000	**125026**
NE-N038	3/8"	4400	**125028**
NE-N044	7/16"	5900	**125029**
NE-N050	1/2"	7500	**125030**
NE-N056	9/16"	9,400	**140156**
NE-N063	5/8"	12,200	**125031**
NE-N075	3/4"	16,700	**125032**
NE-N088	7/8"	23,500	**125033**
NE-N100	1"	29,400	**125034**

Black

Part#	Size	Tensile Strength	Order#
NE-N038B	3/8"	4400	**162846**
NE-N050B	1/2"	6800	**140922**
NE-N063B	5/8"	11000	**148784**
NE-N075B	3/4"	16,700	**153829**
NE-N100B	1"	29,400	**152677**

3-Strand Commercial Nylon

Manufactured from high-tenacity white nylon multifilament fiber. Four-stage construction produces a torque-balanced rope with medium lay. Meets or exceeds Cordage Institute and U.S. and Canadian Military weight and strength standards.



Part#	Size	Tensile Strength	Order#
HMR-N025	1/4"	1000	**118626**
HMR-N031	5/16"	2500	**118627**
HMR-N038	3/8"	3700	**118628**
HMR-N044	7/16"	5000	**118630**
HMR-N050	1/2"	6400	**118631**
HMR-N063	5/8"	10400	**118632**
HMR-N075	3/4"	14200	**118633**
HMR-N088	7/8"	17280	**118634**
HMR-N100	1"	25000	**118635**
HMR-N113	1-1/8"	33000	**118636**
HMR-N125	1-1/4"	37500	**118637**
HMR-N150	1-1/2"	53000	**118639**
HMR-N200	2"	92000	**118640**

White-Gold Nylon Braid

~ for anchor and docking ~

This premium double-braid, with its high melting point, outstanding abrasion resistance and high elasticity, exceeds U.S. Navy specifications and provides unsurpassed performance for both pleasure and commercial applications. The strong double-braided construction is enhanced with a high-tenacity core and sleeve. Available in 3/8" to 1" diameters.

Part#	Size	Tensile Strength	Order#
HMR-G038	3/8"	4800	**154555**
HMR-G044	7/16"	6400	**154556**
HMR-G050	1/2"	8300	**154557**
HMR-G063	5/8"	17,000	**154558**
HMR-G075	3/4"	21,000	**154562**
HMR-G100	1"	34,000	**154560**

Shock Cord

CCD-CORD

Order#	Size	Tracer	Ft/Spool
731220	1/8"	Black	1000
162947	3/16"	Black	1000
162948	1/4"	Black	500
162949	5/16"	Grn & Yel	500
162950	3/8"	Black	250
162951	1/2"	Black	100
162952	5/8"	Black	100

YALE

Lugger Line Tow Rope

Lugger Line is a 12-strand, co-polymer single braid. Specifically engineered for tow-boat companies for use as towing bridles, Lugger Line works effectively in all applications requiring a floating, non-rotational, high-strength rope that will not absorb water. Lugger Line is easily spliceable; available in solid orange. *Note: At rest, lugger line is larger than normal size.*

High Strength, Won't Absorb Water and it Floats!

Part#	Size	Breaking Strength	Order#
YAL-7884732R	1/2"	7,850	**736043**
YAL-7884740R	5/8"	10,500	**165944**
YAL-7884748R	3/4"	14,400	**165951**
YAL-7884764R	1"	23,800	**165946**

3-Strand

Polypropylene

General purpose polypropylene rope, monofilament polypropylene fiber, balanced construction, medium lay, good strength/moderate stretch, light weight and buoyant, good abrasion resistance, good UV resistance. Often used on life rings and as a safety throw rope. Available in yellow or black, as sized below.

Black

Part#	Size	Tensile Strength	Order#
HMR-PP025B	1/4"	1270	**118668**
HMR-PP038B	3/8"	2550	**118672**
HMR-PP050B	1/2"	4090	**118676**

Yellow

Part#	Size	Tensile Strength	Order#
HMR-PP019	3/16"	700	**118666**
HMR-PP025	1/4"	1270	**118667**
HMR-PP031	5/16"	1920	**118669**
HMR-PP038	3/8"	2550	**118671**
HMR-PP050	1/2"	4090	**118675**
HMR-PP063	5/8"	6985	**118677**
HMR-PP075	3/4"	9400	**118678**
HMR-PP088	7/8"	12,850	**118680**
HMR-PP100	1"	14,405	**118681**
HMR-PP125	1-1/4"	21,750	**118683**
HMR-PP150	1-1/2"	31,165	**118684**

Polyplus

Premium multi-purpose rope with good dielectric properties. High-tenacity polyester with Pro-Plus core, balanced 4-stage construction, medium lay, good strength/low stretch, good abrasion resistance, excellent UV resistance. This blend of polyester and polypropylene has a polyester "feel" and makes for an excellent, inexpensive general purpose rope. Color: Natural white with tracers.

Part#	Size	Tensile Strength	Order#
HMR-PL038	3/8"	3375	**118655**
HMR-PL044	7/16"	4165	**118656**
HMR-PL050	1/2"	5500	**118657**
HMR-PL063	5/8"	9235	**118658**
HMR-PL075	3/4"	12,125	**118659**
HMR-PL088	7/8"	15,950	**118660**
HMR-PL100	1"	18,750	**118661**
HMR-PL113	1-1/8"	22,550	**118662**
HMR-PL125	1-1/4"	26,800	**118663**
HMR-PL150	1-1/2"	40,625	**118664**
HMR-PL163	1-5/8"	42,150	**151172**

Polyester

For the purist who prefers conventional 3-strand rope. A true spun yarn rope, it has become the standard of the industry nationwide. It is a fine, "soft on the hands," free running rope that resists jamming in blocks or fairleads. Used by sailmakers as a bolt rope, it is offered in solid white.

Part#	Size	Tensile Strength	Order#
NE-PE019	3/16"	1200	**124968**
NE-PE025	1/4"	1330	**124969**

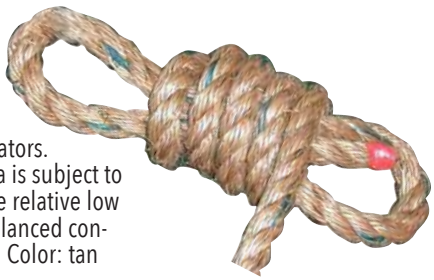
Part#	Size	Tensile Strength	Order#
NE-PE031	5/16"	2000	**167272**
NE-PE038	3/8"	2650	**124971**
NE-PE044	7/16"	3250	**124972**
NE-PE050	1/2"	4700	**174784**
NE-PE063	5/8"	6700	**149002**
NE-PE075	3/4"	10,000	**149615**

Vintage Polyester

Vintage 3-Strand is the perfect compliment for the traditional vessel, has excellent abrasion resistance with low stretch, and high strength and it is easy to splice. Great for halyards and control lines. Very little degradation from sunlight. Can be used outside over long term if inspected regularly. Natural color.

Part#	Size	Tensile Strength	Order#
NE-7000-08	1/4"	1450	**742380**
NE-7000-10	5/16"	2100	**751211**
NE-7000-12	3/8"	3450	**742381**
NE-7000-14	7/16"	4150	**742382**
NE-7000-16	1/2"	6200	**742383**
NE-7000-20	5/8"	8100	**742384**

Manila



General purpose rope. The natural fiber (abaca) appeals to those who want traditional rigging. Also a favorite of landscapers and decorators. Because of the natural fiber, manila is subject to rot. When subject to loads, note the relative low strength compared to polyester. Balanced construction, medium lay, low stretch. Color: tan

Part#	Size	Tensile Strength	Approx.Ft/ Pound	Order#	Ft/ Spool
HMR-M025	1/4"	540	50	**118608**	1200'
HMR-M031SPL	5/16"	900	35	**738622**	850'
HMR-M038	3/8"	1220	23	**118610**	600'
HMR-M050	1/2"	2380	13	**118611**	600'
HMR-M063	5/8"	3960	7.5	**118612**	600'
HMR-M075	3/4"	4860	6	**118613**	600'
HMR-M100	1"	8100	3.5	**118615**	600'
HMR-M125	1-1/4"	12200	2.5	**118616**	600'
HMR-M150	1-1/2"	16700	1.7	**118617**	600'
HMR-M200	2"	28000	1	**118618**	200'

Docklines

Premium Nylon Double-Braided Color Dock Lines

The combination of high grade marine nylon, special torque balanced construction, and a unique stabilization process produces a long wearing, easy-to-handle line that resists kinking. Each dock line has a professionally spliced 12" eye with a heat-sealed bitter end.

Size	Tensile Strength	Black	Blue	Red	Hunter Green	Navy	White/Gold	White
3/8" x 15'	4700 lbs.	160210	160212	160208	160247	160246	124976	160211
3/8" x 20'	4700 lbs.	160214	160215	160217	160249	160248	124977	–
3/8" x 25'	4700 lbs.	160219	160220	160222	160251	160250	124978	160223
1/2" x 15'	8500 lbs.	160224	124980	160226	160253	160252	124979	160227
1/2" x 25'	8500 lbs.	160228	124983	160239	160255	160254	124982	160229
1/2" x 35'	8500 lbs.	160230	148659	160231	160257	160256	124985	160232
5/8" x 25'	13,500 lbs.	160233	160234	160236	160259	160258	124986	160237
5/8" x 35'	13,500 lbs.	141152	151380	160238	160285	160280	124987	160240
3/4" x 25'	19,400 lbs.	160241	160242	160244	160287	–	124988	160245

Double-Braided Nylon Dock Lines

These bright, solid colored docklines are manufactured to specifications that exceed Cordage Institute Standards. Double braid is stronger and more flexible than three-strand. Rock Point offers exceptional quality at a fair price. All docklines have a 12" eye.

Size	Blue	Green	Navy	Red	Black	White/Gold	White
3/8" x 15'	173395	173396	173397	173398	734603	173399	173400
3/8" x 20'	173401	173402	173403	173404	734604	173405	173406
1/2" x 15'	173407	173408	173409	173410	734605	173411	173416
1/2" x 25'	173419	173420	173422	173423	734606	173424	173425
5/8" x 25'	173426	173428	173429	173430	734607	173431	173432
5/8" x 35'	173433	173434	173436	173437	734608	173438	173439

3-Strand White Dock Lines

A long-wearing, flexible and easy-to-handle rope that has greater strength and better abrasion resistance than other three-strand nylon line. The combination of premium-grade nylon, four-stage construction, and a special marine coating results in improved handling, greater chafe resistance, minimal hardening and longer life. Identified by a fine red tracer. Each dock line has a professionally spliced 12" eye with a heat-sealed bitter end.

Part#	Size	Order #
NE-DT3815	3/8" x 15'	124991
NE-DT3825	3/8" x 25'	124992
NE-DT5015	1/2" x 15'	124993
NE-DT5025	1/2" x 25'	124994
NE-DT5035	1/2" x 35'	124995
NE-DT6325	5/8" x 25'	124996
NE-DT6335	5/8" x 35'	124997

Choosing the Right Dockline

Recommendations are for general reference. Boat type and local conditions should be considered when choosing line.

Nylon

Docklines are made from nylon because it is strong, absorbs shock by stretching, and resists abrasion. Three-strand is very elastic and resists snagging, but is not as strong as double braid. The braids also come in colors. Docklines used to permanently moor a boat in its slip should have chafe protection both on the boat and dock side, and should be cut to size.

Length

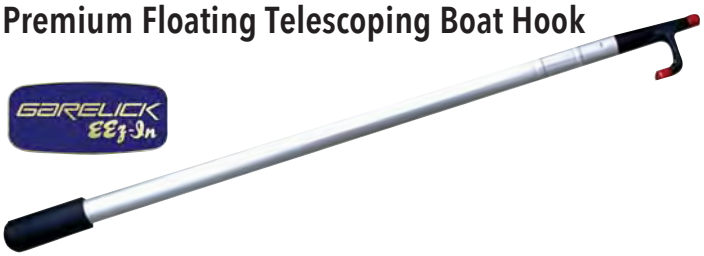
Bow and stern lines should be about 2/3 the boat's length. Spring lines (carry at least two) should equal the boat's length.

Diameter

Use the table below. Larger lines last longer but stretch less.

Boat Length	Up to 26'	27'-36'	37'-45'	46'-52'	53'-62'	63'-72'
Diameter	3/8"	1/2"	5/8"	3/4"	7/8"	1"

Premium Floating Telescoping Boat Hook

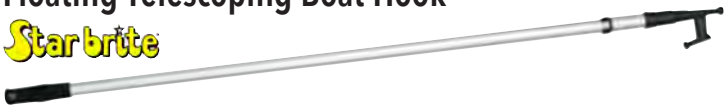


It Floats! Durable, lightweight high-tensile aluminum tube with plastic, wide-gap hook head. Smooth twist lock will not stick or bind. Extends from 3.5' to 8'. GAR-55170 **Order# 115229**

6' Fixed Length Boat Hook

Lightweight, durable aluminum with clear satin finish. Hooks are permanently attached with unique formed dimple. High tensile anodized aluminum tube resists corrosion. Comfortable non-slip vinyl safety grip is permanently attached as a handle. GAR-55006 **Order# 115227**

Floating Telescoping Boat Hook



Extends from 4' to 8' with a special fast-locking cam action. Made of unbreakable, glass reinforced nylon. Special chambers make it float. STA-40609 **Order# 169738**

Fixed Length Boat Hook

Constructed of anodized aluminum for corrosion resistance. Removable hook for mounting attachments such as brushes and mop heads. 5' Boat Hook UNM-50091200 **Order# 175574**

Telescoping Boat Hook

Telescoping pole extends from 53"-92". Anodized aluminum, corrosion resistant, positive non-slip cam lock. Removable hook for mounting attachments such as brushes and mop heads. UNM-50091201 **Order# 173292**

Hook replacement **Order# 173293**

Boat Hook Holder

Stainless steel. Length 4". Width 1". Sold by the pair. SD-491130-1 **Order# 143473 /pair**

Beckson Clipper Clips

Ideal for storing boat hooks, gaffs, mops, flashlights, pumps tools and a variety of accessories. Non-conductive, non-magnetic and non-corrosive, for indoor or outdoor use. 1/8" holes on 3/4" center for all sizes. Require a #6 flat head fastener. Sold in pairs.

Size	Order#
3/4"	**102972**
1"	**102973**
1-1/4"	**102974**
1-1/2"	**102975**
1-3/4"	**102976**
2"	**102977**

Traditional Wooden Boat Hooks

These elegantly crafted boat hooks are available with stainless steel or bronze ends which are set into tapered, native ash poles made here in Maine. Handles are designed to vertically float, should one go overboard.

Polished Stainless Steel

Length	Order#
60"	**739056**
78"	**739057**
94"	**742102**
117"	**742103**

Polished Bronze

Length	Order#
60"	**748855**
78"	**748856**
94"	**748857**
117"	**748859**

Hooks Only

Polished Stainless Steel
1-1/4" hook. 8-1/4" long, 1-13/16" diameter. Takes two #8 fasteners.
Order# 739008

Polished Bronze
1-1/4" hook. 8-1/4" long, 1-13/16" diameter. Takes two #8 fasteners.
Order# 746946

12' Bronze Commercial Boat Hook

Made for the U.S. Navy, USCG and other large vessels requiring a long, high-strength boat hook. Burnished bronze end with 12' native ash, finished handle. Handle has full-length, routed groove (approx. 100" long) to orient the hook.
Order# 742106

ROBSHIP Hook & Moor Boat Hooks

Helps thread a mooring rope through a mooring with ease. Always ready, needs no loading, messenger or guide lines. Works as a regular boat hook when the head is locked.

Part#	Description	Order#
RBS-70889804	2 Meter Adjustable	**749345**
RBS-70889805	3 Meter Adjustable	**749346**

Polyform HTM-Series Fenders

In keeping with the Polyform tradition of quality, the HTM (hole through middle) fender was designed to provide maximum protection in a wide variety of applications. Vertical ribs for extra protection, strength and abrasion resistance. Reinforced tube ends prevent lines from being pulled through if the fender gets caught in a tight spot, and extra wall thickness to resist punctures and tears are just a few of the features this high quality fender has to offer. Even wall thickness for maximum strength. Designed for use in medium duty applications in both permanent protected and unprotected moorings.

Part#	Dia	Length	Color	Order#
POL-HTM1BLK	6"	15"	Black	**742661**
POL-HTM1BLU	6"	15"	Blue	**742662**
POL-HTM1BURG	6"	15"	Burgundy	**742663**
POL-HTM1GRAY	6"	15"	Gray	**753072**
POL-HTM1GRN	6"	15"	Green	**742664**
POL-HTM1NVBLU	6"	15"	Navy Blue	**742665**
POL-HTM1WHT	6"	15"	White	**740552**
POL-HTM2BLK	8.5"	20.5"	Black	**742417**
POL-HTM2BLU	8.5"	20.5"	Blue	**740396**
POL-HTM2BURG	8.5"	20.5"	Burgundy	**742666**
POL-HTM2GRAY	8.5"	20.5"	Gray	**753073**
POL-HTM2GRN	8.5"	20.5"	Green	**742667**
POL-HTM2NVBLU	8.5"	20.5"	Navy Blue	**742418**
POL-HTM2WHT	8.5"	20.5"	White	**740397**
POL-HTM3BLK	10"	26"	Black	**742668**
POL-HTM3BLU	10"	26"	Blue	**172881**
POL-HTM3BURG	10"	26"	Burgundy	**742670**
POL-HTM3GRAY	10"	26"	Gray	**753074**
POL-HTM3GRN	10"	26"	Green	**742669**
POL-HTM3NVBLU	10"	26"	Navy Blue	**742671**
POL-HTM3WHT	10"	26"	White	**172880**
POL-HTM4BLK	12"	34"	Black	**728319**

Shockle Line Snubber

Eliminates shock loads on dock lines, towing lines, tie-downs and preventers. Progressive tension design with internal stretch limiter. 20" long. Black. DAV-2410 **Order# 752716**

Shockle Anchor Snubber

Eases the tension on the anchor chain, rode or snubber line. Eliminates chain noise and shock loads to chain, anchor roller, windlass, cleats. 20" long. Black. DAV-2420 **Order# 752718**

Mini Shockle

Holds up to 300lbs to protect your valuable gear. Ten times stronger than a standard bungee cord. 18" long. Black. DAV-2440 **Order# 752719**

Dock Shockle

Designed for boats up to 40'. Includes two special mini line grabbers for quick and easy attachment. 12" long. Black. DAV-2415 **Order# 752717**

Polyform G-Series Fenders

Even wall thickness for maximum strength and durability. Molded-in ribs for strength and abrasion resistance. Reinforced ropeholds. Unique Polyform valve for years of service.

Inflation Instructions:
Surface valve must be removed with a flat head screwdriver prior to inflation. Hold air source flush with valve and inflate. Correct inflation allows "give". Do not over inflate.

Type	Dia.	Length	Black	White	Navy Blue	Forest Green
G2	4.5"	15.5"	**756657**	**746014**	**746013**	**756658**
G3	5.5"	20"	**168375**	**746016**	**751029**	**756660**
G4	6.5"	22"	**168376**	**746018**	**746017**	**756684**
G5	8.8"	27"	**756689**	**746020**	**751030**	**756690**

Polyform F-Series Fenders

Outstanding quality, heavy duty twin-eye seamless fenders. Rotomolded technology ensures supreme control over the fusion process and guarantees an absolute even wall thickness. Multiple rib-reinforced solid ropehold ensures the highest breaking strength available. Resistant to all weather conditions. Tested in temperatures ranging from -50°C to +60°C. High abrasion resistance, high energy absorption.

Inflation Instructions:
Surface valve must be removed with a flat head screwdriver prior to inflation. Hold air source flush with valve and inflate. Correct inflation allows "give". Do not over inflate.

Part#	Dia.	Length	White w/Blue Top	All Blue
PLM-F01-SM	5"	15"	**752776**	**752775**
PLM-F01-MED	5"	18"	**752778**	**752777**
PLM-F01-LG	5"	21"	**752780**	**752779**
PLM-F1	6"	25"	**176035**	**177456**
PLM-F02	8"	27"	**176036**	**177457**
PLM-F2	9"	25"	**177120**	**177458**
PLM-F3	9"	30"	**176037**	**177459**
PLM-F4	9"	41"	**177121**	**177460**
PLM-F5	12"	30"	**176038**	**177461**
PLM-F6	12"	43"	**176039**	**177463**
PLM-F11	24"	57"	**177122**	**177466**

Shockle Line Grabber

Add a strong, instant attachment point with a simple Prusik knot to any line up to 1". LineGrabbers are 9" long with spliced and sewn loops at each end. Made of UV resistant composite fiber Dynema line.
DAV-2460 **Order# 752720 pair**

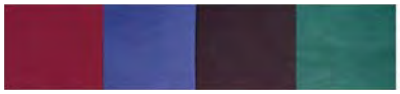
Line Master Mooring Snubber

These snubbers stretch to more than twice their length to absorb shock loads and protect boats, cleats and lines from the strain of wind and waves. Highly resilient EPDM rubber is resistant to sunlight, salt water and ozone. Will not discolor or damage a boat. Unique, injection molded nylon locking system provides 100% safe and secure locking of the line with no hardware required. The harder the line is pulled, the tighter the grip. Keeps boats stable when moored, ideal for overnight trips. Unprecedented 5 year replacement warranty.

Part#	For Line	Order#
FAL-LLM1	3/8"	**113885**
FAL-LLM2	5/8"	**113886**
FAL-LLM3	3/4"	**113887**
FAL-LLM4	7/8" - 1"	**139427**

Polar Fleece Fender Covers

These high-quality, attractive fender covers are made here in Maine. Available in black, blue, green, and burgundy. They look great and protect your boat from rubber and PVC marks.



Size	Burgundy	Blue	Black	Green
6"x15"	**735021**	**123637**	**145530**	**123638**
8"x20"	**735020**	**123641**	**123640**	**123642**
10"x27"	**735022**	**123646**	**123645**	**123647**

Fleece Fender Covers

Designed to fit center rope tube style fenders. Made of 12 oz. Blizzard Fleece, 100% polyester. Reinforced grommet on top with an adjustable tie on opposite end.

Size	Blue	Black
8" x 20"	**173099**	**173097**
10" x 26"	**173100**	**173098**

Fender Whips

3-strand line, spliced. Great for tie downs or dinghy painters. 2-pack.

Size	Eye	Order#
5/16" x 5'	5"	**171896**
3/8" x 6'	6"	**124939**
7/16" x 6'	5"	**175617**

Tidy-Ups™ Fender Adjusters

Quick and simple. Snap over your life-lines or railing and you're ready to use. Holds lines up to 5/8" in diameter.

Part#	Color	Rail	Order#
TAY-1015	White	Standard	**169138**
TAY-1016	Black	Standard	**169139**
TAY-1017	Blue	Standard	**169140**
TAY-1018	White	Large	**169141**

Hand Pump with Adapter

Compact hand pump for quickly inflating fenders, rafts and more.
TAY-1005 **Order# 133573**

Fender Height Adjuster

Raises or lowers fenders with ease. Automatically locks in place at desired height. Handles hollow lines up to 1/2" and solid braid up to 3/8".
GAR-71080 **Order# 115257**

Fender Hook

Chrome-plated zinc. I.D. eye: 3/8". O.D. Flange: 1.5". Use #8 mounting screw. 2 per card. 5 year warranty. PKO-1299DPCHR **Order# 126848**

Lifeline Fender Clips

Injection molded polyethylene. Mount securely to your 3/16" -1/4" lifelines. Use on 3/16"- 1/4" Rope. TAY-1096
Order# 169136

Fender Hook

Chrome plated brass. 1-9/16"L x 1-3/16"W, 3/8" hook. Uses two #8 mounting screws. Sold by the each. WTC-S0977BC
Order# 734050

Snap-Type Fender Hook

Chrome-plated zinc. 2 per card. Max. rope size: 1/4". Use #6 mounting screws. Five year warranty.
PKO-1309DPCHR **Order# 126852**

Rail Fender Hanger

Made from injection molded, high impact and UV-resistant nylon. Adjusts fender height and locks in place with a jam cleat - no knots. Uses 1/4"to 1/2" line.

Part#	Rail	Order#
TAY-1108	1"	**169129**
TAY-1109	1.25"	**169132**

Rail Mount Fender Mate

Clamps securely onto both 7/8" and 1" round tubing or 3/16" and 1/4" life line wire. Double locking action locks clamp onto rail or wire and still allows full adjustment of the height of the fender. Sold by the pair only.
SD-327200-1 **Order# 158043**

Rail/Lifeline Fender Bracket

Injection molded nylon clamp brackets mount securely to 7/8"-1" railings or up to 1/4" lifelines. Uses 1/4"- 5/16" rope. TAY-1097
Order# 169137

Fender Lock and Peg

Stainless Steel. "One-way" locking peg provides secure and reliable mounting and allows the use of up to 1/2" rope. TAY-1001
Order# 169128

Quick Release Fender Lock

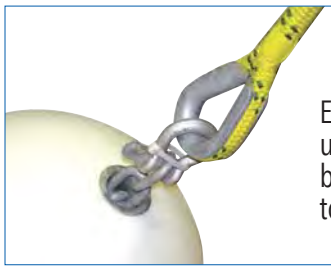
Ensures that lines remain at the optimum length with the mounting pin attached. At the dock, you simply insert the pin into the fitting and your boat is protected, with the fenders their ideal position. 7/8" eye. TCO-F16-0151-1
Order# 761279

Stainless Steel Fender Lock

Traditional low profile fender lock base. Includes nylon peg and mounting screws.
TAY-1010 **Order# 133577**
Extra Peg **Order# 133576**

MOORING SYSTEMS

Here in Maine, where everyday tides reach twelve feet, many harbors have rough exposures and different coastlines from high to low tide. To accommodate this, most work and pleasure boats are moored rather than docked. The most reliable mooring systems are those tested by time and gradually improved through technology. Below, you will see what we have found works best in mud bottoms. Always check with your local harbormaster for type recommendations. In Maine, all harbors are unique and need local knowledge for the best system.



Example of hardshell hook-up. No swivel required at buoy. Place swivel between top and bottom chain.

Start at the bottom.....

ANCHORS
Pound for pound, cast iron or steel mooring anchors, such as mushrooms or the Dor-Mor pyramids, are far superior to granite or concrete blocks in mud bottoms. Concrete loses nearly half its weight in water, granite over a third; cast iron and steel weigh-in with about a 14% loss of weight in water. In addition, the digging properties of mushrooms and pyramids in mud bottoms increase their holding power. A rule of thumb for choosing metal mooring anchor weight in mud bottoms is 10-20 pounds per foot of boat.

HEAVY (BOTTOM) CHAIN
A good chunk of heavy chain (it need not be galvanized) is a crucial component of the mooring system. It will set and hold the anchor properly, create a catenary curve in the rode and absorb the shock of sudden, hard pulls. The length of heavy chain should be 1.5 times the maximum depth of the water at high tide.

LIGHT (TOP) CHAIN
Galvanized chain is recommended for the top and should equal the maximum depth of the water at high tide plus 5 feet. We strongly recommend long-link mooring chain which allows for efficient use of shackles. 3/8" to 1/2" are common sizes for boats 20' to 45' in length.

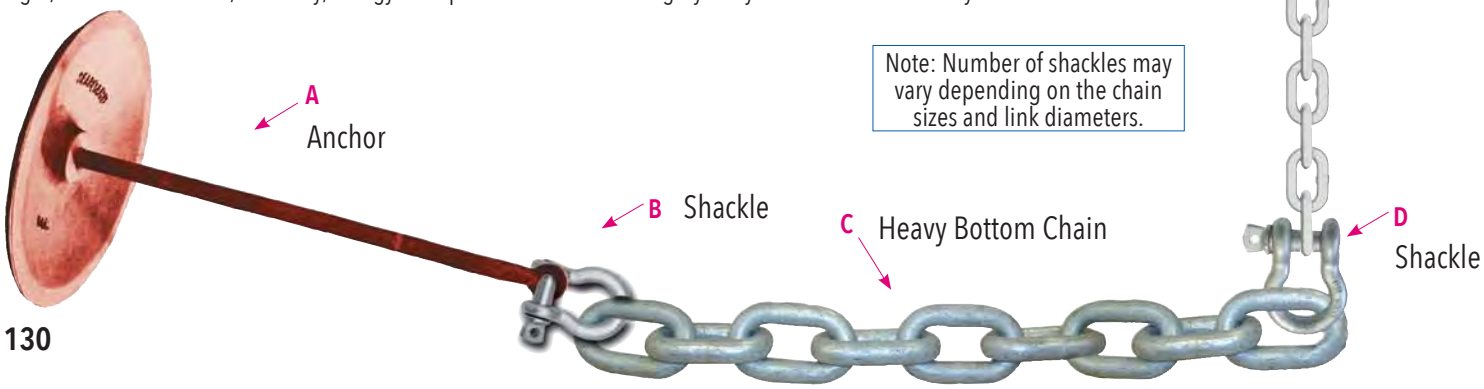
SHACKLES
To avoid weak linkage use shackles a size larger than that of the chain to which you are connecting. All shackles should be safety wired with .041" stainless steel safety wire.

Note: The illustration shows a buoy shackle, not an anchor shackle, for use with an inflated mooring buoy. The buoy shackle easily fits the eye of the buoy and comes with a PVC bushing which protects the buoy eye. Its width also has the advantage of accommodating the swivel. *The buoy shackle is designed to hold the buoy only, not the ground tackle and your boat! It is crucial that the chain and mooring pendant are fastened to the swivel not the buoy shackle*. That way, should the buoy shackle fail, you will lose only the buoy. Your boat will remain safely secured to the mooring.

SWIVELS
A swivel placed between the mooring buoy and top chain works better than one between the top and bottom chain. It is also easier to inspect for wear. Use an eye to eye (not eye to jaw which is held together with a small cotter pin) swivel, two sizes larger than your top chain.

BUOYS
Given their relative low costs and rugged construction, air inflated net buoys comprise most of our sales. They last a long time if not punctured. If ice or vandals are a problem in your area, consider a hardshell.

PENDANTS
Generally speaking, the length should be a minimum of three times the height of your bow off the water. While three strand nylon is still a reliable choice, we recommend double-braided mooring pendants for their superior strength, abrasion resistance, flexibility, energy absorption and structural integrity. They will not hockle or "unlay".



Note: Number of shackles may vary depending on the chain sizes and link diameters.

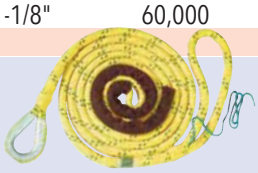
1. Choose Your Mooring Tackle and Top Chain

Based on your boat length in the blue column, choose your tackle and top chain. Column letters refer to illustration on the previous page. These guidelines apply to reasonably protected harbors in winds up to 60 mph. Always consult your local harbormaster.

Boat Length	A Mushroom Anchor (lbs)	B Shackle to Mushroom	C Bottom Chain	D Shackle to Bottom Chain	E Top Chain	F Shackle to Swivel	G Swivel	H Shackle to Pendant	I Pendant Break Strength (lbs)
–	25	5/8" / 1/2"	3/8"	–	3/8"	1/2"	1/2"	1/2"	8000
–	50	5/8" / 1/2"	3/8"	–	3/8"	1/2"	1/2"	1/2"	8000
–	75	5/8"	5/8"	1/2"	3/8"	1/2"	5/8"	1/2"	10,000
–	100	5/8"	5/8"	1/2"	3/8"	1/2"	5/8"	1/2"	10,000
up to 15'	150	3/4"	5/8"	1/2"	3/8"	1/2"	5/8"	1/2"	12,000
up to 20'	200	3/4"	3/4"	1/2"	3/8"	1/2"	5/8"	1/2"	17,000
up to 25'	250	3/4"	3/4"	5/8"	1/2"	5/8"	3/4"	5/8"	23,000
up to 30'	300	7/8"	3/4"	5/8"	1/2"	5/8"	3/4"	3/4"	29,000
up to 35'	350	7/8"	1"	5/8"	1/2"	5/8"	3/4"	7/8"	40,000
up to 40'	400	7/8"	1"	3/4"	5/8"	3/4"	7/8"	1"	50,000
up to 45'	500	7/8"	1"	3/4"	5/8"	3/4"	7/8"	1-1/8"	60,000
–	600-800	1"	1"	3/4"	5/8"	3/4"	7/8"	1-1/8"	60,000
–	over 1000	call for specific design considerations							

Calculating Length:
Bottom Chain = 1.5 times the depth of water at high tide
Top Chain = Depth of water at high tide plus 5 feet.
Pendant = Minimum of 3 times the height of your bow off the water.
Maximum, length of waterline.

Except for 1", all chain mentioned is "Mooring Chain"



2. Mooring Buoyancy Required

This table calculates the size buoy (based on buoyancy) you will need to float the top chain and tackle.
Buoyancy required includes normal ground tackle.

Top Chain		Depth of water at High Tide (ft.) 10'	15'	20'	25'	30'	35'	40'	45'	50'	55'
3/8"	Buoyancy Required (lbs)	22	30	37	45	52	60	67	75	82	90
1/2"	Buoyancy Required (lbs)	41	54	67	80	93	106	119	132	145	158
5/8"	Buoyancy Required (lbs)	–	82	101	120	139	158	177	196	215	234

3. Choose Your Buoy

Refer to blue buoyancy column below and choose the proper buoy, shackle and collar (if necessary).

Refer to previous page for placement

For additional colors see page 135

Buoyancy (lbs.)	Buoy	**White Order#**	Dia.	Circum.	J Shackle to Buoy	Mooring Collar
10	JIM-BUOY Hardshell w/Eyebolt (Hard)	**734104**	12"	38"	Swivel Included	
14	Polyform A1	**160629**	12"	36"	HM-MS063	
23	JIM-BUOY Hardshell w/Eyebolt (Hard)	**734105**	15"	47"	Swivel Included	
33	Polyform A2	**160631**	15"	48"	HM-MS063	
45	JIM-BUOY Hardshell w/Eyebolt (Hard)	**144254**	18"	57"	Swivel Included	
50	Taylor SUR-MOOR Shackle Buoy (Hard)	**169122**	18"	57"	5/8"	TAY-33025
60	Polyform A3	**160633**	18"	58"	HM-MS063	
80	Taylor SUR-MOOR Taper Buoy (Hard)	**166281**	24"	75"	5/8"	TAY-33025
95	Polyform A4	**732203**	22"	68"	HM-MS063	
100	Jim-Buoy 4403-T-2.5 (Hard)	**156317**	24"	75"	5/8"	TAY-33025
100	Jim-Buoy 4403-T-3 (Hard)	**143889**	24"	75"	3/4"	TAY-33028
104	Jim-Buoy 4202-T-2.5 Pendant Buoy (Hard)	**736573**	18"	57"	5/8"	TAY-33025
195	Polyform A5	**734779**	28"	87"	HM-MS063	
200	Jim-Buoy 4404-T-3 (Hard)	**141858**	30"	94"	3/4"	TAY-33028
460	Jim-Buoy 4203-T-2.5 Pendant Buoy (Hard)	**736576**	24"	75"	5/8"	TAY-33025
390	Polyform A6	**160640**	34"	107"		1" or HM-MS063
240	Jim-Buoy 4204-T-3 Pendant Buoy (Hard)	**736580**	30"	94"	3/4"	TAY-33028

The above recommendations are for reference only. Requirements vary considerably depending on boat design, harbor conditions and type of bottom. Always consult your local harbormaster. The mushroom anchor manufacturer recommends ten lbs. of mushroom for every foot of boat length, for winds up to 60 MPH. For open harbors, poor holding ground, hurricane or winter moorings, always increase mushroom, chain and pendant size and scope.

3-Strand Nylon Mooring Pendants

Constructed from New England Rope's finest nylon, this long-wearing, flexible 3-strand pendant is treated with Marine Tech coating to increase wet strength and improve fiber to fiber abrasion. Heavy-duty galvanized thimble is factory spliced and whipped onto the mooring end. Boat end has factory spliced and whipped eye with choke line and polyester chafe sleeve.

Part#	Size	Eye Size	Approx. Break Strength	Order#
NE-MP06312TN	5/8" x 12'	12"	12,200 lbs	**172978**
NE-MP06315TN	5/8" x 15'	12"	12,200 lbs	**172979**
NE-MP07512TN	3/4" x 12'	15"	11,650 lbs	**172980**
NE-MP07515TN	3/4" x 15'	15"	16,700 lbs	**172981**
NE-MP07520TN	3/4" x 20'	15"	17,150 lbs	**172982**
NE-MP10020TN	1" x 20'	24"	27,700 lbs	**172983**

New England Ropes

Small Boat Mooring Pendants

1/2" line for light duty mooring applications. Recommended for boats up to 17' only.

Size	Order#
6'	**118187**
8'	**144981**
10'	**118189**

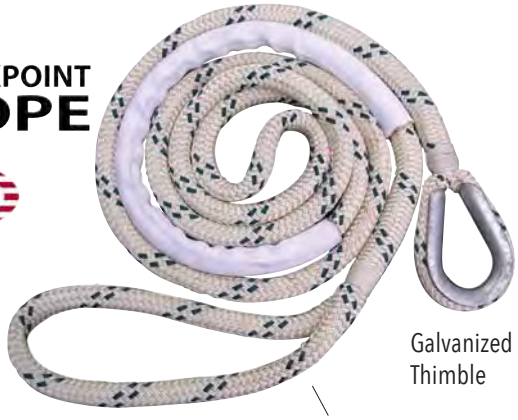
Poly Nylon Double Braid Mooring Pendants

Built to Cordage Institute standards, this premium nylon core/polyester sheath double braid offers excellent strength, high energy absorption, exceptional resistance to abrasion and kinking. Professional factory spliced and whipped. Heavy-duty galvanized thimble on the mooring end and eye on the boat end. The line is completely urethane coated for UV and marine growth resistance. Tough polyester chafe guard protects high chafe area.

Part#	Size	Eye Size	Approx. Break Strength	Order#
HM-MP05012PNB	1/2" x 12'	12"	8,500 lbs	**173376**
HM-MP05015PNB	1/2" x 15'	12"	8,500 lbs	**173377**
HM-MP06310PNB	5/8" x 10'	12"	12,600 lbs	**173378**
HM-MP06312PNB	5/8" x 12'	12"	12,600 lbs	**173379**
HM-MP06315PNB	5/8" x 15'	12"	12,600 lbs	**173380**
HM-MP06320PNB	5/8" x 20'	12"	12,600 lbs	**173381**
HM-MP07512PNB	3/4" x 12'	15"	17,500 lbs	**173382**
HM-MP07515PNB	3/4" x 15'	15"	17,500 lbs	**173383**
HM-MP07520PNB	3/4" x 20'	15"	17,500 lbs	**173384**
HM-MP07525PNB	3/4" x 25'	15"	17,500 lbs	**173385**
HM-MP08820PNB	7/8" x 20'	15"	23,500 lbs	**173386**
HM-MP10015PNB	1" x 15'	18"	30,000 lbs	**173387**
HM-MP10020PNB	1" x 20'	18"	30,000 lbs	**173388**
HM-MP10025PNB	1" x 25'	18"	30,000 lbs	**173389**
HM-MP12520PNB	1-1/4" x 20'	24"	50,000 lbs	**173413**
HM-MP12525PNB	1-1/4" x 25'	24"	50,000 lbs	**173390**
HM-MP12535PNB	1-1/4" x 35'	24"	50,000 lbs	**173391**

ROCKPOINT ROPE

MADE IN THE USA



Clear urethane coated for UV and marine growth resistance.

Maxi-Moor™ II Super Strength Mooring Pendants w/Stainless Steel Thimble

Yale's Maxi-Moor II pendants give you added wear protection with the use of new PET fiber for up to double the abrasion resistance and standard yellow MaxiJacket™ urethane coating for more wear protection and high visibility. Stainless Steel thimble on one end and a soft eye on the other with a tag line. A moveable chafe sleeve is installed to allow adjustment based on choke position.

Part#	Size	Eye Size	Approx. Break Strength	Order#
YAL-MPS05012BP	1/2" x 12'	12"	10,800 lbs	**742985**
YAL-MPS05016BP	1/2" x 16'	12"	10,800 lbs	**743012**
YAL-MPS06312BP	5/8" x 12'	15"	17,000 lbs	**743016**
YAL-MPS06316BP	5/8" x 16'	15"	17,000 lbs	**743018**
YAL-MPS06320BP	5/8" x 20'	15"	17,000 lbs	**743019**
YAL-MPS06326BP	5/8" x 26'	15"	17,000 lbs	**743020**
YAL-MPS07512BP	3/4" x 12'	15"	20,800 lbs	**743021**
YAL-MPS07516BP	3/4" x 16'	15"	20,800 lbs	**743022**
YAL-MPS07520BP	3/4" x 20'	15"	20,800 lbs	**743023**
YAL-MPS07526BP	3/4" x 26'	15"	20,800 lbs	**743024**
YAL-MPS08816BP	7/8" x 16'	18"	31,000 lbs	**743025**
YAL-MPS08820BP	7/8" x 20'	18"	31,000 lbs	**743026**
YAL-MPS08826BP	7/8" x 26'	18"	31,000 lbs	**743027**
YAL-MPS10016BP	1" x 16'	18"	44,000 lbs	**743028**
YAL-MPS10020BP	1" x 20'	18"	44,000 lbs	**743029**
YAL-MPS10026BP	1" x 26'	18"	44,000 lbs	**743030**

YALE

Made in Maine!

Mooring Pendants can be custom-made in lengths and sizes up to 2" diameter.

Part#	Size	Eye Size	Approx. Break Strength	Order#
YAL-MP12520B	1-1/4" x 20'	18"	65,000 lbs	**137508**
YAL-MP12525B	1-1/4" x 25'	18"	65,000 lbs	**137509**
YAL-MP12530B	1-1/4" x 30'	18"	65,000 lbs	**737080**
YAL-MP12535B	1-1/4" x 35'	18"	65,000 lbs	**137512**

YALE

Chafe Guard

Don't lose your boat in a storm due to lack of chafe guard!

- Superior abrasion resistance
- Prevent wear and tear on your mooring and dock lines
- Easily fits through chocks, will not split or rot in the sun
- Polyester textile, NOT PVC, vinyl or rubber

Part#	Description	Order#
PMP-CG58100	3/8"-5/8" Lines	**154483**
PMP-CG5818	3/8"-5/8" Lines, 18" Long, 2 pack	**154482**
PMP-CG1100	3/4"-1" Lines	**154484**
PMP-CG125BU	1-1/4" Lines	**154485**

Removable Chafe Guard

- Ideal for anchor lines, power cords and pre-spliced eyes
- Polyester Velcro® provides easy and secure installation when you can't use a permanent installation

Part#	Description	Order#
PMP-RCG5814	For 3/8"-5/8" Lines, 16" Long	**154486**
PMP-RCG114	For 3/4"-1" Lines, 16" Long	**154488**

Cyclone Endura Mooring Pendants

Assembly Instructions:

1. Take the soft eye of nylon pennant and pass thru one eye of cyclone pennant.

2. Pass 2nd eye of cyclone pennant thru eye of nylon pennant.

3. Pull tight to create hitch

Made from New England Rope's Endura-12 rope, which uses the latest Dyneema™ fiber, resulting in a pennant that has extremely high tensile strength and ultra low elongation. When coupled with a nylon-mooring pennant, the cyclone pennant configuration provides the low stretch and abrasion resistances where you need it, at the chock; and stretch where you need it, in the standing part of the rope. By eliminating friction at the chock it reduces heat-generated failures. While stretch in the standing part of the rope provides shock absorption to protect your hardware. The added benefits of the Cyclone™ are that Endura-12 is very flexible, light weight, does not absorb water, and floats; thus making it easier for your crew to retrieve and secure the mooring.

Part#	Size	Tensile Strength	Order#
NE-MPC05006	1/2" x 6'	34,300 lbs	**737062**
NE-MPC06305	5/8" x 5'	58,000 lbs	**737063**
NE-MPC07506	3/4" x 6'	69,000 lbs	**737064**
NE-MPC07508	3/4" x 8'	69,000 lbs	**737065**
NE-MPC07512	3/4" x 12'	69,000 lbs	**737066**
NE-MPC10020	1" x 20'	115,900 lbs	**737069**

Mooring Line Float Kit

Simple to install. Helps prevent mooring pendant from wrapping around top chain and chafing. Kit includes: 6' of extra thick closed cell foam flotation, application tape, 3' of anti-slip webbing, one cable tie and easy-to-install instructions.

Part#	Fits Line	Order#
HMI-FLOATKIT.5	1/2"	**742610**
HMI-FLOATKIT75	3/4"	**742611**
HMI-FLOATKIT1	1"	**742612**
HMI-FLOATKIT25	1-1/4"	**742613**

* Kit does NOT include mooring pendant.

Black Nylon Chafe Guard

Part#	Line Size	Order#
HM-CGBMP106	up to 1/2"	**731464**
HM-CGBMP116	1/2" - 3/4"	**731465**
HM-CGBMP128	7/8" - 1"	**731466**
HM-CGBMP218	1-1/4" - 1-1/2"	**731467**
HM-CGBMP408	2-1/2"	**731469**

Spiroll Chafe Guard

New!

Spiroll Rope Protectors employ a unique patent pending technology whereby the devices rugged polyurethane material wraps snugly around a rope several times to secure itself in place. Spiroll Rope Protectors are easily placed anywhere on a rope and then slid into the desired location. They will not slide down a rope and do not need to be tied off

Rope Size	Length	Orange	Black
5/16" - 5/8"	16"	**761710**	**761709**
3/4" - 1"	24"	**761712**	**761711**

Chafe-Pro Yacht Series Chafe Guard

Single layer of heavy-grade black nylon. The Barracuda differs in design from the 98Y series by its dimensions and materials used. This model has an outer layer of blue colored marine-grade polyester and an inner layer of our heavy-grade black nylon. All models are downward compatible to line sizes and all dimensions are nominal.

Part#	Rope Size	Length	Order#
CPR-0598Y14	3/8" - 3/4"	14"	**740565**
CPR-0698Y16	3/8" - 1"	16"	**740568**
CPR-BARRACUDA	3/4" - 1-1/2"	18"	**740569**

Chafe-Pro Commercial Series Chafe Guard

Constructed of multiple layers of specially formulated and designed heavy-duty nylon weaves. The layering technique is designed to provide maximum flexibility and ease of application, and also provide long chafe-resistant service. Typical application includes use in mooring/anchoring and towing operations. Designed specifically for the USCG and US Navy 20 years ago and was patented as the first removeable anti-chafe device. All dimensions are nominal. Chafe guard is 24" long and fits rope 1"-2".
CPR-08HB02 **Order# 740570**

SEADOGLINE Chafe Gear Kit

10" long leather chafe gear. Each set includes waxed twine and a needle for sewing. Leather color may vary. Sold by the pair.

Part#	Rope Size	Order#
SD-561012-1	1/2"	**142518**
SD-561016-1	5/8"	**142519**
SD-561019-1	3/4"	**142520**

Sash Cord

#8 cotton polyester blend.
Sold by the foot or 1000' reel.
HMR-SASHCORD **Order# 118689**

Monkey Fist

Used for heaving line. Polypropylene.
Approximately 25" long. Weighs 1 pound.
HM-MONKEYFIST **Order# 167612**

JIM-BUOY® Hardshell Mooring Buoys

The Jim Buoy Premium Mark V mooring buoy utilizes one of the toughest plastics available today...CJ-37. This fantastic plastic provides a rock hard shell that is absolutely seamless and almost indestructible! The core is 3 lbs of high density urethane foam. 2.5" or 3" center tube for chain.

2.5" Tube Accepts up to 5/8" Chain
3" Tube Accepts up to 3/4" Chain

For Buoys with Eyebolts: Eyebolts are permanently bonded inside buoy preventing wear and eventual loss of flotation.

Part#	Size	Eyebolt	Tube Dia	Mooring Buoyancy	Order#
CAL-4400	12"	yes	.5"	10 lbs	**734104**
CAL-4401	15"	yes	.5"	23 lbs	**734105**
CAL-4402	18"	yes	.5"	45 lbs	**144254**
CAL-4403-T-2.5	24"	no	2.5"	100 lbs	**156317**
CAL-4403-T-3	24"	no	3"	100 lbs	**143889**
CAL-4404-T-3	30"	no	3"	200 lbs	**141858**

JIM-BUOY®

Pendant Buoys

High density polyethylene shell. Keeps mooring/pendant line dry. Protects boat from contact with mooring hardware. Won't roll over. Stackable. Lifting grips.

Part#	Size	Tube Dia	Buoyancy	Order#
CAL-4202-T-2.5	18"	2.5"	105 lbs	**736573**
CAL-4203-T-2.5	24"	2.5"	240 lbs	**736576**
CAL-4204-T-3	30"	3"	460 lbs	**736580**

Mooring Buoy Collars

Part#	Tube Dia.	Tube I.D.	Order#
TAY-33020	2"	1-11/16"	**145174**
TAY-33025	2-1/2"	2-3/16"	**133680**
TAY-33028	3"	2-3/4"	**170558**

Moor-Pro™ Mooring Buoy Collars

Made from durable polymer. Rounded edge prevents fraying.

Part#	Tube Dia.	Tube I.D.	Order#
CAL-4001	2"	1-7/8"	**733600**
CAL-4002	2-1/2"	2-1/4"	**733601**
CAL-4003	3"	2-13/16"	**733602**

Sur-Moor™ Hardshell Taper Mooring Buoy

Taper design increases flotation at the waterline, creating higher visibility. Resistant to ice freeze up. UV protected hard-skin resists weathering. Reflective tape stripe. EPS closed-cell foam filled. Will not water log.

Part#	Order#	Dia.	Tube	Buoyancy
TAY-46718	**173157**	18"	2.5"	35 lbs
TAY-46724	**166281**	24"	2.5"	80 lbs

Sur-Moor™ Shackle Buoy

"Rope nest" design features built-in cup shape at the top that allows the anchor shackle to nest below the buoy surface. Recessed area helps shield the shackle from contacting the boat hull. Hard-skin polyethylene shell is UV protected. Tube-through-the-center design with blue reflective tape striping. EPS closed-cell foam filled. Will not water log. 18" diameter. 2.5" tube diameter. 50 lbs buoyancy. TAY-46818 **Order# 169122**

JIM-BUOY®

Regulatory Buoys

High-density polyethylene shell. 2-3 lb density internal polyurethane foam. Reinforced concrete ballast. Designed to float with 35-40 lbs. of chain or equivalent weight

	Part#	Height x Can Dia. X Base	Order#
A.	CAL-427-R	45" x 10" x 21"	**105232**
B.	CAL-425R	59" x 12" x 13"	**105227**

Solar Powered Marker and Buoy Lights

Lights have 3 mode settings: Steady on, slow flash (15 times per minute) and fast flash (60 times per minute). Weatherproof and shock resistant. Not USCG Approved.

Color	Order#
Amber	**742372**
Red	**742374**
White	**742375**
Green	**742373**

Red Nun Buoy

10" x 44" with 19" dia. base.
CAL-427-N **Order# 105231**

Polyform U.S.

Inflatable Mooring Buoys

High quality, durable materials. Unique vinyl valving system. Consistent wall thickness. Polyform US achieves excellence through superb design and continuous research and development.

*** Mooring Buoyancy**
Mooring buoyancy indicates the approximate weight a mooring buoy will float with the upper half of the buoy remaining above the waterline. You need a buoy with enough buoyancy to float the top chain and its tackle. To calculate required buoyancy, add total chain weight and tackle.

Part#	Dia. x Length	Circum.	Buoyancy*	Red	White
POL-A0	8" x 12"	28"	7 lbs	**160626**	**160627**
POL-A1	11" x 15"	36"	14 lbs	**160628**	**160629**
POL-A2	15" x 20"	48"	33 lbs	**160630**	**160631**
POL-A3	17" x 23"	58"	60 lbs	**160632**	**160633**
POL-A4	21" x 27"	68"	95 lbs	**160636**	**732203**
POL-A5	27" x 36"	87"	195 lbs	**160638**	**734779**

IMS ISLAND MOORING SUPPLIES

Hamilton Marine Exclusive
Special Coated Sticks. No Glass Splinters!

Best Buy!

A.

B.

C.

A. Deluxe Mast Buoy
Poly-coated shaft, no splinters. 1/4" fiberglass rod with coating, makes 3/8" total diameter. 5" x 11" bullet body.

Length	Order#
4'	**163136**
6'	**163137**
8'	**163139**

B. Ultimate Mast Buoy
Sealed PVC float. Poly-coated shaft, no splinters. 3/8" fiberglass pole, 1/2" with coating. 5" x 11" bullet body.

Length	Order#
4'	**172829**
6'	**172830**
8'	**172831**

C. Ultimate Acorn Mast Buoy
Sealed PVC float. Poly-coated shaft, no splinters. 3/8" fiberglass pole, 1/2" with coating. 7" x 7" acorn body.

Length	Order#
6'	**732947**
8'	**732948**
10'	**732949**

Mooring Buoy Paint
Bright blue for PVC buoys. 8 oz.
HM-MB41018 **Order# 147934**

Uni Paint Broad Paint Markers
Oil-based, valve-action pen that makes glossy, opaque matings on light or dark surfaces.
GWW-JUMBOM

Color	Order#
Black	**758774**
Blue	**762278**
Red	**762277**
White	**762276**

Rubberized Paint Markers
TDV-PA60

Color	Order#	Color	Order#
Black	**166247**	Red	**166251**
Blue	**166248**	White	**166252**
Gray	**166249**	Yellow	**166253**
Orange	**166250**	Pink	**168065**

Polyform U.S.

Inflatable Pick Up Buoys
Made of high quality PVC and featuring a strong ropehold. 9" Diameter. 3/8" eye.
POL-WS1

Red	Yellow	Green
728935	**728937**	**728936**

Hard Plastic Pick Up Buoys
Lightweight buoy for inshore use. 5.9" diameter. Ideal for the end of a mooring line for easy pick-up. PLM-PE3

Red	White
728932	**728933**

Sully Stick™ Winter Stick

Heavy duty, designed to resist ice build-up. Ideal for exposed harbors with frequent ice. 80" x 6" (widest point). Base contains 10 lbs of ballast and has an eyelet reinforced with a galvanized bushing 1-5/8" in diameter. Eye takes up to 3/16" dia. chain. There is also an eye at the top for easy retrieval. Blue reflective tape stripe. Approx. buoyancy of 40 lbs. Weighs 14 lbs.

80" for longer and heavier chain lengths

TAY-22140 **Order# 169121**

31" for shorter and lighter chain lengths

TAY-22120 **Order# 729560**

ACCO IS LONGER & STRONGER!

PEERLESS
A XITO GROUP COMPANY

Oversize Link Diameter = Longer Chain Life

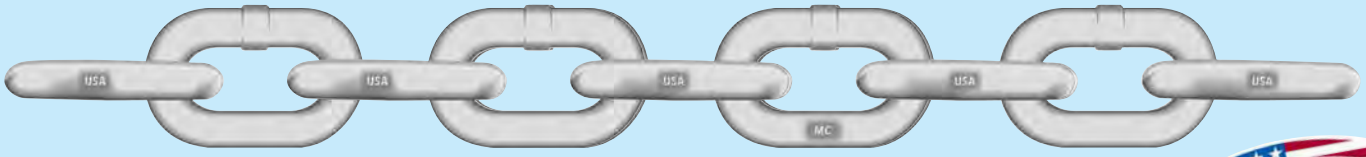
ACCO wire diameters actually exceed their nominal size! For example, 1/2" ACCO Mooring Chain uses a wire .519 inches in diameter. This means a stronger, longer-lasting mooring for your boat. Compare ACCO specs to other chain and see the difference.

Long Oversized Links, Hot Galvanized

Simplifies Mooring Construction!

Long-links allow you to reduce the number of shackles and attach them anywhere on the chain. Embossed "MC"every 8-10 links. Made in the USA.

High Strength Grade 43 Mooring Chain



** WARNING: Working Load Limit must not be exceeded. Not for lifting or hoisting applications.

MADE IN THE USA

Cut Chain

Size	15' Order#	20' Order#	25' Order#	30' Order#	40' Order#	Over 40' Order#
3/8"	**738875**	**738876**	**738877**	**738878**	**738879**	**139929**
1/2"	**738880**	**738881**	**738882**	**738883**	**738884**	**139930**
5/8"	**738885**	**738886**	**738887**	**738888**	**738889**	**139931** N

Part#	Size	Wire Dia.	Weight/ft	Ft/Drum	WLL**	Drum
ACC-MC-038-HG&	3/8"	.394"	1.36 lbs	200	4050 lbs	**139929**
ACC-MC-050-HG&	1/2"	.519"	2.45 lbs	200	6900 lbs	**139930**
ACC-MC-063-HG&	5/8"	.656"	3.8 lbs	200	9750 lbs	**139931**

Bottom Chain

Galvanized Long Link

Part#	Size	Wire Dia.	Weight/ft	Ft/Drum	WLL**	Order#
ACC-MC-075-HGM	3/4"	.781"	5.26 lbs	100	15,000 lbs	**100637**

Self Colored G30

Part#	Size	Wire Dia.	Weight/ft	Ft/Drum	WLL**	Order#
ACC-30-063-SC	5/8"	.625"	3.75 lbs	150	6900 lbs	**100544**
ACC-30-075-SC	3/4"	.781"	5.34 lbs	100	10,600 lbs	**100546**
ACC-MC-100-SC	1"	1.032"	10.10 lbs	60	17,900 lbs	**733598**

Proof Coil Self-Colored 1-1/4" Grade 30 Chain

A flexible, standard low carbon steel, all purpose chain. Not to be used for hoisting and lifting applications. 15.2 lbs per foot. 1-1/4" x 90' box. 32,000 WWL.

HM-CHAIN-125 **Order# 170375 /FT /90' Box**

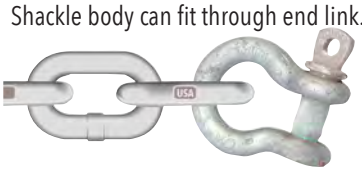
Imported

High Quality Steel, Hot Dip Galvanized, Long Link Design

ACCO

Shackle pin can fit through any link.

Shackle body can fit through end link.



Hot Galvanized Grade 30 Chain

A low-carbon steel chain, proof-tested. Embossed "G3".

Part#	Size	Weight/ft	Ft/Drum	WLL*	Order#
ACC-30-019-HGP	3/16"	.42 lbs	250	800 lbs	**755729**
ACC-30-025-HG	1/4"	.67 lbs	400	1300 lbs	**100535**
ACC-30-031-HG	5/16"	1 lbs	275	1900 lbs	**100537**
ACC-30-038-HG	3/8"	1.46 lbs	400	2650 lbs	**100539**
ACC-30-050-HG	1/2"	2.69 lbs	200	4500 lbs	**100541**
ACC-30-063-HG	5/8"	4.1 lbs	150	6900 lbs	**100543**
ACC-30-075-HG	3/4"	6 lbs	100	10,600 lbs	**100545**

Hot Galvanized Grade 40 Chain

High-tensile strength and wear resistant. Used in many windlasses. Working load limits exceed those of proof coil.

Part#	Size	Weight/ft	Ft/Drum	WLL*	Order#
ACC-40-025-HG	1/4"	.73 lbs	400	2600 lbs	**100549**
ACC-40-031-HG	5/16"	1.03 lbs	550	3900 lbs	**100550**
ACC-40-038-HG	3/8"	1.48 lbs	400	5400 lbs	**100552**
ACC-40-044-HG	7/16"	2.06 lbs	300	7200 lbs	**100555**
ACC-40-050-HG	1/2"	2.57 lbs	200	9200 lbs	**100557**

250' Drum of 5/16" high-tensile strength Grade 40 chain.
ACC-40-031-G50 **Order# 146763**

3/16" Hot Galvanized Boat Stand Chain
ACC-30-019-HGP
Order# 755729

Hot Galvanized BBB Chain

A short, calibrated compact link makes this chain more flexible and "forgiving". It will not hockle in anchor locker. Designed for many anchor windlasses. Embossed "3B".

Part#	Size	Weight/ft	Ft/Drum	WLL*	Order#
ACC-BBB-025-HG	1/4"	.72 lbs	800	1300 lbs	**100626**
ACC-BBB-031-HG	5/16"	1.1 lbs	550	1900 lbs	**100627**
ACC-BBB-038-HG	3/8"	1.56 lbs	400	2650 lbs	**100628**

Hi-Test Proof Coil Stainless Steel Chain

Industrial grade, high strength marine chain. 316 Stainless Steel. NACM compliant.

Part#	Size	WLL*	Order#
SCR-S0602-0005	3/16"	1200 lbs	**130270** N
SCR-S0602-0007	1/4"	1570 lbs	**130271** N
SCR-S0602-0008	5/16"	2400 lbs	**130272** N
SCR-S0602-0010	3/8"	3550 lbs	**130273** N
SCR-S0602-0013	1/2"	5400 lbs	**130274** N

High Test Screw Pin Shackles See Page 138

Stainless Steel Shackles See Pages 98-99

* WARNING: Working Load Limit must not be exceeded. Not for lifting or hoisting applications.

Weldless Rings

Painted Steel

Load Rated. Meets Federal Spec RRC-271 F Type VI

Stock Inches	Inside Dia. Inches	Pounds Each	Safe WLL* Single Pull Lbs.	Order#
7/8"	4"	2.70	7200	**105362**
1"	4"	3.50	10,800	**105363**

Weldless Sling Links

• Forged from special bar quality carbon and alloy steels • Weldless • Hot Dipped Galvanized

Diameter Stock Inches	Inside Length Inches	Inside Width Small End	Inside Width Large End	Weight In Pounds Each	Safe Working Load Single Pull Pounds	Order#
3/8"	2-1/4"	3/4"	1-1/2"	0.23	1800	**105365**
1/2"	3"	1"	2"	0.55	2900	**105366**
5/8"	3-3/4"	1-1/4"	2-1/2"	1.10	4200	**105367**
3/4"	4-1/2"	1-1/2"	3"	1.95	6000	**105368**
7/8"	5-1/4"	1-3/4"	3-1/2"	2.78	8300	**105369**
1"	6"	2"	4"	4.30	10,800	**105370**
1-1/4"	7-3/4"	2-1/2"	5"	7.60	16,750	**105371**

Come-Along Cable Puller

One-ton lift and two-ton pull. Features double drive ratchet wheels. Easy let-down releases and aircraft-type, 3/16" galvanized cables. Built-in safety handle, designed to bend if recommended WLL is exceeded.
COO-631-2036
Order# 106289

Industrial Grade Center Cut Cutters

Drop-forged precision ground alloy tool steel jaws with center-cut blades. Cuts soft, medium, or hard materials. Lockplate keeps jaws from loosening. Toggle joints turn 50 lb hand pressure to 4000 lb cutting pressure. Screw-type adjustment realigns edges. Steel handles with rubber grips.

18" Cutter COO-0090-MC
Order# 106212

American-Made Shackles

Load Rated Meets Federal Spec RR-C-271

HOT GALVANIZED!

Best Seller!

Size	WLL (lbs)	Order#
3/16"	666	**105942**
1/4"	1000	**105943**
5/16"	1500	**105944**
3/8"	2000	**105945**
7/16"	3000	**105946**
1/2"	4000	**105947**
5/8"	6500	**105948**
3/4"	9500	**105949**
7/8"	13,000	**105950**
1"	17,000	**105951**
1-1/8"	19,000	**105952**
1-1/4"	24,000	**105953**
1-3/8"	27,000	**105956**
1-1/2"	34,000	**105954**

Imported Shackles

HOT GALVANIZED!

Load Rated Meets Federal Spec RR-C-271

Size	WLL (lbs)	Order#
3/16"	666	**122741**
1/4"	1000	**122742**
5/16"	1500	**122743**
3/8"	2000	**122744**
7/16"	3000	**122745**
1/2"	4000	**122746**
5/8"	6500	**122747**
3/4"	9500	**122748**
7/8"	13,000	**122749**
1"	17,000	**122750**
1-1/8"	19,000	**122751**
1-1/4"	24,000	**122752**
1-3/8"	27,000	**122753**
1-1/2"	34,000	**122754**
1-3/4"	50,000	**122755** N

Mooring Buoy Shackle

5/8" with 3/4" pin.
HM-MS063
Order# 173085

the Crosby group inc.

High Test Screw Pin Shackle

Load Rated Meets Federal Spec RR-C-271

Size	WLL (lbs)	Order#
3/8"	4000	**105393**
7/16"	5332	**105394**
1/2"	6615	**105395**
5/8"	10,000	**105396**

Crosby# G-209-A

the Crosby group inc.

Screw Pin Anchor Shackles

Hot dip galvanized. Forged, quenched and tempered with alloy pins. Approved for use at -40°F to 400°F.

Size	WLL (lbs)	Order#
1/4"	1000	**105398**
5/16"	1500	**105399**
3/8"	2000	**105400**
7/16"	3000	**105401**
1/2"	4000	**105402**
5/8"	6500	**105403**
3/4"	9500	**105404**
7/8"	13,000	**105405**
1"	17,000	**105406**
1-1/4"	24,000	**105408**

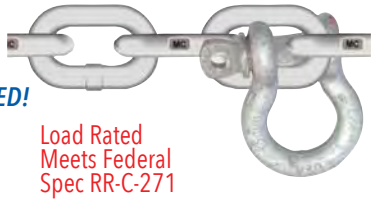
Fitted Mooring Shackles

These shackles fit 1/2", 5/8" and 3/4" long link ACCO mooring chain. Shackle ear passes through the end link, reducing number of shackles required to link top and bottom chain.

Size	WLL (lbs)	Order#
5/8"	6500	**105948**
3/4"	9500	**105949**
7/8"	13,000	**105950**

HOT GALVANIZED!

Load Rated Meets Federal Spec RR-C-271



316 STAINLESS STEEL THIMBLES

Heavy Duty

Size	Order#
3/8"	**753483**
1/2"	**747945**
5/8"	**747946**
3/4"	**747947**
7/8"	**747948**
1"	**740512**

Regular Duty

Part#	Size	Order#
LOS-EY18-04	1/8"	**121534**
LOS-EY18-05	5/32"	**121535**
LOS-EY18-06	3/16"-7/32"	**121536**
LOS-EY18-08	1/4"	**121537**
LOS-EY18-10	5/16"	**121539**
LOS-EY18-12	3/8"	**121540**
LOS-EY18-16	1/2"	**121541**

Light Duty

Part#	Size	Order#
LOS-AN100-C03	3/64"-3/32"	**121519**
LOS-AN100-C04	3/32"-1/8"	**121520**
LOS-AN100-C05	5/32"	**121521**
LOS-AN100-C06	3/16"	**121522**
LOS-AN100-C08	7/32"-1/4"	**121523**
LOS-AN100-C12	3/8"	**121524**

GALVANIZED THIMBLES

Thimbles

HOT GALVANIZED!

Part#	Size	Order#
HMT-025R	1/4"	**118760**
HMT-031R	5/16"	**118761**
HMT-038R	3/8"	**118763**
HMT-050R	1/2"	**118765**
HMT-063R	5/8"	**118767**
HMT-075R	3/4"	**118769**
HMT-088R	7/8"	**118771**
HMT-100R	1"	**118773**

Heavy Duty Thimbles

Longer shank stays in the eye.

Part#	Size	Order#
HMT-031HD	5/16"	**141585**
HMT-038HD	3/8"	**118762**
HMT-050HD	1/2"	**118764**
HMT-063HD	5/8"	**118766**
HMT-075HD	3/4"	**118768**
HMT-088HD	7/8"	**118770**
HMT-100HD	1"	**118772**
HMT-113HD	1-1/8"	**118774**
HMT-125HD	1-1/4"	**118776**
HMT-150HD	1-1/2"	**118777**

Eye & Eye Swivels

HOT GALVANIZED!

Part#	Size	WLL (lbs)	Order#
HM-SWEE025	1/4"	860	**139338**
HM-SWEE031	5/16"	1260	**106227**
HM-SWEE038	3/8"	2200	**106228**
HM-SWEE050	1/2"	3600	**139339**
HM-SWEE063	5/8"	5200	**139340**
HM-SWEE075	3/4"	7000	**106231**
HM-SWEE088	7/8"	10,000	**106232**
HM-SWEE100	1"	12,500	**106233**
HM-SWEE125	1-1/4"	18,000	**106234**

Jaw & Eye Swivels

HOT GALVANIZED!

Part#	Size	WLL (lbs)	Order#
HM-SWJE025	1/4"	860	**106235**
HM-SWJE031	5/16"	1260	**139342**
HM-SWJE038	3/8"	2200	**106237**
HM-SWJE050	1/2"	3600	**106238**
HM-SWJE063	5/8"	5200	**106239**
HM-SWJE075	3/4"	7000	**139343**
HM-SWJE088	7/8"	10,000	**106241**
HM-SWJE100	1"	12,500	**106242**
HM-SWJE125	1-1/4"	18,000	**106243**

Annealed Stainless Steel Single Strand Safety Wire

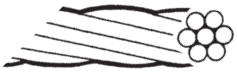
Size	Description	Order#
.032	1 lb reel	**142437**
.041	10 ft roll	**729562**
.041	1 lb reel	**142439**

Annealed Stainless Steel Single-Strand Safety Wire

Size	Ft/Spool	Sold Per	Order#
.020	234.5	1/4 lb.	**121609**
.032	91.5	1/4 lb.	**121610**
.041	55.75	1/4 lb.	**121611**
.041	223	1 lb.	**121608**

Annealed Stainless Steel Multi-Strand Safety Wire

1/16" dia, 1 x 7 strand.
For seizing shackles on a mooring system. Stronger than single strand safety wire.
LOS-SA-06317
Order# 121557



Please Note: All anchors 800lb. and up are FOB Searsport, ME only.

DOR-MOR

- GREAT FOR SHALLOW WATER!
- HURRICANE PROVEN!
- 10-YEAR RUST OUT GUARANTEE!
- SATISFACTION GUARANTEE!

Minimum Recommended Pyramid Sizes

5 lbs/ft of Boat Length For Vessels Up to 15 Feet
7 lbs/ft of Boat Length For Vessels 16 to 20 Feet
10 lbs/ft of Boat Length For Vessels 21 to 25 Feet
15 lbs/ft of Boat Length For Vessels 26 to 39 Feet
20 lbs/ft of Boat Length For Vessels 40 Feet & More

Sizes available up to 4,000 lbs

Part#	Size lbs	Shackle	Order#
DOR-35	35	1/2"	**109014** N
DOR-70	70	3/4"	**109019** N
DOR-135	135	3/4"	**109008** N

Imported Pyramid Mooring Anchors

Ideal for mudflats and other shallow harbors. Painted cast iron.

Part#	Size (lbs)	Shackle	Order#
HM-PYRAMID050	50	1/2"	**740166**
HM-PYRAMID100	100	3/4"	**740167**
HM-PYRAMID150	150	3/4"	**740168**
HM-PYRAMID200	200	1"	**740170**

Imported Cast Iron Mushroom Anchors

An economical, long-lasting, dependable anchor for mud bottoms. Remember: all mooring anchors should be rigged for storm conditions.

Part#	Weight (lbs)	Boat Length	Order#
HM-IMP-025	25	–	**130421**
HM-IMP-050	50	–	**130422**
HM-IMP-075	75	–	**130429**
HM-IMP-100	100	–	**130433**
HM-IMP-150	150	15'	**130436**
HM-IMP-200	200	20'	**130439**
HM-IMP-250	250	25'	**130440**
HM-IMP-300	300	30'	**130442**
HM-IMP-400	400	40	**130446**
HM-IMP-500	500	50'	**130449**
HM-IMP-600	600	50'+	**740181** N
HM-IMP-800	800	60'+	**734179**
HM-IMP-1000	1000	60'+	**734180**

Habitat Mooring Low Profile Anchor

Each Habitat Mooring is manufactured in Maine and is poured with high density, fiber reinforced concrete rated at 5,000 psi. Built-in openings provide sheltered cavities that are highly attractive to lobsters, crabs, shrimp, sea urchins and a variety of fin fish. Hitch rod system provides shear load of over 120,000 lbs. The top width is 4' square. 1-1/4" hitch pin diameter.

Weight (lbs)	Base Width	Height	Order#
4305	6' 4" sq	14"	**754186** N
6530	7' sq	18"	**754187** N
8500	7'6" sq	21"	**754188** N
10,755	8' sq	21"	**754189** N
12,420	8' 4" sq	26"	**754190** N

Standard Series

The original Habitat design. Top measures 40" square. Hitch pin is 1-1/4" diameter.

Weight (lbs)	Base Width	Height	Hitch Pin Dia	Order#
1115 lbs	45" sq	9"	1-1/4"	**742727**
2225 lbs	47" sq	15"	1-1/4"	**742728**

Helix Mooring Anchors

These lower-load round shaft anchors can be used for smaller boats and small docks. They can be installed by a diver without special installation equipment. Simply screw the anchor into the bottom. Very effective in shallow waters and mud flats because they don't drag around the harbor bottoms. These anchors are preferred in environmentally sensitive areas and have been recommended by some state agencies and scuba-diving tour companies. Must be installed all the way into the ground up to the eye.

Galvanized

Dia.	Shaft	Approx. Break Force	Order#
6"	3/4" x 4'	1500 lbs	**728232**
8"	1" x 4'	2500 lbs	**728233**
8"	1" x 5.5'	3000 lbs	**728234**
10"	1-1/4" x 5.5'	3500 lbs	**728235**

DANFORTH ANCHORS

The World's Most Trusted Anchor!

Danforth Standard®

Danforth Anchor Selection Guide
Minimum Suggested Holding Power

Boat Length	Winds to 20 knots	Winds to 60 knots
0-9'	150 lbs	270 lbs
10'-16'	275 lbs	500 lbs
16'-25'	580 lbs	1050 lbs
25'-30'	900 lbs	1600 lbs
30'-34'	1285 lbs	2300 lbs
34'-38'	1575 lbs	2850 lbs
38'-44'	1960 lbs	3550 lbs
44'-54'	2940 lbs	5300 lbs
54'-60'	3420 lbs	6150 lbs
60'-66'	4070 lbs	7400 lbs
66'-72'	4760 lbs	8150 lbs

CAUTION: "Holding Power" recommendations for various boat lengths are based on average shapes and hull designs.

Danforth Standard®

This anchor has the traditional good holding power which has always been associated with Danforth Standard anchors. The shank is made of high strength steel. The steel flukes are strong and wide. Each anchor has a hot dipped galvanized coating for long-lasting protection.

Part#	Holding Power	Boats Up To 20k Winds	Weight	Order#
DAN-S-0160	160 lbs	10 ft	3.5 lbs	**107152**
DAN-S-0300	300 lbs	17 ft	5 lbs	**107153**
DAN-S-0600	600 lbs	27 ft	9 lbs	**107154**
DAN-S-0920	920 lbs	31 ft	14 lbs	**107155**
DAN-S-1300	1300 lbs	36 ft	16 lbs	**107156**
DAN-S-1600	1600 lbs	40 ft	25 lbs	**107157**
DAN-S-2000	2000 lbs	45 ft	43 lbs	**107158**
DAN-S-3000	3000 lbs	55 ft	70 lbs	**107159**
DAN-S-3500	3500 lbs	60 ft	100 lbs	**107160**

Danforth Hi-Tensile®

The Hi-Tensile is Danforth's toughest, most durable anchor and features very high holding power. The flukes are fabricated for additional strength and then beveled to allow quick, deep bottom penetration. Each shank is made from drop forged steel. Hot dipped galvanized finish.

Part#	Holding Power	Boats Up To 20k Winds	Weight	Order#
DAN-H-0500	1000 lbs	31 ft	5 lbs	**107146**
DAN-H-0960	1800 lbs	42 ft	12 lbs	**107147**
DAN-H-1500	2500 lbs	50 ft	20 lbs	**107148**
DAN-H-1800	3800 lbs	64 ft	35 lbs	**107149**

Fortress Marine Anchors

Approved by the American Bureau of Shipping

FORTRESS MARINE ANCHORS

LIFETIME WARRANTY!
Not Just Stronger. Lighter.

"The NAV-X Fortress anchors have far greater holding power per pound of anchor than any other anchor..." -US Navy Test, May 1989

Part#	Weight	Boat Size	Working Load	Holding Power*	Order#
FTS-FX-007	4lbs	16'-27'	700	2,800lbs	**114963**
FTS-FX-011	7lbs	28'-32'	900	3,600lbs	**114964**
FTS-FX-016	10lbs	33'-38'	1250	5,000lbs	**114965**
FTS-FX-023	15lbs	39'-45'	2000	8,000lbs	**114966**
FTS-FX-037	21lbs	46'-51'	3000	12,000lbs	**114967**

* Actual tested holding power in hard sand, under optimum conditions. For 4 to 1 margin of safety, in less than ideal bottoms, use "working load."

FORTRESS MARINE ANCHORS

Fortress Guardian Utility Anchors

- Manufactured from the same hardened Aluminum-Magnesium Alloy as Fortress anchors
- Engineered for fast setting and strong holding power
- Uses slightly smaller extrusion profiles than Fortress

Part#	Weight	Boat Size	Order#
FTS-G-5	2.5lbs	12'-16'	**169747**
FTS-G-7	4lbs	17'-22'	**140164**
FTS-G-11	6lbs	23'-27'	**169748**
FTS-G-16	7lbs	28'-33'	**169749**
FTS-G-23	13lbs	34'-41'	**169750**
FTS-G-37	18lbs	42'-47'	**169751**

TIE DOWN ENGINEERING

Super Hooker Anchor

A good economical anchor, featuring a traditional lightweight design. The strong, wide flukes penetrate firmly and quickly for maximum holding power. Hot dipped galvanized steel with a fully welded crown.

Part#	Weight	Holding Power	Order#
TIE-95030	2.5 lbs	130lbs	**149806**
TIE-95035	4 lbs	240lbs	**149807**
TIE-95040	8 lbs	480lbs	**149808**
TIE-95045	13 lbs	740lbs	**149809**
TIE-95050	18 lbs	1050lbs	**149810**
TIE-95055	22 lbs	1300lbs	**149811**
TIE-95060	40 lbs	1600lbs	**149812**

LEWMAR

Horizon Claw Anchor

Single piece, high grade steel construction. Offers strength and a secure hold. Sets quickly. Effective in a variety of sea beds, winds and tide conditions. Can be easily stowed on a bow roller.

Part#	Weight	Boat	Order#
LEW-57905	11 lbs	16-23'	**131215**
LEW-57907	16.5 lbs	24-28'	**131216**
LEW-57910	22 lbs	29-32'	**131217**
LEW-57915	33 lbs	33-39'	**131218**
LEW-57920	44 lbs	40-46'	**131219**
LEW-57930	66 lbs	47-57'	**131220** N
LEW-57950	110 lbs	58-72'	**131221** N
LEW-57980	176 lbs	72' +	**131222** N

LEWMAR

The Delta Fast-Set Anchor

This one-piece manganese steel plow anchor has high holding power and great strength. Its balanced design allows for remote windlass operation and quick bottom penetration. The smooth galvanized finish and sharp angles make this a highly functional, "ultra-modern" anchor. Guaranteed for life against breakage.

Part#	Weight	Boat	Order#
LEW-57410	22 lbs	32'-41'	**131320**

LEWMAR

C.Q.R. Anchors

C.Q.R. anchors are forged steel constructed which make them extremely rugged and reliable in almost any bottom. The harder the pull, the deeper these anchors dig. Their reputation among blue water cruisers is excellent and well founded. An eye on the horn is provided for attaching a trip line for easy break-out. All anchors are hot dipped galvanized and come with a lifetime warranty.

Part#	Weight	Boat	Order#
LEW-56505	25 lbs	16'-32'	**131311** N
LEW-56506	35 lbs	26'-45'	**131312** N
LEW-56507	45 lbs	32'-58'	**131313** N

SUNCOR Stainless

17-4 Stainless Steel Heavy Duty Anchor Swivels

Size	Breaking Load	Order#
1/4" - 5/16"	8500	**153214**
3/8" - 1/2"	15,000	**153216**
1/2" - 3/4"	25,000	**153217** N

17-4 Stainless Steel Universal Anchor Swivels

Size	Breaking Load	Order#
1/4" - 5/16"	8500	**153219**
3/8" - 1/2"	15,000	**153221** N

ROCNA ANCHORS

Rocna Original Anchors

Kiwi design, ideal for all ocean floors. The roll-bar ensures that it always lands on the ideal angle for penetration, plus reinforces the blade for massive strength. The setting skids elevate the heel and correctly direct the tip for reliable setting in seabed. The shank is high tensile steel. Self-launching. A concave blade gives the greatest resistance, and provides the largest blade area possible. The result is rock-solid holding power with no drag. No lead in the tip making it environmentally friendly. Features dedicated attachment points for buoyed retrieval line, tandem anchor and securing to the bow. Galvanized finish.

Part#	Weight	Boat Length	Order#
ROC-4G	9 lbs	13'-23'	**748866**
ROC-6G	13 lbs	16' - 30'	**748867**
ROC-10G	22 lbs	23' - 36'	**748868**
ROC-15G	33 lbs	26' - 46'	**748869**
ROC-20G	44 lbs	26' - 52'	**748870**
ROC-25G	55 lbs	33' - 59'	**748871**
ROC-33G	73 lbs	39' - 72'	**748872**
ROC-40G	88 lbs	46' - 79'	**748873**

ROCNA ANCHORS

Rocna Vulcan Anchors

The Vulcan features an innovative roll-palm™ at the rear of the fluke, which self-rights the anchor on the seabed without the use of a roll-bar. This is assisted by the V-bulb™ which extends fluke ballast downward to gain maximum leverage and efficiency. The omission of a roll-bar along with a carefully designed shank profile ensures a snug fit on the bows of a widely expanded range of vessels. Platforms, bowsprits, prods, stays, and other protrusions are easily cleared with no hassle or inconvenience.

Part#	Weight	Boat Length	Order#
ROC-04VG	9 lbs	13' - 23'	**759753**
ROC-06VG	13 lbs	16' - 30'	**759754**
ROC-09VG	20 lbs	20' - 33'	**759755**
ROC-12VG	27 lbs	23' - 39'	**759756**
ROC-15VG	33 lbs	26' - 46'	**759757**
ROC-20VG	44 lbs	30' - 52'	**759758**
ROC-25VG	55 lbs	33' - 59'	**759760**
ROC-33VG	73 lbs	39' - 72'	**759761**
ROC-40VG	88 lbs	46' - 79'	**759762**

Mushroom Anchors

An all-around anchor. Coated in black vinyl. Quiet and will not mar finishes.

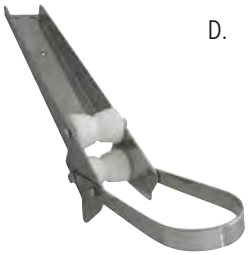
Weight	Order#
8 lbs	**146587**
10 lbs	**143611**
15 lbs	**143612**

LEWMAR Anchor Rollers

Built to provide friction-free surface to make dropping and weighing anchor easier. Won't damage the deck or topsides. Allows you to safely stow anchor while cruising and deploy at short notice. Constructed of 304 stainless steel with tough delrin rollers.

A.

B.

C.


D.

E.

	Model #	Type	Anchor Weight	**Order#**
A.	66840014	Fluke	Up to 25 lbs	**760028**
B.	66840007	Fluke	Up to 35 lbs	**760026**
C.	66840008	Delta	14 to 35 lbs	**760027**
D.	66840017	Claw/Bruce	Up to 44 lbs	**760031**
E.	66840015	Utility		**760029**

LEWMAR

v700 Vertical Windlass

The V700 vertical windlass with dual chain gypsy is able to accept both 6mm and 7mm (1/4") chains. Fits calibrated chains: 6mm DIN766, 1/4" G4 or BBB, 7mm DIN766 For boats up to 10.5m (35 ft).100% 316 stainless steel housing and a sleek flush-mount design that hides the motor down below, the V700 is one of the most attractive and durable windlasses on the market. It works at the push of a button and features motor protection and anchor lock. Minimal parts for enhanced reliability. 5-year warranty.
LEW-6670011108 **Order# 758731**

LEWMAR

CPX0 Windlass

Fills the gap at the smaller end of the CPX range for boats between 24' and 36'. The unit utilizes the same alloy and stainless steel construction as the larger models, together with tried and tested worm-wheel motor gearboxes and compact, powerful 12v 700 watt motors. Gypsy clutch can be released using included tool for manual freefall.

Part#	Chain Size	**Order#**
LEW-69600791	1/4"	**760488**
LEW-69600798	5/16"	**760489**

LEWMAR

Pro Fish 1000

The Freefall Horizontal Windlass is the ultimate windlass for fishermen. The horizontal Pro-Fish has an automatic freefall that allows you to pull right up over a wreck or ledge, and drop anchor with speed and precision. No more running your motor or wasting fuel while you "hover fish". When you're ready to go, you can retrieve your anchor just as easily, with the push of a button. Plus, the Pro-Fish comes equipped with a reliable spur gear-box, is DIY ready and made of 100% 316 stainless steel. Strength, speed, efficiency and durability - a perfect catch, all around.

1000 lb LEW-6656411108
Order# 173692

Choosing Your Windlass

Part#	Boat Length	Max Work Load	Release Speed	Volts	Draw	Rope Size	Chain Size
LEW-6670011108	Up To 35'	700 lbs	82 fpm	12	45 Amps	1/2"	1/4"
LEW-69600791	24' to 36'	1320 lbs	51 fpm	12	105 Amps	1/4"	1/4"
LEW-69600798	24' to 36'	1320 lbs	51 fpm	12	105 Amps	1/2"	5/16"
LEW-6656411108	Up To 45'	1000 lbs	105 fpm	12	50 Amps	9/16"-5/8"	5/16"

Not Recommended For Commercial Use

LEWMAR®

One Brand, One Solution

Since 1946, Lewmar has dedicated itself to making spending time on the water as easy and stress-free as possible; designing and manufacturing innovative and reliable products of the highest standard.

Quality remains at the heart of everything we do. The manufacture of our products takes place within our own factory in the UK, giving us total control from conception right through to delivery.

Tel: +1 203 458 6200 | Fax: +1 203 458 2270 | info@lewmar.com | www.lewmar.com

351 New Whitfield Street, Guilford CT 06437 USA

High Quality Nylon 3 Strand Anchor Lines

Manufactured from high-tenacity white nylon multifilament fiber. Four-stage construction produces a torque-balanced rope with medium lay, making it an excellent anchor line. Nylon thimble. Meets or exceeds Cordage Institute and U.S. and Canadian Military weight and strength standards.

Part#	Dia. x Length	Order#
HMR-ATW38100	3/8" x 100'	**729580**
HMR-ATW50150	1/2" x 150'	**732337**
HMR-ATW63200	5/8" x 200'	**736296**

New England Ropes

Premium Nylon 3 Strand Anchor Lines

High quality anchor line. Treated for abrasion and wear. Factory eye-spliced with stainless steel thimble and heat sealed bitter ends.

Part#	Dia. x Length	Order#
NE-A38100	3/8" x 100'	**124942**
NE-A38150	3/8" x 150'	**124943**
NE-A38200	3/8" x 200'	**124944**
NE-A50150	1/2" x 150'	**124945**
NE-A50200	1/2" x 200'	**124946**
NE-A50250	1/2" x 250'	**124947**
NE-A63200	5/8" x 200'	**124948**
NE-A63250	5/8" x 250'	**124949**

ROCKPOINT ROPE

High Performance Double Braided Nylon Anchor Line

MADE IN THE USA

Stronger, more flexible than three-strand with more energy-absorbing capacity, this bright white double-braided nylon anchor line is a great choice for those wishing to "upgrade" from three-strand. Professionally spliced and whipped with stainless steel thimble.

Part#	Size	Order#
HMR-ADB38100	3/8" x 100'	**173453**
HMR-ADB38150	3/8" x 150'	**173454**
HMR-ADB38200	3/8" x 200'	**173455**
HMR-ADB50150	1/2" x 150'	**173457**
HMR-ADB50200	1/2" x 200'	**173458**
HMR-ADB50250	1/2" x 250'	**173459**
HMR-ADB63200	5/8" x 200'	**173460**
HMR-ADB63250	5/8" x 250'	**173461**
HMR-ADB63300	5/8" x 300'	**173462**

Anchor Rode Markers

Tell depth at a glance. Neon bright colors.
9 Piece set. MED-ARM **Order# 742440**

YALE

Brait Anchor Rodes

Absorbs 75% more energy than three-strand! Uses 60% less storage space!

Brait absorbs more energy than all other lines and cannot hockle. Deck and dock hardware undergo less wear and tear. For added durability and performance, brait is tuck-spliced by hand to Cordage Institute standards. Comes with heavy duty stainless steel thimble. This line is used by NOAA and National Data as deep mooring line for weather and sunami warning buoys!

MADE IN MAINE

Part#	Dia. x Length	Order#
HMR-A38100	3/8" x 100'	**154684**
HMR-A38150	3/8" x 150'	**154685**
HMR-A38200	3/8" x 200'	**154686**
HMR-A50100	1/2" x 100'	**154687**
HMR-A50150	1/2" x 150'	**154688**
HMR-A50200	1/2" x 200'	**154689**
HMR-A50250	1/2" x 250'	**154690**
HMR-A50300	1/2" x 300'	**154691**
HMR-A63150	5/8" x 150'	**154692**
HMR-A63200	5/8" x 200'	**154693**
HMR-A63250	5/8" x 250'	**154694**
HMR-A63300	5/8" x 300'	**154695**

YALE

Brait Rope

Part#	Size	Breaking Strength	Order#
YAL-7582024R	3/8"	4000	**137346**
YAL-7582032R	1/2"	8300	**137347**
YAL-7582040R	5/8"	12,200	**137348**
YAL-75820480	3/4"	17, 000	**156910**

Rope/Chain Anchor Rodes

To ensure top performance of windlasses, we custom splice anchor rodes using three strand premium nylon or brait with USA made ACCO chain. Please call for prices.

We make custom anchor rodes!

Grapnel Hooks

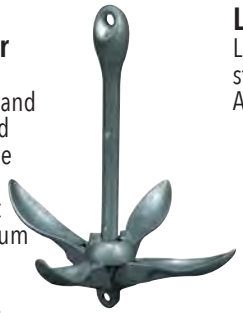
Galvanized.

Size	Stock	Order#
20"L, 8"W	1/2"	**104294**
21"L, 8"W	3/8"	**104295**

SEA-DOG LINE

Folding Grapnel Anchor

This Sea Dog folding grapnel anchor is perfect for dinghies and small craft. It stows neatly and has no sharp points to damage inflatable boats. A weighted shank insures a quick set. Hot dipped galvanized for maximum corrosion resistance.



Part#	Weight	Order#
SD-318001	1.5 lbs	**745467**
SD-318003	3.5 lbs	**148469**
SD-318005	5.5 lbs	**148470**
SD-318007	7 lbs	**148472**
SD-318009	9 lbs	**148473**
SD-318013	13 lbs	**168106**

18 lb. River Anchor

River anchors catch and hold river bottoms where mud, rocks, stumps, and brush are present. Flukes act like a grappling hook to snag rocks or other objects. Gray cast iron with a large, steel eye and black PVC-coated finish. 18 pounds.

HFP-9937-1 **Order# 140661**

Anchor Retrieval Ring

Popular with offshore fishermen, scuba divers and spear fishermen. Anchor rings are designed for use when your anchor line includes more than 2 or 3 feet of chain. Your boat pulls the anchor against the resistance of the ball or buoy and the weight of the chain folded over the ring keeps the anchor from slipping back out. You clip your anchor ring onto the line and drive forward when you are ready to pull your anchor and remove it when you are done.

NFG-PM15-235 **Order# 125243**

TieDown Mate

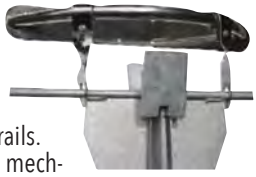
The original beach security anchor from TieDown. Ideal for mooring personal watercraft or small boats. Screws in easily. Removable handle stows inside anchor tube.

TIE-86071 **Order# 150185**

TIE DOWN ENGINEERING

Fluke-Style Anchor Rail Mount

Enables secure, off-the-deck storage and quick deployment of Danforth style anchors from 8-22 lbs. Mounts on 1" dia. horizontal bow or stern rails. Features a quick-release mechanism and lock to prevent accidental deployment. 304 Stainless steel. Shown mounted.



SCH-AH100 **Order# 741268**

Lift'n Lock Anchor Control

Lifts anchors up to 20 lbs. Zinc plated steel. Takes up to 1/2" diameter line.

ATT-137003 **Order# 102426**

Canoe Anchor Lock

Solid ash wood. Adjustable to most canoes. Easily clamps to the underside of the deck and gunwales. Makes for safe and easy anchor lowering and retrieving. Rope and anchor are not included.

PWS-ARL **Order# 127715**

Anchor Chain Lead (Polymer Coated)

With Oversized End Link

ACCO

Pre-cut American made. Heavy-duty hot dip galvanized. Heat-cured white polymer coated. Resistant to chemicals and non-marring. Protects fiberglass decks and hulls.

Part#	Size	Order#
ACC-4069-80405	1/4" x 5'	**100568**
ACC-4069-80506	5/16" x 6'	**100569**

SEA-DOG LINE

PVC Coated Anchor Chain

With Oversized End Link

Galvanized forged steel with thick PVC coating. Made by Sea-Dog.

Part#	Size	Order#
SD-312933	3/16" x 3'	**146523**
SD-312944	1/4" x 4'	**146524**
SD-312955	5/16" x 5'	**146525**

Anchor Lead Chain (Hot Galvanized)

5/16" x 6'

Order# 100567

ACCO

SEA-DOG LINE

Chain Grabber

Two shackle holes for attachment of bridle lines. Extremely heavy-duty stainless steel. Hole diameter: 1/2", 4"W x 3" H. 5/16" Thick. Fits anchor chain sizes: 5/16", 3/8", 7/16" and 1/2". SD-321850-1

Order# 731965

Chain Snubbers

Johnson Marine Hardware

Small

Hook only, for 1/4" and 5/16" chain. JON-46-465-5

Order# 748888

Large

Hook only, for 3/8" and 1/2" chain.

JON-46-475-5 **Order# 748889**

SEA-DOG LINE

Anchor Chocks

Stainless steel. Holds 5-25lb. Danforth style anchors. SD-322150-1

Order# 174302

SEA-DOG LINE

Stainless Steel Chain Stoppers

Fits 5/16" to 3/8" chain. 3-1/8" long. Takes 3/8" fasteners.

SD-321825-1 **Order# 143565**

Fits 3/16" to 1/4" chain. 3-1/8" long.

SD-321820-1 **Order# 143564**

PERKO

MADE IN THE USA

Anchor Chocks

Chrome-plated bronze.

Large

PKO-903DP2CHR

Order# 127258

PERKO

MADE IN THE USA

Anchor Chock Selection Guide

Perko anchor chocks will fit the following anchors:

Size	Fortress	USA	Danforth
Small	4-10 lbs	2.5-13 lbs	3.5-21 lbs
Large	14-33 lbs	18-22 lbs	25-70 lbs

Shoulder Eyebolt With Nut
Hot Dipped Galvanized, Forged

Size	Order#
1/4" x 2"	**754438**
1/4" x 3"	**754439**
5/16" x 4-1/4"	**754442**
3/8" x 2-1/2"	**754443**
3/8" x 4-1/2"	**754445**
1/2" x 3-1/4"	**754450**
1/2" x 6"	**754452**
5/8" x 4-1/2"	**754456**
5/8" x 8"	**754458**
3/4" x 6"	**754462**

Regular Eyebolt With Nut
Hot Dipped Galvanized, Forged

Size	Order#
3/8" x 6"	**754399**
1/2" x 6"	**754404**
1/2" x 8"	**754405**
1/2" x 10"	**754406**
5/8" x 6"	**754409**
5/8" x 8"	**754410**
5/8" x 10"	**754411**
3/4" x 10"	**754418**
1" x 12"	**754431**

Shoulder Screw Eyebolt

Size	Order#
1/4" x 2"	**105589**
5/16" x 2-1/4"	**754393**
3/8" x 2-1/2"	**754394**
1/2" x 3-1/4"	**754395**
5/8" x 4-1/2"	**754396**

Stainless Steel Lag Eye Screws

Shank Dia	Shaft Length	Eye I.D.	Order#
1/4"	2-1/2"	.58"	**171568**
1/4"	4"	.50"	**171569**
3/8"	2-1/2"	.32"	**171572**
5/16"	2-1/2"	.26"	**171570**
5/16"	4"	.26"	**171571**

316 Stainless Steel Shoulder Ringbolt

Includes Nut and Washer.

Size	Order#
1/4" x 2"	**153205**
5/16" x 2-1/4"	**153206**
3/8" x 4-1/4"	**153207**
3/8" x 2-1/2"	**153208**

Size	Order#
1/2" x 6"	**153209**
1/2" x 3-1/4"	**153210**
5/8" x 6"	**153211**

Galvanized Shoulder Nut Ringbolt

Size	Order#
5/16" x 2-1/4"	**105600**
3/8" x 2-1/2"	**105601**

Brass O-Rings

Inside Dia.	Stock Dia.	Order#
3/4"	0.138"	**141258**
1-1/8"	0.197"	**105116**
1-1/2"	0.236"	**105117**
1-3/4"	0.248"	**105118**

Brass Skene Bow Chocks

Polished brass. Sold per pair.
Each one takes two fasteners.

Part#	Length	Rope	Fastener	Order#
WTC-S0980BC	4"	1/2"	#10	**734044**
WTC-S0981BC	4-1/2"	5/8"	#10	**734045**
WTC-S0982BC	5-1/2"	3/4"	1/4"	**734046**

Straight Chocks

316 Stainless Steel. Precision cast.
Sold by the each.

Part#	Length	Rope	Fastener	Order#
SCR-S3405-0000	5"	3/4"	1/4"	**130309**
SCR-S3406-0000	6"	1"	1/4"	**130310**

Nylon Skene Bow Chocks

3-1/2". #8 Screw. Etched finish. Nylon.
Max rope diameter is 1/2". Sold in pairs.
MT-0455-B **Order# 124095**

Stainless Steel Skene Chocks

Sold in Pairs

Part#	Length	Rope Size	Order#
BKA-70BCS600S	6"	3/4"	**165622**
BKA-70BCS800S	8"	1-1/4"	**103939**

Stainless Steel Chocks

Traditional, precision cast in 316
Stainless Steel. Sold in pairs

Part#	Length	Rope	Fastener	Order#
SCR-S3340-0000	4"	3/4"	#10	**130306**
SCR-S3360-0000	6"	1"	1/4"	**130307**

Stainless Steel Skene Chocks

Made of stainless steel with a highly polished finish.

Part#	Size	Rope Dia.	Order#
NAU-SCH7	7"	1-1/2"	**170873**
NAU-SCH9	9"	2"	**170874**

Heavy Duty Stainless Steel Chocks

A traditional 9" skene chock, precision cast in 316 stainless steel. Max rope dia 1 1/4". 9" long. Takes 3/8" fastener.
SCR-S3390-0000 **Order# 130308**

SPARTAN MARINE

Locking Chock

Quickly accepts an anchor or mooring line and locks it in place. Chock is solid manganese bronze for a tough cast construction. Takes 1/4" fastener. Base dimensions: 1-7/8" x 7". SPT-C-206
Order# 131548

1" Rail Chock

Solid bronze 1" rail chock designed to mortise into a wood toe rail. Installs with two 1/4" FH fasteners through the top and 2 bronze pins through the sides. The overall length is 10-1/8" with a 1" width. Chock opening is 3-1/2" x 1-3/8". Max rope diameter is 1". Sold by the each.

Part#	Finish	Order#
SPT-C-232	Burnished	**131552**
SPT-C-232CB	Chrome	**131553**

SPARTAN MARINE

Straight Chock

Solid cast bronze with a burnished finish. Perfect for stern line chores.

Part#	Base	Fastener	Order#
SPT-C-200	7/8" x 4"	#10	**753248**
SPT-C-188	1" x 5"	#10	**753249**
SPT-C-210	1" x 6"	#12	**753250**

BUCK ALGONQUIN

Mooring Bitts

Metal	Base Dia.	Height	Order#
Stainless Steel	4-1/2" x 4-1/2"	3-1/2"	**165615**
Stainless Steel	5" x 5"	4-5/8"	**165616**
Stainless Steel	6" x 6"	6"	**166627**
Stainless Steel	7" x 7"	6-1/2"	**166628**
Plain Bronze	6" x 6"	6"	**167460**

Stainless Steel Mooring Bitt

For Smaller Boats
Stainless steel with a highly polished finish.
5" high with 2-3/8" top diameter. Base diameter 4-1/2".
HM-SMB238P **Order# 173766**

NAUTILUS Marine Fabrication

Heavy Duty Stainless Steel Mooring Bitts Highly Polished

Part#	Dia.	Height	Tang?	Order#
NAU-SMB-350P	3-1/2"	4-1/2"	No	**170866**
NAU-SMB-350PT	3-1/2"	4-1/2"	Yes	**170867**
NAU-SMB-450P	4-1/2"	5-1/2"	No	**152203**
NAU-SMB-450PT	4-1/2"	5-1/2"	Yes	**170868**
NAU-SMB-550P	5-1/2"	6-1/2"	No	**167694**
NAU-SMB-550PT	5-1/2"	6-1/2"	Yes	**170870**

Rudder Pintles

Polished cast bronze. For use with Gudgeons below.

Width Between Strap	Strap	Order#
1/2"	5/8" x 2-1/4"	**136006**
3/4"	7/8" x 3"	**136007**
1-1/2"	1-3/8" x 5-1/4"	**136009**

Rudder Gudgeons

Polished cast bronze. Use with above Pintles.

For Pintle Size	Plate	Order#
1/2"	5/8" x 3"	**136010**
3/4"	7/8" x 3-1/2"	**136011**
1"	1" x 4-1/2"	**136012**
1-1/2"	1-1/4" x 4-3/4"	**136102**

SUNCOR Stainless

Flat Hawsepipe

Stainless Steel. New modern flat style. Outside: 6" x 3-1/4". Inside: 4" x 2". Depth: 1-3/4".
SCR-S3806-0000 **Order# 130316**

SUNCOR Stainless

Oval Hawsepipe

Stainless Steel. New modern flat style. Outside 5-1/2" x 2-1/2". Inside 3.64" x 1.45". Depth 1".
SCR-S3806-0001 **Order# 153407**

BUCK ALGONQUIN

Hawsepipes

Part#	Type	Cut Out Hole	Size Overall	Order#
BKA-00HP3	Pln. Bronze	3" x 7-1/8"	5-3/8" x 9-3/8"	**103428**
BKA-70HPS1	316 S/S	1-7/8" x 3-7/8"	3" x 6-1/4"	**165618**
BKA-70HPS2	316 S/S	1-1/2" x 4-1/2"	4" x 7"	**103946**
BKA-70HPS3	316 S/S	3" x 7-1/8"	5-3/8" x 9-3/8"	**103947**

BUCK ALGONQUIN

Hawsepipe Sets
Stainless Steel

Part#	Outside Flange	Hawser Opening	Dist. between Flanges	Order#
BKA-70HPS6	4" x 7"	1-9/16" x 4-9/16"	1-1/4" - 2-1/2"	**165619**
BKA-70HPS7	5-3/4" x 9-1/2"	3" x 6-7/8"	1-5/8" - 3-1/4"	**165620**
BKA-70HPS8	6-1/2" x 9-1/2"	3-3/4" x 6-7/8"	1-5/8" - 3-1/4"	**165621**

SEA-DOG LINE

Chain and Rope Deck Pipe

Designed to accommodate a 3/4" line with thimble plus the shackle and 1/4" chain. Also works with lightweight anchors when a short length of chain is shackled to rope line. Hand cast brass. Triple chrome-plated. 6-1/4" x 4-1/2" flange. Cover 4" x 2-1/4" I.D. 1-3/8" height. SD-322070 **Order# 146618**

SEA-DOG LINE

Deck Pipe with Hinge

Hinged cover is securely attached to base. Used to pass line from rope locker up through the deck to anchor. Made of hand cast brass. Triple chrome-plated. Will take up to 1" diameter rope. Flange diameter 3-1/8", 1-1/2" I.D. Use # 8 fasteners.
SD-322080 **Order# 142722**

SPARTAN MARINE — MADE IN THE USA

Deck Cleats

Traditional styling. Four hole mounting. Burnished bronze.

Part#	Size	Order#
SPT-C-203	6"	**131546**
SPT-C-197	7"	**131542**
SPT-C-207	8"	**131550**

SPARTAN MARINE — MADE IN THE USA

Bronze Herreshoff Cleats

Traditional style, cast bronze cleat. Four hole mounting.

Part#	Size	Finish	Fastener Size	Order#
SPT-C-193	6.5"	Burnished	#12	**749068**
SPT-C-192	8"	Burnished	1/4"	**749070**
SPT-C-202	10"	Burnished	5/16"	**749071**

SPARTAN MARINE — MADE IN THE USA

Bronze Jam Cleat

6" Jam cleat adequately handles up to 3/8" line. Four hole mounting for 1/4" fasteners. Burnished bronze.
SPT-C-195 **Order# 131541**

Bronze Jam Cleat

3" Jam cleat adequately handles up to 1/4" line. Two hole mounting for #8 fasteners. Burnished bronze.
SPT-C-187 **Order# 131540**

SPARTAN MARINE — MADE IN THE USA

Closed Base Cleats

SEADOG LINE

Polished brass. Takes two (2) flat-head fasteners.

Length	Order#
3"	**731972**
4"	**731973**
5"	**731974**

PERKO — MADE IN THE USA

Closed Base Cleat

Chrome plated zinc alloy. 4-1/2" overall length. Base: 4-7/16" x 1-7/8". Max rope size: 1/2". Takes #10 screws.
PKO-566DP4CHR
Order# 156115

SEADOG LINE — WILCOX CRITTENDEN

Awning Type Line Cleats

Size	Type	Order#
2.5"	Aluminum	**142979**
4-7/16"	Chrome Plated Zinc	**142783**
6"	Aluminum	**142982**

Nylon Cleats

Standard black color is U.V. resistant.

Part#	Length	Fastener	Max. Rope Diameter	Order#
MT-0433-B	4-1/4"	3/16"	5/16"	**124075**
MT-0421-B	6"	1/4"	7/16"	**124068**
MT-0439-B	8"	5/16"	5/8"	**124079**
MT-0442-B	10"	5/16"	1"	**124080**

Premium Nylon Cleats

The strongest, highest impact nylon cleat currently available. Maintains strength in cold weather.

Part#	Length	Description	Rope Diameter	Order#
MRE-2100	3-1/2"	2 Hole	1/4"	**147900**
MRE-2101	4"	2 Hole	5/16"	**147901**
MRE-2102	5"	2 Hole	3/8"	**147902**
MRE-2103	6"	2 Hole	7/16"	**147903**
MRE-2104	7"	4 Hole	1/2"	**147904**
MRE-2105	8"	4 Hole	5/8"	**147905**

SCHAEFER MARINE

Anodized Aluminum Open Base Cleats

Black cast aluminum with a hardcoat anodized finish. 2 hole cleat.

Part#	Length	Max line	Order#
SCH-70-94	4"	3/8"	**129958**
SCH-70-96	6"	5/8"	**129960**

SEADOG LINE

Clam Cleats

Part#	Rope Size	Description	Order#
A. SD-002020	1/4"-3/8"	Horizontal	**130338**
B. SD-002060	1/4"-3/8"	Lateral Starboard	**130342**
C. SD-002070	1/4"-3/8"	Lateral Port	**130343**
D. SD-002030	1/8"-1/4"	Junior	**130339**
E. SD-002090	3/16"-5/16"	Midi	**130344**
E. SD-002010	1/4"-1/2"	Vertical	**130337**
E. SD-002040	1/8"-1/4"	Mini	**130340**
E. SD-002050	3/8"-5/8"	Major	**130341**

Johnson Marine Hardware — C. Sherman Johnson Co., Inc.

Rail Mount Cleat

A versitile cleat easily mounts to a stanchion or rail 7/8" to 1" diameter. Construction consists of a husky stainless steel bracket and clamp with a 4 1/2 nylon coated aluminum cleat. Use them for fenders and flag halyards. Installation is easily made with a screwdriver. Will accommodate larger sizes with longer clamp.
JON-40-506 **Order# 120674**

SEADOG LINE

Halyard Cleat

Nylon construction with stainless steel mounting plate. Designed to mount on any 3/16" - 5/16" diameter shroud and used for tying off a halyard when not in use. Additional uses include mounting attachments for flags, solar showers, awnings, topping lifts, antennas, etc. 3-7/8" long.
SD-050110-1 **Order# 143143**

316 Stainless Steel Push-Up Cleats

Push down mechanism quickly and easily releases and locks cleats. Flush to the deck streamlined design, only 1/2" high in closed position. Narrow silhouette will fit most gunwales. Positive lock mechanism eliminates rattling in open or closed position. Built in barbed drain holes. Welded stud design. Cleats require two nuts and two washers each; size needed indicated in table below.

Part#	Size	Overall L x W x D	Fastener	**Order#**
WTC-6809	6"	7" x 1.5" x 2.88"	3/8"	**174656**
WTC-6810	8"	9.25" x 1.75" x 4"	3/8"	**157623**

Stainless Steel Flat Top Cleat

No buttons, no springs. These fold down, flush to the deck, 316 stainless steel cleats are stronger than conventional cleats! Eliminates dangerous, protruding deck cleats. Easy to install and guaranteed for life!

Part#	Length	**Order#**
FLA-0600	6"	**114173**
FLA-0800	8"	**114174**
FLA-01000	10"	**730746**

Nylon Flat Top Cleat

Made from fiberglass reinforced nylon. Same simple design, only one moving part. Eliminates protruding cleats, reduces injuries, prevents tangled lines.

Part#	Length	**Order#**
FLA-0650	6"	**755819**
FLA-0850	8"	**757730**

Accon Marine

Fold Down Cleats

Mounts on surface of boat. No cut-outs or hole saws required. These cleats lock down when not needed, and spring up when release button is pushed in. No drain tubes or drain receptacles required. They do not leak into the boat. The most simple installation of any retractable cleat in the industry. Constructed of marine grade 316 cast stainless steel. and brightly polished.

Part#	Size	L x W x H	**Order#**
ACM-333-4	4.5"	6.25" x 2.44" x .5"	**737644**
ACM-332-6	6"	7.4" x 3.25" x .67"	**737645**
ACM-332-8	8"	9.9" x 4.32" x .89"	**737646**

Stainless Steel Ski Tow Ring

Ring diameter: 2-1/2", stud length: 2-1/2". Stainless nuts and washers.
WTC-6260 **Order# 762701**

Stainless Steel Push Up Ski Tow Ring

O.D. 2-9/16", Cut-Out 2-1/8", Depth 3-5/8". Flush deck design eliminates protruding ski-tows and pylons. Rotates 360 degrees. Includes aluminum backing plate, stainless steel washer and nut.
WTC-6960 **Order# 762702**

Cleat Type Hawser Pipe

Part#	Type	Flange	Inside Opening	**Order#**
BKA-70HPCS3	S/S	5-1/4" x 9-1/4"	1.5" x 4.5"	**165617**

Stainless Steel Herreshoff Yacht Cleats

4" size is Sea-Dog brand, all others are Suncor Stainless

Size	Cleat	Backing Plate
4"	**731970**	–
6"	**130297**	**757163**
8"	**130298**	**757162**
10"	**130299**	**757161**
12"	**130300**	**757160**

Blue Water Cleat

Heavy Duty 316 Stainless Steel.
SCR-S31

Size	Cleat	Backing Plate
8"	**130301**	**757159**
10"	**130302**	**757158**
12"	**130303**	**757157**
15"	**130304**	**757156**

Trimline Cleat

316 Stainless Steel. Precision Cast.
SCR-S320

Size	Cleat	Backing Plate
4"	**153395**	**757155**
6"	**153396**	**757154**
8"	**130305**	**757153**

Open Base Boat Cleat

Galvanized Iron

Part#	Length	Screw/Bolt	**Order#**
PER-92-5-G	5"	#12	**732466**
PER-92-6-G	6"	#14	**126304**
PER-92-8-G	8"	#16	**126306**
PER-92-10-G	10"	3/8"	**126291**
PER-92-12-G	12"	7/16"	**126293**
PER-92-14-G	14"	7/16"	**126295**
PER-92-18-G	18"	5/8"	**149118**

Heavy Duty Dock Cleats

Hot dipped galvanized. Takes hex head fasteners. Center to center mounting.

Part#	Length	Height	Base	Center to Center	Fastener	**Order#**
SD-040810	10"	3-1/2"	4-13/16"	2-1/2"	1/2"	**742501**
SD-040812	12"	3-3/4"	7"	3-7/16"	5/8"	**144080**

Stainless Steel Swivel Snap Hooks

Length	Eye ID	Line Dia	Order#
3-3/8"	5/8"	3/8"	**732406**
4"	3/4"	3/8"	**732407**
4-1/2"	7/8"	5/8"	**732408**

Galvanized Swivel Snap Hooks

Length	Eye ID	Line Dia	Order#
2-7/8"	5/8"	3/8"	**142902**
#3	3/4"	5/8"	**142906**
#5	1-1/8"	3/4"	**142908**

Special!

WILCOX CRITTENDEN

Galvanized Snaps

With fast eye
WC-249

WILCOX CRITTENDEN

Length	Eye ID	Line Dia	Order#
2 1/2"	3/8"	1/4"	**142885**
3 5/8"	11/16"	3/8"	**142887**
4 3/4"	7/8"	5/8"	**142891**

Special!

SUNCOR Stainless

316 Stainless Steel Harness Clip with Key Ring

2-3/8". Ends of clip are forged. 1" key ring is stainless steel, then nickel plated.
Order# 153363

SUNCOR Stainless

Swivel Eye Snap

7/8" eye, 4.62"L with 1/2" snap opening.
Order# 157857

Snap Hook with Trigger

Nickel-plated. Eye Size 5/8".
Overall Length 3".
BTZ-5013N-63 **Order# 151101**

SUNCOR Stainless

Spring Clip

CAST C0120

Size	WLL lbs.	Order#
2"	120	**130171**
2-3/8"	150	**130172**
2-3/4"	200	**153346**
3-1/8"	300	**130173**
3-7/8"	400	**130174**
4-5/8"	500	**139509**

Stainless Steel Safety Hook w/locking nut

Size	Length	Order#
3/8"	4"	**130295**
7/16"	5"	**130296**

Snap Hooks

Length	Eye	Snap Opening	Brass	Stainless
2-1/8"	3/8"	1/4"	**105135**	**732402**
2-7/8"	5/8"	3/8"	**105136**	**732403**
3-1/4"	3/4"	5/8"	**105137**	**732405**
3-7/8"	7/8"	1-1/16"	**105138**	-

SEADOGLINE

Brass Snap Hook

Size O. Eye Size 7/16". Overall Length 2-1/8". Snap Opening 1/4".
SD-139120-1 **Order# 731975**

Brass Snap Hook

1/4 Ton, 4-1/8" long
with 3/4" snap opening.
Order# 105142

Brass Swivel Snap

Length	Eye	Snap Opening	Order#
3-1/4"	5/8"	3/8"	**105139**
3-3/4"	3/4"	1/2"	**105140**
4-1/2"	7/8"	5/8"	**105141**

Coleman Hook

WILCOX CRITTENDEN

3/8" Polished Bronze. WC-2560-38
Order# 732410

Brass Swivel Snap Hook

Eye Size 1/2". Overall Length 2-3/8".
BTZ-5055B **Order# 105151**

Swivel Trigger Brass Snap

Part#	Eye Size	Length	Order#
BTZ-5013B	1/2"	2-1/2"	**105149**
BTZ-5013B-75	3/4"	2-1/2"	**105150**

Brass Swivel Snap Hook

Eye Size	Length	Snap Opening	Order#
5/8"	3-1/8"	3/8"	**105131**
3/4"	3-1/4"	3/8"	**105132**
1"	3-1/2"	7/16"	**105133**
1-1/4"	4-3/4"	1/2"	**105134**

Double Ended Brass Snap

Overall Length	Snap Opening	Order#
3-1/2"	3/8"	**105119**
4-1/2"	1/2"	**105120**

SEADOG LINE

Single Coat Hooks

Highly polished brass or chrome over cast brass. Uses two #6 FH screws. Sold per pair.

Part#	Type	Distance From Wall	Base Height	Base Width	Order#
A. SD-671505-1	Brass	1-7/8"	2-1/16"	3/4"	**732021**
B. SD-671501-1	Chrome	1-3/4"	1-9/16"	7/8"	**732020**
B. SD-671506-1	Brass	1-3/4"	1-9/16"	7/8"	**732022**

SEADOG LINE

Double Coat Hooks

Highly polished brass or chrome over brass. A low profile design and knobs at the hook ends. Cast brass construction. Uses two #6 screws. Distance from wall: 1-9/16", base size: 1-1/2" x 7/8". 1/2" between screw holes. Sold per pair.

Part#	Type	Order#
SD-671510-1	Chrome	**732023**
SD-671515-1	Brass	**732024**

SEADOG LINE

Triple Coat Hooks

Uses two #6 screws. Distance from wall: 1-7/16", vertical height: 4-5/8". Width: 3-1/4".

Part#	Type	Order#
SD-671520-1	Chrome	**735592**
SD-671525-1	Brass	**732025**

PERKO

Double Utility Hook

Chrome plated zinc alloy. Projection: 3/4". Base width: 1". Uses two #6 fasteners.
PKO-1106DPCHR **Order# 126749**

SEADOG LINE

Folding Coat Hook

Chrome plated brass. Overall height: 5-1/2". Overall width, flat: 5-1/4". Base height: 3-1/4". Base width: 1-1/2".
SD-671540-1 **Order# 747492**

SEADOG LINE

Fender Hook

Chrome plated brass. 1-5/16" D x 1-1/4" W. Will accommodate 3/8" line. Use # 8 fasteners.
SD-672520-1 **Order# 143471**

SEADOG LINE

Hammock Hooks

304 stainless steel. Use # 6 fasteners. 1-1/4"W x 1-5/16"L x 1/2" projection. Sold in pairs.
SD-671460-1 **Order# 143445**

SEADOG LINE

Lashing Hook

304 stainless steel. 5/16" x 2-3/4" long.
SD-195210-1 **Order# 152114**

Nylon Lash Hooks

Part#	Description	Color	Order#
MT-0460-B	One holes	Black	**124100**
MT-0420-B	Two holes	Black	**124066**
MT-0420-N	Two holes	White	**124067**

SEADOG LINE

Pull Handle

Chrome plated brass. 4-3/4"L x 1-1/2"H. Use # 10 fasteners.
SD-222340-1 **Order# 143470**

SEADOG LINE

6" Lift Handle

Chrome plated brass. 6" L x 1-7/8" W. Uses four #8 flat head fasteners.
SD-222355-1 **Order# 731952**

SEADOG LINE

Deluxe Lift Handles

Highly polished brass or chrome. Rounded grips with no sharp edges.

Part#	Type	Length	Width	Height	Fastener	Order#
SD-222345-1	Chrome	4"	1"	7/8"	#8 FH	**731948**
SD-222346-1	Brass	4"	1"	7/8"	#8 FH	**731949**
SD-222348-1	Chrome	6"	1-5/16"	1-1/16"	#10 FH	**731950**
SD-222349-1	Brass	6"	1-5/16"	1-1/16"	#10 FH	**731951**

Bow Handle

Bow handle for daysailors. Chrome plated zinc alloy. Overall length: 6-1/2". Height above deck: 2". Uses four #8 screws.PKO-1234DP0CHR
Order# 742117

SPARTAN MARINE

Lift Ring and Strap

Rugged towing or lifting ring and strap, ideal for small dinghies and tenders. Cast bronze with smooth tumbled finish. The ring measures 3/8" thick with a 2" OD. Two 1/4" mount holes are provided in each strap.

Part#	Desc	Order#
SPT-S-621	Strap	**131566**
SPT-R-588	Ring	**131562**

SPARTAN MARINE

Flush Drop Ring

Solid bronze ribbed ring provides easy grip for lifting. Ring hides away in recess to provide flush surface when not in use. Burnished bronze.
SPT-R-603 **Order# 131563**

SUNCOR Stainless

Anchor Eye

Size #1 fixed, grade 316 stainless steel. Works with most webbing clips, takes #8 screws.
SCR-S3701-0001 **Order# 153398**

SUNCOR Stainless

Stainless Steel "S" Hook

Grade 316 stainless steel for maximum corrosion resistance and durability.

Part#	Size	WLL	Order#
SCR-S0178-0003	1/8"	50 lbs	**152962**
SCR-S0178-0004	5/32"	80 lbs	**153185**
SCR-S0178-0005	3/16"	120 lbs	**153187**
SCR-S0178-0006	1/4"	200 lbs	**145708**
SCR-S0178-0008	5/16"	300 lbs	**153188**

WHITECAP

Compression Handles

316 stainless steel handle/black nylon body lock compression handle 1-3/8"shaft. 3" OD.

Part#	Type	Order#
WTC-6228B	Locking	**741471**
WTC-6230B	Non-Locking	**741472**

WHITECAP

Non-Locking Stainless Steel Compression Handle

316 stainless steel handle and body. 2-1/2" cutout, 3" OD. Includes fastener.
WTC-S-235 **Order# 763907**

WHITECAP

Mini Non-Locking Stainless Steel Compression Handle

316 stainless steel. 1-7/8" OD. Includes fastener.

Part#	Description	Order#
WTC-S-239	Handle Only	**763908**
WTC-S239C	With Cam	**741475**

WHITECAP

Slam Latch

316 Stainless steel. Flange: 2-3/8", Depth: 15/16", fastener included.

Part#	Type	Order#
WTC-S227	Non-Locking	**169947**
WTC-S228	Locking	**169948**

SEADOG LINE

Round Ring Pulls

Use three #8 flat head fasteners.

Part#	Size	Type	Order#
SD-222461-1	1-5/8"	Brass	**731961**
SD-222465-1	2"	Chrome	**731962**

PERKO

Flush Round Ring Pull

Chrome plated zinc alloy. O.D. faceplate: 2". Uses three #6 fasteners.

Part#	Size	Order#
PKO-1232DP1CHR	1-5/8"	**126817**
PKO-1232DP2CHR	2"	**126818**

SEADOG LINE

Locking Lift Ring

Surface mount locking ring pull. 304 stainless steel with die cast zinc lock. Faceplate dimensions: 2-1/8" x 1-15/16". Two matching keys included.
SD-221831-1 **Order# 143153**

WHITECAP

Ring Pulls

Polished Brass

Part#	Size	Fastener	Order#
WTC-S3362BC	2" x 2-1/2"	#6	**734049**
WTC-S3364BC	2" x 3"	#8	**734048**

SEADOG LINE

Ring Pulls

Chrome or brass over die cast brass.

Type	Size	Fastener	Order#
Chrome	1.5" x 1.75"	#6	**142714**
Brass	1.5" x 1.75"	#6	**731957**
Chrome	2" x 2.5"	#8	**142715**
Brass	2" x 2.5"	#8	**731959**

SEADOG LINE

Flush Ring Pull

Stainless steel. 1-15/16" x 1-9/16" Use # 8 fasteners.SD-221850-1
Order# 143490

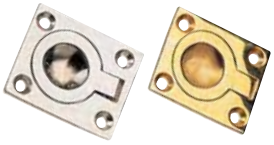
SEADOG LINE

Spring Loaded Flush Ring Pull

Stainless steel. 2-9/16" x 2-3/16". Use # 8 fasteners.
SD-221810-1 **Order# 143491**

SEADOG LINE

Ring Pulls



Takes four #4 flat head fasteners.

Part#	Type	Order#
SD-222395-1	Brass	**731955**
SD-222390-1	Chrome	**731954**

PERKO

Flush Ring Pull

Chrome plated zinc alloy. Face plate dimensions: 1-3/4" x 1-3/8". Uses four #6 fasteners.
PKO-841DPCHR **Order# 127232**

PERKO

Flush Ring Pull

Chrome plated bronze. Face plate dimensions: 2-9/16" x 2". PKO-1103DPCHR
Order# 126748

PERKO

Flush Ring Catch

Chrome plated zinc alloy. 2-1/4" x 1-3/8". Use six #6 fasteners. PKO-1051DPCHR
Order# 126725

SEADOG LINE

Hatch Handle/Lock

Adjustable locking arm allows this handle to be used in a variety of applications. Once installed, the locking arm can be trimmed to length. Uses #8 flat head fasteners.

Type	Base	Total Length	Order#
Brass	3-1/8" x 2-11/16"	4-5/16"	**732007**
Brass	3-3/4" x 3"	5-5/16"	**732008**
S/S	3-3/4" x 3"	6"	**731943**

PERKO MADE IN THE USA

Flush Lifting Handles

Chrome plated bronze. Uses four #8 screws.

Part#	Size	Order#
PKO-776DP1CHR	3" x 2-1/4"	**127201**
PKO-776DP2CHR	3-3/4" x 2-3/4"	**127202**

SEADOG LINE

Flush Lift Handle

3" x 2-1/8" Use # 8 FH fastener.
Chrome-plated brass
SD-222420-1 **Order# 146662**

Stainless Steel
SD-221860-1 **Order# 731944**

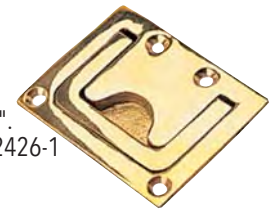
SEADOG LINE

Spring Loaded Lift Handle

Stainless steel. 3" x 2 1/4". Use # 8 fasteners. SD-221820-1
Order# 143570

SEADOG LINE

Hatch Handle



Cast brass. 2-15/16" x 2-3/16". Uses #8 FH fasteners. SD-222426-1
Order# 731960

SPARTAN MARINE

Flush Ring Pull

Cast bronze. Offers many applications where lifting or pulling device is preferred. Flush when not in use. Four #10 mount fasteners. 3" x 2-3/8"

Part#	Metal	Order#
SPT-P-594	Burnished Bronze	**131559**
SPT-P-594PB	Polished Bronze	**131560**

PERKO MADE IN THE USA

Flush Pull

Chrome plated zinc alloy. Face plate dimensions: 3-11/16" x 1-11/16". Depth: 7/16". Four #6 fasteners. PKO-1110DPCHR
Order# 126751

PERKO MADE IN THE USA

Door Hooks
Chrome plated zinc. Takes #6 screws.

Part#	Length	Order#
PKO-1287DP1CHR	2"	**126838**
PKO-1287DP3CHR	3"	**126839**

SEA-DOG LINE

Cabin Door Hooks
Chrome plated brass.

Part#	Length	Order#
SD-222112-1	2"	**143546**
SD-222113-1	2-3/4"	**145785**

SEA-DOG LINE

Cabin Door Hooks
3" stainless steel. Eye has plastic bushing.
SD-221203-1 **Order# 147155**

SEA-DOG LINE

Decorative Cabin Door Hooks
Use four #6 flat head fasteners.

Size	Type	Order#
1-1/2"	Brass	**731998**
2"	Chrome	**731999**
2"	Brass	**732000**
2-1/4"	Brass	**732002**
3"	Chrome	**732003**
3"	Brass	**732004**
3-1/4"	Brass	**732005**

Door Holder
Stainless steel. 1.38" L x .75" W x 1" H. Uses #4 fasteners.
GPI-1336 **Order# 115850**

Door Latch
Black plastic construction. .44" L x 1.5" W x .75" H. Uses #4 fasteners.
GPI-1540
Order# 115886

SEA-DOG LINE

Push Button Rim Latch
Plastic housing. Comes with 90° and flat striker plate.
1-15/16"W x 1-7/8"D.
Distance between holes: 2-1/16".

Part#	Button Finish	Order#
SD-224301-1	Polished Brass	**150263**
SD-224300-1	Polished Chrome	**150261**

SEA-DOG LINE

Elbow Latches
1-1/8" projection x 1-5/16" high.
Use #6 fasteners. Sold by the pair.

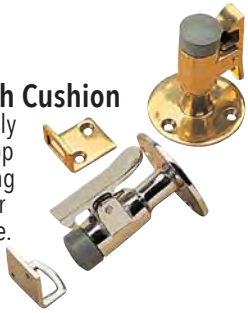
Part#	Finish	Order#
SD-222335-1	Brass	**143454**
SD-222330-1	Chrome	**143453**

SEA-DOG LINE

Nylon Door Latch
Injection molded nylon.
1/2" x 1-3/16". 4 sets to a pack.
SD-227135-1
Order# 143605
/4-pack

SEA-DOG LINE

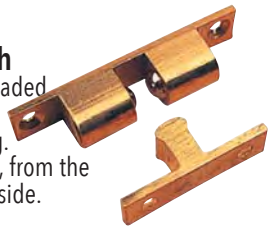
Door Holders with Cushion
Holds the door securely against the rubber stop reducing rattles. Spring loaded latch allows for quick and easy release.
2" base dia.



Type	Length	Fastener	Order#
Brass	2-1/2"	#6 FH	**732972**
Stainless	2-1/2"	#7 FH	**731996**
Stainless	4"	#6 FH	**731997**

SEA-DOG LINE

Brass Stud Catch
Adjustable spring loaded ball catch. Stainless steel ball and spring. Strike enters 3 ways, from the front or from either side.
Sold per pair.



Length	Width	Fastener	Order#
1-15/16"	3/8"	#4 FH	**732010**
2-5/16"	7/16"	#6 FH	**732011**

PERKO

Door Catch
Stainless steel clip with chrome plated zinc alloy arrow. Clip base dimensions: 1-3/8" x 7/16". Arrow base dimensions: 1-5/8" x 3/4". Uses four #8 screws.
PKO-1065DPCHR **Order# 139647**

PERKO

Cupboard Bolt
Chrome plated zinc alloy with black polymer slide and knob. Overall dimensions: 2-1/8" x 1-1/2".
Uses six #6 screws. PKO-1101DPCHR
Order# 126746

Lockable Latches
Stainless steel.

2-7/8"
GPI-1626 **Order# 757414**

4" x 1-1/2"
GPI-1628 **Order# 151175**

Spring Loaded Slide Bolt and Latch
316 Stainless steel.
WTC-S588C
Order# 741474

WHITECAP

WHITECAP

Barrel Bolt
Chrome plated brass. 4" long. Uses six #6 fasteners.
WTC-S0586C **Order# 137036**

SEA-DOG LINE

Barrel Bolt
Chrome plated cast brass. 2-7/8" x 3/4".
Takes six #5 FH. SD-222522-1
Order# 150162

SEA-DOG LINE

Barrel Bolts
Chrome plated extruded brass.

Part#	Length (less striker)	Fastener	Order#
SD-222500-1	1-1/2"	#5 FH	**149516**
SD-222501-1	2"	#5 FH	**143468**
SD-222503-1	3"	#5 FH	**143469**

Brass Barrel Bolts

WHITECAP

Part#	Length	Fastener	Order#
WTC-S0585BC	2-1/2"	#5	**734040**
WTC-S0586BC	4"	#6	**734041**

PERKO

Flush Lock & Latch

Flush lock with two keys. Black Polymer, chrome plated zinc alloy. Stainless steel stem and lock nut. Adjustment cam bar: 3/8" to 3". Face plate dimensions: 2-1/2" x 2-1/2".
PKO-931DP2BLK **Order# 127274**

PERKO MADE IN THE USA

Latch and Lock Set

Chrome plated zinc. For door thickness 5/8 to 1-3/8 inches. Reverse bevel with flush strike. Locks by turn button from inside or key from outside. PKO-919DP0CHR
Order# 127264

PERKO MADE IN THE USA

Mortise Latch Set

Chrome plated zinc. Turn button lock. Bevel can be reversed during installation. For door thickness 1"-1-3/8".
PKO-960DPCHR **Order# 127305**

PERKO MADE IN THE USA

Mortise Latch Set

Chrome plated zinc alloy. Locks by turn button from inside or key from outside. Bevel can be reversed during installation. For door thickness 1"- 1-3/8".
PKO-927DPCHR **Order# 127270**

PERKO MADE IN THE USA

Rim Latch Set

Chrome plated zinc alloy. Sliding lock button. Bevel with box strike. For door thickness 5/8" - 1-3/8".

Reverse Bevel
PKO-1028DPCHR
Order# 126718

Regular Bevel PKO-928DPCHR
Order# 127271

BUCK ALGONQUIN

Stainless Steel Transom Door Latch

Heavy duty and handsome. 6.5" long x 3". Use #10 fastener. Weight 1 lb.
BKA-70TDLS625 **Order# 103996**

SEADOG LINE

Heavy Duty Hasp

5-7/8" L x 1-9/16" W. Uses eight #8 fasteners. Maximum height: 1-1/4". Outside of hinged end to center hasp: 3-1/4".

Part#	Finish	Order#
SD-222150-1	Chrome	**731946**
SD-222155-1	Brass	**731947**

SEADOG LINE

Safety Hasps

304 Stainless steel. Use #6 FH fasteners.

Part#	Size	Order#
SD-221120-1	2-11/16" x 1-1/16"	**143154**
SD-221124-1	3-13/16" x 1-1/16"	**143449**

SEADOG LINE

Safety Hasp

Chrome-plated brass. 3" x 1". Use #6 FH fasteners.
SD-222120-1 **Order# 143450**

SEADOG LINE

Heavy Duty Swivel Hasp

304 Stainless steel. 3-1/8" x 1-1/8". Use #8 FH fasteners.
SD-221135-1 **Order# 143451**

SEADOG LINE

Swivel Hasp

Stamped 304 stainless steel. 2-11/16" L x 1-1/16" W. Uses #8 FH fasteners. Maximum height: 7/8". Outside of hinged end to center of swivel: 2-1/16".
SD-221130-1 **Order# 143155**

SEADOG LINE

Swivel Hasp

Cast brass. Takes #6 FH fasteners. 3" L x 1" W.
SD-222135-1 **Order# 731945**

SEADOG LINE

Lockable Hasp

Stainless steel and chrome plated brass. 2 Keys. 3-1/8" x 1-1/4" SD-221150-1 **Order# 143157**

PERKO MADE IN THE USA

Hold-Down Clamp

Chrome plated bronze, right angle mounting. 2-1/2" L x 1-1/2" W, uses #8 screws.
PKO-1113DPCHR **Order# 126752**

SEADOG LINE

Door Buttons

Highly polished brass or chrome. Spring loaded knob has nylon bottoms on underside to prevent scratching. Will not rattle. Uses #6 screws.

Part#	Finish	Overall Dia.	Order#
SD-222365-1	Brass	1-3/4"	**146530**
SD-222360-1	Chrome	1-3/4"	**146529**

SEADOG LINE

Butt Hinges

Stamped 304 stainless steel.
Use # 8 fastener. Sold per pair.

Part#	Size	Order#
SD-201580-1	1-3/8" x 1-1/2"	**143422**
SD-201582-1	2" x 2"	**143452**

SEADOG LINE

Butt Hinges

Stamped 304 stainless steel.
Uses four #8 FH fasteners.
Sold by the pair.

Part#	Width x Length	Order#
SD-201071-1	1-5/8" x 2"	**150588**
SD-201073-1	1-3/4" x 2"	**150591**
SD-201072-1	2" x 2"	**150592**
SD-201080-1	2" x 3"	**150593**
SD-201081-1	3" x 3"	**150594**

SEADOG LINE

Removable Pin Butt Hinges

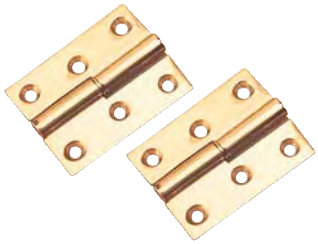
Cast brass. Sold in pairs.

Part#	Size	Fastener	Order#
SD-204611-1	1-5/8" x 1-5/8"	#6 FH	**731450**
SD-204616-1	1-5/8" x 2"	#6 FH	**731451**
SD-204621-1	2" x 2"	#6 FH	**731452**
SD-204626-1	2" x 2-1/2"	#8 FH	**731453**
SD-204631-1	2-1/2" x 2-1/2"	#8 FH	**731454**

SEADOG LINE

Take Apart Butt Hinges

Cast Brass. 1-1/2" L x 1-1/2" W overall.
End to center pin 3/4". Sold in pairs.



Part#	Side	Order#
SD-204511L-1	Left	**740204**
SD-204511-1	Right	**744955**

ABUS Padlocks

Tough security, with a lifetime warranty.

Description	Size	Shackle	Order#
Single Brass	1-1/4"	3/16"	**100478**
Single Brass	1-1/2"	1/4"	**100484**
Single Brass	2"	9/32"	**100492**
3-pk Keyed Alike	1-1/4"	3/16"	**100481**
3-pk Keyed Alike	1-1/2"	1/4"	**100489**
Vinyl Clad Brass	1"	5/32"	**100500**
Vinyl Clad Brass	1-1/4"	3/16"	**100502**
Vinyl Clad Brass	1-1/2"	1/4"	**100504**
Vinyl Clad Brass	2"	9/32"	**100506**

Abus Marine Resettable Lock

A non-corrosive brass combination padlock with 5/16" S/S shackle. Resettable four digit combination. Lifetime warranty.
ABU-15812 **Order# 144098**

SEADOG LINE

316 Stainless Steel Hinges

4-1/8" x 1-1/2". Use # 10 fasteners.
SD-205420-1 **Order# 143487**

SEADOG LINE

Stainless Steel Hinges

2-7/8" x 1-1/2".
Use # 8 fasteners.
SD-201530-1 **Order# 143417**

SEADOG LINE

Short Side Door Hinges

2-1/8" x 1-1/2". 304 stainless steel.
SD-201510-1 **Order# 143152**

SEADOG LINE

Stainless Steel Hinge

Cast 316 stainless steel.
1-5/8" x 1-1/2" x 3/16".
SD-205140-1 **Order# 146660**

PERKO MADE IN THE USA

Door Hinges

Chrome plated brass hinge 3"L x 1-1/2" W. Sold per pair. PKO-924DPCHR
Order# 127269

SEADOG LINE

Flush Mount Concealed Hinge

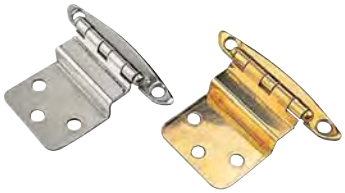
Stamped 304 Stainless/Polished Brass.
2-3/4" x 1-7/8". Takes #6 FH screw. Sold per pair.

Part#	Material	Order#
SD-201954-1	Stainless	**731458**
SD-201955-1	Brass	**731459**

SEADOG LINE

Semi-Concealed Hinges

Stamped 304 Stainless/Polished Brass.
2-3/4" x 2-1/8 offset". Takes #6 FH screw.
Sold per pair.



Part#	Material	Order#
SD-201914-1	Stainless	**731456**
SD-201915-1	Brass	**731457**

SEADOG LINE

Table Brackets

For mounting table on wall. Stamped 304 stainless steel. Set includes two wall and two table brackets. Use # 8 FH fasteners.
SD-221320-1 **Order# 146664**

BUCK ALGONQUIN

Ladder Brackets

Sold only in sets of right and left hand pairs.
Stainless steel. BKA-70LB **Order# 164428**

SEADOG LINE

Flush Two-Pin Hinge

3-1/4" x 1-3/16". Stainless steel.
Use # 6 fasteners. SD-201550-1
Order# 143482

Strap Hinges

SEADOG LINE

Rugged cast brass. Chrome-plated.
Use # 8 fasteners. Sold in pairs.

Part#	Size	Order#
SD-204390-1	3-7/8" x 1-1/16"	**143429**
SD-204400-1	5-5/8" x 1-1/16"	**143430**

Strap Hinges

SEADOG LINE

Stainless steel.
Use # 10 fasteners. Sold in pairs.

Part#	Size	Order#
SD-205390-1	4-1/8" x 1"	**143444**
SD-205400-1	5-7/8" x 1-1/8"	**143433**

Strap Hinges

SEADOG LINE

Brass. Use # 10 fasteners. Sold in pairs.

Part#	Size	Order#
SD-204391-1	4" x 1-1/16"	**731936**
SD-204401-1	6" x 1-5/16"	**731937**

WHITECAP

Strap Hinges

Polished brass. Uses #10 fasteners.
6" L x 1-1/8" wide. Sold in pairs.
WTC-S0605BC **Order# 734043**

Port Hinges

Galvanized malleable iron. Brass pins.
Measure the whole length when open.
Sold in pairs. 4" long and uses #10 screw.
PER-142-4-G **Order# 126208**

SEADOG LINE

Take Apart Hinge

Stainless steel. 1-1/2" x 1-1/2" each. Uses #10 FH fasteners.
Left Door
SD-201586 **Order# 746138**

Right Door
SD-201585 **Order# 746137**

SEADOG LINE

Take Apart Hinge

Stainless steel. Ideal for motor box. Take apart feature lets you remove box for engine work.
3-1/2" x 2". Uses # 10 fasteners.
Left Hung Door
SD-205270-1 **Order# 143405**

Right Hung Door
SD-205275-1 **Order# 130354**

SEADOG LINE

Hatch or Motor Box Hinge

Chrome plated brass. 2-1/2" x 3"
Use # 10 fasteners. SD-204280-1
Order# 143428

WHITECAP

Brass Hatch Hinge

This brass hatch hinge has a quick release pin, making it ideal for hatches that open both fore and aft. 2-5/8" x 3-1/8". Takes #10 fasteners. WTC-S0990BC **Order# 734047**

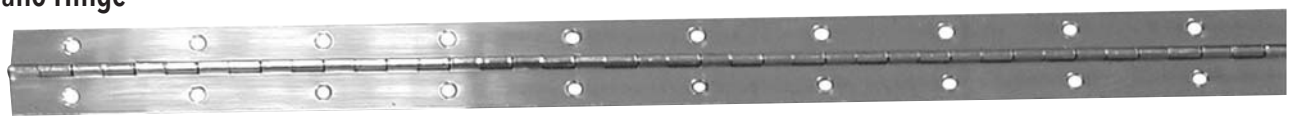
SEADOG LINE

Tee Hinges

Brass. Sold per pair. Takes #8 FH fastener.

Part#	Width	Open	Order#
SD-204706-1	2-3/8"	4"	**731941**
SD-204711-1	3-1/8"	6"	**731942**

Continuous Piano Hinge



Use on hatch covers, windshields, doors, lockers, or wherever a strong hinge is required. Stainless steel has a highly polished or annealed finish.

Part#	Finish	Size	Order#
TCO-H14-0114	S/S Polished	1-1/4" x 6'	**133865**
TCO-H11-114472	Aluminum	1-1/4" x 6'	**138772**
TCO-H14-0112	S/S Polished	1-1/2" x 6'	**133864**
TCO-H14-011272	S/S Annealed	1-1/2" x 6'	**138776**
TCO-H15-011272	Brass Polished	1-1/2" x 6'	**153788**
TCO-H14-020072	S/S Annealed	2" x 6'	**138777**

U.S.C.G. Requirements

Navigation Light

Required on Boats Between Sunset and Sunrise
Recreational boats operating at night are required to display navigation lights between sunset and sunrise. Also, navigation lights should be exhibited from sunrise to sunset in restricted visibility. Although most recreational boats in the United States operate in waters governed by the Inland Navigation Rules, recent changes to the rules have made the general lighting requirements for both the Inland and International rules basically the same. The differences between them are primarily in the options available.

Range and Arc of Visibility of Lights
Vessels Less than 20 meters

Light	< 12 meters	12-19.9 meters	Arc
Masthead	2 mile	3 mile	225°
All-Around	2 mile	2 mile	360°
Side	1 mile	2 mile	112.5° ea
Stern	2 mile	2 mile	135°

Power Driven Vessels

1. A power-driven vessel less than 20 meters (65.5 ft.), shall exhibit navigation lights as shown in Figure 1. If the vessel is less than 12 meters (39.4 ft.) in length, it may show the lights in either *Figure 1 or Figure 2.*
2. On a vessel less than 12 meters (39.4 ft.) in length, the masthead light must be 1 meter (3.3 ft.) higher than the sidelights. If the vessel is 12 meters or more in length and less than 20 meters (65.6 ft.), the masthead light must not be less than 2.5 meters (8.2 ft.) above the gunwale.
3. A power-driven vessel less than 7 meters (23 ft.) in length and whose maximum speed cannot exceed 7 knots may, *in International Waters only*, in lieu of the lights prescribed above, exhibit an all-round white light, and shall, if practicable, also exhibit sidelights.

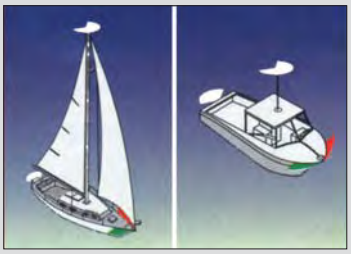


Figure 1

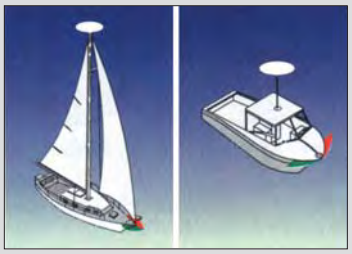


Figure 2

Note: A sailing vessel operating under machinery alone, or under sail and machinery power **is considered a power-driven vessel***, and must follow rules accordingly.*

Sailing Vessels and Vessels Under Oars

1. A sailing vessel less than 20 meters (65.6 ft.) in length shall exhibit navigation lights shown in either *Figure 3 or Figure 4.* She may combine the lights in a single lantern carried at the top of the mast as shown in Figure 5.
2. A sailing vessel less than 7 meters (23 ft.) in length shall , if practicable, exhibit those lights prescribed for sailing vessels less than 20 meters, but if she does not, she shall have ready at hand an electric torch or lighted lantern showing a white light which shall be exhibited in sufficient time to prevent collision *(see Figure 6).*
3. A vessel under oars may display those lights prescribed for sailing vessels, *(Figure 3 or 4)* but if she does not, she shall have ready at hand an electric torch or lighted lantern showing a white light which shall be exhibited in sufficient time to prevent collision *(see Figure 7).*

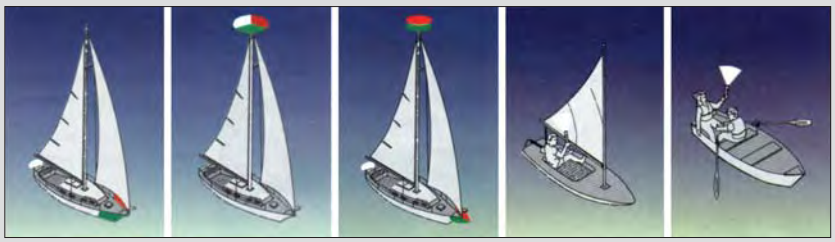


Figure 3 **Figure 4** **Figure 5** **Figure 6** **Figure 7**

Lights Used When Anchored

At Night: Power-driven vessels and sailing vessels at anchor must display anchor lights. However, vessels less than 7 meters in length are not required to display anchor lights **unless anchored in or near a narrow channel, fairway or anchorage or where other vessels normally navigate.** A vessel of less than 20 meters in length at anchor may exhibit an all-round white light visible for 2 miles exhibited where it can best be seen *(Figure 8).* A vessel less than 20 meters in Inland waters when at anchor in a special anchorage area designated by the Secretary of Transportation, is not required to exhibit an anchor light.
During the Day: All vessels at anchor must display, forward where it can be best seen, a black ball shape *(Figure 9).*

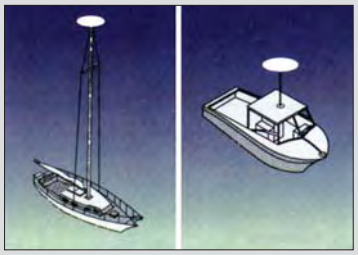


Figure 8

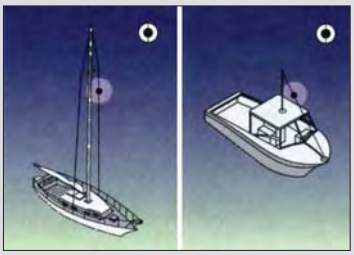


Figure 9

PERKO MADE IN THE USA

White All-Around Pole Light

White translucent globe, black plastic base, 3/4" dia. anodized aluminum tube. Plastic adapters for flat or "V" type mount, fold-down, adjustable angle. 14" high. Base is 2" x 1.5". PKO-1134DPCHR **Order# 126761**

PERKO MADE IN THE USA

All-Around Light Tower/Arch Mount

3/4" dia. anodized aluminum tube, plastic adapter for flat or "V" type mount, contains notch for through-base wiring. Fold-down, adjustable angle. 12 volt bulb included. Reduced glare design, black plastic top with clear fluted lens and frosted globe. Black plastic base. Base: 2" x 1.5", Overall height: 6.75" PKO-1607DP0CHR **Order# 156943**

PERKO MADE IN THE USA

Combination Masthead and White All-Around Light

Black plastic and chrome plated zinc alloy top, black plastic base, 3/4" dia. anodized aluminum tube, fixed mount, vertical height: 5-1/16", Base dimensions: 1" x 2-5/8" PKO-1196DP1CHR **Order# 126788**

PERKO MADE IN THE USA

LED Tower/Arch Folding White All-Around White Light

LED

Black plastic top with clear fluted lens and frosted globe. Reduced glare design. Fold-down, adjustable angle. Black plastic base. 3/4" dia. anodized aluminum tube. Vertical height: 6-3/4", Base dimensions: 2" x 1-1/2". USCG 2nm. PKO-1609DP0CHR **Order# 734103**

PERKO MADE IN THE USA

LED Fixed Mount White All-Around Lights

Black plastic top with clear fluted lens. Fixed mount black plastic base. 3/4" dia. anodized aluminum tube. Base dimensions: 1" x 2-5/8". USCG 2 nm. PKO-1608DP

LED

Vertical Height	Order#
2-5/8"	**734102**
7-1/8"	**734101**

SEADOG LINE

Removable All-Around White Light

26" injection molded nylon/aluminum. Removable pole for storage and comes with a white translucent lens. 12 Volt DC. SD-400112-1 **Order# 157293**

2-Pin Pole Light Mounting Bases

PERKO

Part#	Description	Order#
PKO-1045P00DP	2-1/4" Round, 0°	**126722**
PKO-1059P00DP	Rectangular, 16°	**126727**

PERKO MADE IN THE USA

White All-Around Lights

For use on power driven vessels under 65 feet (20 meters) in length. Available in telescoping type or Stow-A-Way Plug-In type. 2 mile visibility. Complete with 12 volt bulb and 3/4" dia. anodized aluminum tubes. Locking collar on pole. Clear Fresnel globe, black plastic top, chrome plated zinc base. Base dimensions 3-3/4" x 1-5/8". Screw size #8.

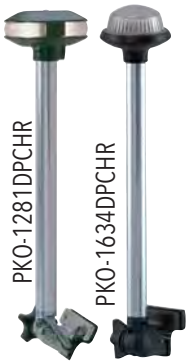
Part#	Pole Length	Pole Type	Order#
PKO-1311DP2CHR	24"	Telescoping	**126854**
PKO-1311DP3CHR	30"	Telescoping	**126855**
PKO-1311DP4CHR	36"	Telescoping	**126856**
PKO-1330DP2CHR	24"	Stow-A-Way	**126863**
PKO-1330DP3CHR	30"	Stow-A-Way	**126864**
PKO-337012DP	–	2 Bulbs	**127019**

PERKO MADE IN THE USA

Reduced Glare White All-Around Lights

These redesigned horizontal mount lights provide 2 mile visibility. The new lenses reduce glare created by regular all-around lights. Chrome plated zinc. Base takes #8 screws. Mounts flush top or side.

Part#	Size	Description	Order#
* PKO-1281DPCHR	12-3/4"	Boats Under 39'	**126837**
* PKO-1634DPCHR	14-1/2"	Boats Under 65'	**126892**
PKO-338DP1CLR	2 Pack	Rep. Bulbs for 39'	**127020**
PKO-338DP2CLR	2-Pack	Rep. Bulbs for 65'	**127021**



PERKO MADE IN THE USA

Alpha Series Replacement All-Around Light

Locking and large threaded multi-collar pole, traditional frosted globe, black plastic top, 3/4" dia. anodized aluminum tube, replacement Stow-A-Way Plug-In type, 12v bulb incl., 24" pole. Bases sold separately. PKO-1400DP2CHR **Order# 126869**

Delta Series Replacement All-Around Light

The ultimate replacement pole light. Contemporary styling, plastic top, 12 volt bulb, 3/4" dia. anodized tube, Stow-A-Way Plug-In pole. Wide 40° (±20°) tilt range. 2 screw positions for multiple base applications. Bases sold separately.

Part#	Pole Length	Order#
PKO-1470DP4CHR	36"	**165395**
PKO-1470DP5CHR	42"	**165396**
PKO-1470DP6CHR	48"	**165397**

PERKO MADE IN THE USA

LED Universal White All-Around Lights

LED

Black plastic top with clear fluted lens. 2 collars (threaded and locking). 2 screw positions. Wide 40° adjustable head. Gold plated contacts. Certified for use on power driven vessels under 65.6'. Reduced glare globe preserves night vision. USCG 2 nm. 12 volt LED bulbs. 3/4" dia. anodized aluminum tube. *Bases sold separately.*

Part#	Pole	Order#
PKO-1347DP4CHR	36" straight	**734099**

aqua signal

Total Fit All-Round Anti-Glare Pole Lights

Universal design fits most OEM installed plug-in bases. For non-standard plug-in poles. Adjustable head up to 15° to accommodate varying angled bases. Certified to USCG and ABYC A-16 2nm standard for vessels up to 65'. Gold plated electrical contacts for corrosion resistance. Anti-glare feature.

Part#	Pole Length	Order#
AQS-22246-7	24"	**734128**

TOTAL FIT

Series 20 For Power Vessels Less Than 12m. (39ft.)

Highly efficient 5 watt halogen bulb produces an intense beam while consuming less than .417 amps at 12 volts. Housings are molded glass-reinforced polycarbonate that will look just as good in years to come as they do today! Deck mount lights are quickly and economically installed with the use of a single built-in, molly-style fastener. A gasket with pressure-sensitive adhesive also serves as the drilling and mounting template.

Model#	Description	Housing	Min. Visibility	Mount	H x B x D	Order#
20202-7	Starboard	Black	1 nm	S	2" x 3" x 1.4"	**102026**
20302-7	Port	Black	1 nm	S	2" x 3" x 1.4"	**102028**
20502-7	Stern Transom	Black	2 nm	TM	2.3" x 3" x 1.5"	**102030**
20040-7	All-around White w/Pedestal Mount	Black	2 nm	T	4" x 2.4"	**102024**
90496-7	Replacement Bulb for above lights 2/pk	–	–	–	–	**732481**
20700-7	Base for 20 series	Black	–	TC	–	**102077**

Mount: S=Side, T=Top/Deck, TM=Transom, TC=Top cutout

Series 25 Boats less than 39.4 ft.

Housing: Combination stainless steel and polycarbonate. Housing is available in either black or white. Please specify when ordering.
Optics: Rigid colorfast acrylic Fresnel lens. Back/side surface is flat for flush mount except all-around (bottom mount). Wire passes through mounting surface. Wire not included.

Model#	Description	Housing	Mount	Order#
25404-7	Masthead	Black	M	**101942**
25400-7	Masthead	Black	B	**101978**
25500-7	Stern	Black	B	**101980**
25300-7	Port	Black	S	**101982**
25200-7	Starboard	Black	S	**101984**
25100-7	Bow/Bi-color	Black	B	**101986**
25000-7	All-around White	Black	*	**101988**
25002-1	All-around Green	Black	*	**101991**
25004-7	All-around Red	Black	*	**101992**
25902-1	Deck Bracket	–	–	**102042**
25903-1	Mast Bracket	–	–	**102043**

Package of 2 Bulbs, 12v/10w

Model#	Description	Order#
90200-7	Pre-2011, Concave	**102092**
90203-7	Post-2011, Convex	**748840**

Mount: M=Mast, B=Back, S=Side, *=Bottom

Series 40 Boats less than 65 ft.

Housing: Combination stainless steel and polycarbonate. Running lights 5-1/8". All-around lights, pedestal 4-7/8", hoistable 8-1/4". QuicFit® system allows easy dismantling for transport and winter storage.

Model#	Description	Housing	Order#
40100-7	Bi-Color	Black	**101963**
40400-7	Masthead	Black	**101960**
40300-7	Port	Black	**101965**
40200-7	Starboard	Black	**101966**
40500-7	Stern	Black	**101961**
40000-7	All-around White	Black	**101968**
40002-1	All-around Green	Black	**101972**
40004-7	All-around Red	Black	**101974**
40600-7	Tri-Color	Black	**101976**
40700-7	Tri-color and Anchor	Black	**101993**
40706-7	Tri-color and Anchor, QuicFit®	Black	**101994**
90002-7	Bulb 12v/25w	–	**102083**
90006-7	Bulb 24v/10w	–	**102086**

Series 41 Boats less than 65 ft.

Housing: Polycarbonate reinforced with fiberglass. Height 4-1/8". Optics: Rigid colorfast acrylic lens. Back side surface is flat for flush mounting with wire port. Wiring not included. Back/side surface is flat for flush mount except all-around (bottom mount). Wire passes through mounting surface. Wire not included.

Model#	Description	Housing	Order#
41400-7	Masthead	Black	**102003**
41500-7	Stern	Black	**102007**
41502-1	Stern, yellow, 135°	Black	**168421**
40000-7	All-around White	Black	**101968**
41200-7	Starboard	Black	**102011**
41300-7	Port	Black	**102014**
41100-7	Bi-Color	Black	**102010**
41901-1	Rail Pulpit Bracket	–	**102046**
41903-1	Deck Bracket	–	**102048**
90005-7	Bulb 12v/10w	–	**102085**
900006-7	Bulb 24v/10w	–	**102086**

Series 55 Boats 65 ft. to 164 ft.

Housing: Polycarbonate, fiberglass reinforced. Other components made of non-corrosive materials. Matte black. Optics: Easy to change, seawater resistant, injection moulded polycarbonate Fresnel lens. Base is the mounting surface. Wiring included; exits side of base. Bulbs not included.

Part#	Description	Order#
55200-1	Starboard	**102002**
55300-1	Port	**102001**
55400-1	Masthead/Bow	**101998**
55500-1	Stern	**102000**
55000-1	All-around White	**101997**
55004-1	All-around Red	**101996**
55002-1	All-around Green	**101995**
90002-7	Bulb 12v/25w	**102083**
90003-7	Bulb 24v/25w	**102097**
900006-7	Bulb 24v/10w	**102086**
90285-1	Bulb 32v/25w	**102098**
90286-1	Bulb 120v/25w	**102099**

800-639-2715

Hella Compact NaviLED® Navigation Lamps

These lamps use less than 10% of the power required to run a bulb navigation lamp of the same visible distance. Port and Starboard lamps consume less than 2 watts combined! No filaments to break. Min. visible distance: 2nm. Operating voltage: Multivolt™ 8-28V DC. Each lamp is a completely sealed unit. High impact housings ensure durability from waves and impact. Pre-wired with 120mm of single core marine cable.

LED

Type	Black	White
Port	730406	730407
Starboard	730408	730409
Stern	730410	730411

Hella NaviLED® Compact Port and Starboard Deck Mount Lamps

Attractive and compact, horizontal surface mount. Ultra-low current draw. Port and Starboard combined draw less than 2W. No bulbs, no maintenance, ultra long life. Multivolt™ 8-28v DC. Fully sealed, high impact housings. UV resistant, enhanced impact-resistant acrylic lens. Pre-wired with 120mm (4.7 inches) of cable. 2 nautical mile viewable distance. Colored outer lens.

Port and Starboard 2-Packs

LED

Part#	Color	Order#
HEL-980620801	Black	731269
HEL-980620811	White	731270

Hella NaviLED®PRO Navigation Lamps

Ultra high levels of visibility, durability and safety with minimal power consumption. 100% correct light output and distribution angles. High impact acrylic housing, sealed, waterproof, UV and corrosion resistant. Pre-wired with 8 ft. of marine cable. Operating voltage: Multivolt™ 9-33 volts DC. Spike and over voltage protected to 200 volts. Reverse polarity protected to -700 volts. Less than 2W power consumption. 2.22"D x 3.42"W x 3.54"H. Distance between mounting screw holes: 1.97". HEL-95990

LED

Type	Minimum Visible Distance	Black	White
Starboard	2 nm	170334	170340
Starboard	3 nm	170331	170343
Port	2 nm	170333	170339
Port	3 nm	170330	170342

Hella NaviLED®PRO Stern and Masthead Lamps

LED

Provide ultra high levels of visibility and safety with minimal current draw - approximately 10% of the energy required to operate a traditional bulb lamp. Reliable illumination with an ultra strong attachment to any surface. Advanced Multivolt™ technology provides consistent illumination and safety from 9-33 volts DC, even under severe voltage fluctuations. Each lamp is completely sealed and waterproof, UV and corrosion resistant with an ultra long service life. No filaments to break, making lamps extremely shock proof, impact resistant and maintenance free. 2.22"D x 3.42"W x 3.54"H. Distance between mounting screw holes: 1.97" HEL-959909

Part#	Type	Min. Visible Distance	Black	White
HEL-9599090	Stern	2 nm	170335	170341
HEL-9599092	Stern	3 nm	170332	170344
HEL-9599402	Masthead	3 nm	730412	730413

Hella NaviLED® 360 Lamps

New!

Single LED efficiency, advanced Multivolt™ electronics and precision optics for reliable and highly visible all round lighting. Completely sealed, highly UV and corrosion resistant. 2 nm. All around light features robust surface mount with three mounting holes.

Part#	Type	Housing	Order#
HEL-980960011	Anchor	White	758392
HEL-980960001	Anchor	Black	755465
HEL-980910011	All Around	White	177181 N

Series 33 LED Navigation Lights

LED

Attractive design. Completely sealed and waterproof with IP66, IP67, IP68 testing and certification. EMC tested and certified. Absolutely maintenance free. Long lifetime and low power consumption (only 0.18 amps). Certified USCG for 2 mile visibility for vessels up to 65'. 12 volt DC supply voltage applications. Nearly identical footprint to series 31 and 32 generation LED's. 2.7"W x 2.05"H

Type	Black	White
Starboard	734638	734639
Port	734640	734641
Stern	734642	734643

Series 34 LED Navigation Lights

Same lights as above, can be used with 12 or 24 volt systems.

Type	Black	White
Starboard	734644	734645
Port	734646	734647

Series 43 LED Navigation Lights

LED

These lights feature the latest energy saving LED technology, a modern design, and optimized size, making them ideal for sport boats up to 50m (164 ft). Housed in either a black or white polycarbonate, these lights are, non-corrosive, and non-magnetic, as well as shock and seawater resistant. The electronics of these lights are completely sealed in the housing, making them highly durable. Patented optics are UV and saltwater resistant. Features 2 LEDs with prism technology, exceeding visibility requirements, and add a redundant safety factor. Visibility: 2 nm.

Model#	Description	Housing	Order#
43100-7	Bi-Color	Black	743105
43200-7	Starboard	Black	743107
43201-7	Starboard	White	743108
43300-7	Port	Black	743109
43301-7	Port	White	743110
43400-7	Masthead	Black	743111
43401-7	Masthead	White	743112
43500-7	Stern	Black	743113
43501-7	Stern	White	743114

INNOVATIVE LIGHTING inc. Portable LED Lights

LED

Molded one piece white body construction. Shock resistant neoprene accents. Rated at 100,000 hours LED service life. Uses 90% less energy than incandescent. Sealed heavy duty on/off switch. Insert molded brass threaded mounting bushings. Removable lamp carriage assembly. Fully buoyant. Requires 4 "AA" batteries. For use on craft less than 22 ft in length and speed less than 8 mph.

Part#	Type	Mount	Order#
INI-560-1110	Bow	Suction Cup	170836
INI-560-2110	Stern	Suction Cup	170837
INI-56317-0	Bow	Clamp	165611
INI-56427-6	Stern	Clamp	165612
INI-560-9900	Bow	Replac. Lens	731267

LOPOLIGHT Highest Quality Navigation Lights

LED

Aluminum Lights,12-20 meter range • 10-32 VDC • Worldwide Type/Approval • 5 Year Warranty • Waterproof IP68

Part#	Description	Mounting	Viewable	Order#
LPO-L300001N	Starboard, 112°	Vertical	2 nm	**756119**
LPO-L300002N	Port, 112°	Vertical	2 nm	**756636**
LPO-L300005N	Stern, 135°	Horizontal	2 nm	**756639**
LPO-L300006N	Stern, 135°	Vertical	2 nm	**756640**
LPO-L300008N	Starboard,112°	Horizontal	2 nm	**756637** N
LPO-L300009N	Port, 112°	Horizontal	2 nm	**756638**
LPO-L200003N	Bi-Color Side Light, 112°/112°	Horizontal	2 nm	**756641**
LPO-L200004N	Bi-Color Side Light, 112°/112°	Vertical	2 nm	**756643**
LPO-L200007SN	Tri-Color Anchor Light, 112°/112°/135°	Horizontal	2 nm	**757222** N
LPO-L200011DLN	Masthead and Deck Light, 225°	Vertical	3 nm	**757073** N
LPO-L200021N	Masthead/Stern/Anchor Light, 360°	Horizontal	3 nm	**757724** N
LPO-L200012N	White Anchor Light, 360°	Horizontal	2 nm	**756644**

DAVIS Mini-Amp Mega Light

Uses only .074 amps per hour! That's under one amp-hour a night! This new anchor/cockpit/utility light is visible for 3 nm. It pays for itself in reduced charging costs. Available in plug-in or hard-wired models.

Part#	Cord	Type	Order#
DAV-3300	15'	Plug-In	**127555**
DAV-3310	12"	Hard-Wire w/Mast Mount	**127556**

aqua signal Series 33 LED Navigation Light

LED

Bi-Color LED light with black housing. Completely sealed and waterproof. Long lifetime: over 20,000 hours. Deck and Flexi Mount for top or bottom of the pulpit. 12 Volt DC. EMC Tested and certified. Certified USCG for 2 mile visibility for vessels up to 65'. Low power consumption.
AQS-33100-7 **Order# 743116**

The lights below are not USCG Approved for new construction. Replacement use only

Flush Transom Light - Requires Cutout

Round stainless steel. 3 1/8" x 1 /14". Hole C/L 2-1/2". 12 Pts./135°/2Mi.
SD-400135 **Order# 142740**
Replacement Bulb
SD-441035-1 **Order# 728318**

Transom Light - Requires Cutout

Stainless steel. 5-1/8" x 3-1/8". 12 Pts. 135° arc with 2 mile visible range.
SD-400136-1 **Order# 143483**

Replacement Bulb
SD-441035-1 **Order# 728318**

Side Lights, Top Mount Requires Cutout

A pair of stainless steel, top mount side lights. 2-5/16" x 1-3/8". 10 Pts/112.5°/2mi.
SD-400165-1 **Order# 146198**

Part#	Replacement	Order#
GE-68	Bulb	**115372**
SD-400161-1	Red and Green Lens	**146651**

Side Lights, Side Mount - Requires Cutout

Stainless steel. Sold in pairs. 2-5/16" x 1-3/8". 10 pts/112.5°/2 mi.
SD-400160-1 **Order# 146652**

Replacement Bulb **Order# 115372**

Side Lights, Side Mount Requires Cutout

Stainless steel. Sold in pairs. 4-" x 1-3/8". 10 pts/112-1/2°/2 mi.
SD-400170-1 **Order# 146659**

Replacement Bulb
GE-68 **Order# 115372**

Combination Bow Light, Top Mount

Die cast chrome zinc. 2-7/8" x 2-9/16". 1-1/2" high.
SD-400155-1 **Order# 143601**
Replacement Bulb
GE-90 **Order# 115381**

Combination Bow Light - Requires Cutout

Stamped 304 stainless steel. 2-5/16" x 1-3/8". 20 points. SD-400150-1 **Order# 147216**

Part#	Replacement	Order#
SD-400151-1	Lens	**147217**
GE-68	Bulb	**115372**

Stern Light, Top Mount - Requires Cutout

Stainless steel. 2-5/16" x 1-3/8". 12 points.
SD-400130 **Order# 142739**

Part#	Replacement	Order#
SD-400121-1	Lens	**146653**
GE-68	Bulb	**115372**

Bow or Masthead Light - Requires Cutout

Stainless steel. 2-5/16" x 1-3/8". 20 Pts. 225°/2 mi.
SD-400120 **Order# 146657**

Replacement Bulb
GE-68 **Order# 115372**

Masthead, All-Around & Anchor Light Requires Cutout

Stainless steel. 2-5/16" x 1-5/16". 360°/2 mi.
SD-400140-1 **Order# 146658**

Part#	Replacement	Order#
SD-400121-1	Lens	**146653**
GE-68	Bulb	**115372**

PERKO

Vertical Mount Side Lights

Chrome plated zinc alloy with black vinyl mounting gasket. 1 nm visibility, 12 volts, 5-1/2"L x 3-1/8"W, overall projection: 1-3/4".
PKO-1264DPCHR
Order# 126831

Replacement Lens Set
PKO-1264DPLNS
Order# 144011

Chrome plated brass top with black plastic base. 1 nm visibility, 12 volts, 4-1/4" L x 2-3/8", overall projection: 5/8".
PKO-955DPCHR **Order# 127295**

Replacement Lens Set
PKO-260DPLNS
Order# 126983

Certified for use on sail or power driven vessels under 65.6'. All black plastic. 2 nm visibility, 12 volts, 3-5/8"H x 4-1/8"W", projection: 2-1/2"
PKO-170B

Color	Order#
Red Light	**733353**
Green Light	**126907**

PERKO

Horizontal Mount Bi-Color Lights

Certified for replacement use only on sail or power driven vessels under 39.4'. Chrome plated brass with black plastic base. 1 mile visibility, 12 volts, 4-1/4"L x 2-1/8"W x 7/8"H. Takes #4 screw.
PKO-904DPCHR **Order# 127259**

Replacement Parts

Part#	Description	Order#
PKO-296DPLNS	Lens Set	**127002**
PKO-71DPCLR	Bulbs (2)	**127189**

Certified for use on sail or power driven vessels under 39.4'. Chrome plated brass with black plastic base. 12 volts, 1 nm visibility, O.D. Base: 2-3/8", 7/8"H. Takes #4 screw.
PKO-972DPCHR **Order# 127312**

Replacement Parts

Part#	Description	Order#
PKO-296DPLNS	Lens Set	**127002**
PKO-297DPLNS	One Piece Lens	**755258**
PKO-71DPCLR	Bulbs (2)	**127189**

Certified for use on sail or power driven vessels under 39.4'. Red and green lenses, 12 volt bulb included. Chrome plated zinc alloy with flag staff socket. Base: 6-3/4" x 3-7/8", vertical height: 1-5/8", ID socket: 3/4", 1 nm visibility. takes #8 screw.
PKO-1218DPCHR **Order# 126804**

Replacement Parts

Part#	Description	Order#
PKO-259DPALNS	Lens Set	**126982**
PKO-71DPCLR	Bulbs (2)	**127189**

Certified for use on power driven vessels under 39.4'. Red and green lenses, 12 volt bulb included. Chrome plated zinc alloy top. Horizontal mount. Base: 4" x 3-1/8", vertical height: 1", 12 volts, 1 nm visibility. Takes #8 screw.
PKO-1310DPCHR **Order# 126853**

Replacement Bulbs (2)

PKO-71DPCLR **Order# 127189**

PERKO

Horizontal Mount Stern Light

Certified for use on sail or power driven vessels under 39.4'. Clear lens, 12 volt bulb included. Chrome plated brass top with black plastic base. O.D. Base: 2-3/8", vertical height: 3/4", 12v, 2 nm visibility. PKO-965DPCHR
Order# 127310

Replacement Parts

Description	Order#
Closed Top Lens Set	**138661** N
Open Top Lens Set	**126993**
Replacement Bulbs	**127189**

PERKO

Horizontal Mount Side Lights

Certified for use on sail or power driven vessels under 39.4'. Chrome plated brass with black plastic base. 1 nm visibility, 12 volts, O.D. Base: 2-3/8" x 7/8"H. Takes #8 screw.
PKO-963DPCHR **Order# 127306**

Replacement Parts

Description	Order#
Closed Top Lens Set	**127001**
Open Top Lens Set	**126992**
Replacement Bulbs 2/Pack	**127189**

aqua signal

"TELL-TALE" Lights Series 24 ~ Boats less than 65 ft.

Housing: Combination of stainless steel and polycarbonate. *Optics*: Rigid colorfast acrylic Fresnel lens.

"Tell-Tale" indication light on the back that lets you know it is working properly.

Front Back

Top Mount, Bi-Color
AQS-24125-7
Order# 150351

Port Starboard

Top Mount. Pair.
AQS-24227-7
Order# 150374

Front Back

Top Mount, Bi-Color
AQS-24105-7
Order# 150349

Port Starboard

Side Mount. Pair.
AQS-24228-7
Order# 150354

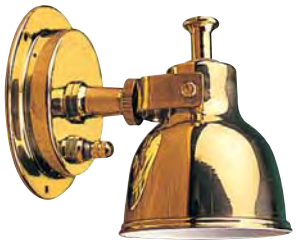
Replacement Tell-Tale Light Bulbs 12v, 10W (2-pack) AQS-90022-7 **Order# 731661**

Wall Mount Swivel Light

Polished lacquered brass. Connected by a fully articulated bracket. Reflective white interior. Uses 12V, 10W Bulb. Base 2-1/4" dia., light aperture 3-1/16". 3-9/16" L, rocker switch, prewired. SD-400420-1
Order# 143484

Replacement Bulb
GE-90 **Order# 115381**

Berth Light



Each berth light has a lacquer coated polished brass body with solid brass knurled adjusting knobs. Interior surface of lamp shade is white enamel. Prewired with on/off switch and 12 volt, 15 watt DC double contact bayonet bulb.
SD-400400-1 **Order# 731989**

Replacement Bulb 2-pack
SD-441142-1 **Order# 143402**

Halogen Reading Lights

Halogen reading lamp matches chart light (below). Includes 2" reflector and clear glass lens and 20 watt, 12 volt MR-16 halogen bulb.

Part#	Type	Order#
SD-400560-1	Brass	**731993**
SD-400565-1	Chrome	**731994**
SD-441817-1	Replac. Bulb	**734154**

LED

LED Reading Lights

High output economical reading light. Swivels and turns in any direction. On/off switch located on base. Base diameter: 2-3/4". Distance from wall: 4-1/2". High light aperture: 3".

Part#	Type	Order#
SCA-19052	Brass	**749139**
SCA-19053	Chrome	**749141**

Brass Halogen Chart Light

Halogen chart light with a 9-3/4" flexible brass neck, great for reading and chart work. Includes a 2" reflector and clear glass lens, 20 watt 12 volt MR-16 halogen bulb. Takes #6 RH fasteners.
SD-400540-1
Order# 731991

Replacement Bulb
SD-441817-1 **Order# 734154**

Chrome Halogen Chart Light

Halogen chart light with a 9-3/4" flexible brass neck, great for reading and chart work. Includes a 2" reflector and clear glass lens, 20 watt 12 volt MR-16 halogen bulb. Takes #6 RH fasteners.
SD-400545-1 **Order# 731992**

Replacement Bulb
SD-441817-1 **Order# 734154**

Wall Light

Polished lacquered brass with a white translucent plastic shade, 12V, 10 W bulb and rocker switch. Height 6-3/4", shade height 3-7/8", base 2-1/4" dia., 4-1/2" depth. Prewired. SD-400430-1 **Order# 143486**

Replacement Bulb
GE-90 **Order# 115381**

LED Dome Lights

LED

Constructed of ABS plastic. 4" diameter lens with 5-3/4" base. 1-5/8" high. LED bulb draws .068 amps at 12 volts. 18 white LEDs per light.

Part#	Finish	Order#
SD-401725-1	ABS Chrome	**748969**
SD-401727-1	ABS White	**748971**

Dome Lights

Each dome light has a polished stainless steel or polished brass body, trim ring, and a solid glass lens. Pre-wired with on/off switch and a 12 volt, 15 watt DC double contact bayonet bulb. On the navigation lights there are two separate light circuits. One circuit uses a clear bulb and one a red.

Part#	Style	Finish	Globe	Base	Order#
SD-400210	Dome	S/S	3"	4-3/8" x 1-3/8"	**142748**
SD-400190	Dome	S/S	4"	5-1/2" x 2"	**142742**
SD-400195	Dome	Brass	4"	5-1/2" x 13/16"	**142744**
SD-400350-1	Day/Night	S/S	5"	6-3/4" x 2"	**166060**
SD-400355-1	Nav/Dome	Brass	5"	6-3/4" x 2"	**731988**
SD-400211-1	Replacement Lens 3"				**731987**
SD-400191-1	Replacement Lens 4"				**142743**
SD-400201-1	Replacement Lens 5"				**142747**
SD-441142-1	Replacement Bulb 2-pack				**143402**

LED Dome Lights

LED

LED Dome Lights have very low current consumption at .068 amps at 12 volts and have extreme long life. They give off very low heat and are resistant to vibration. 18 white LED's per light.

Part#	Style	Finish	Lens Dia	Base Dia	Order#
SD-400198-1	Dome	Brass	4"	5.5"	**748967**
SD-400203-1	Dome	S/S	5"	6.75"	**759115**
SD-400208-1	Dome	Brass	5"	6.75"	**748968**
SD-400353-1	Nav/Dome	S/S	5"	6.75"	**738927**

Teak Dome Lights

Each light has a solid teak base with a lacquer coated brass trim ring and solid glass lens. Prewired with on/off switch and 12v, 15w DC double bayonet bulb included. Uses #8 FH fasteners.

Part#	Description	Order#
SD-400196-1	Light 4" lens, 5-3/4" base	**143534**
SD-400206-1	Light 5" lens, 6-1/8" base	**173767**
SD-441142-1	Replacement Bulbs (2)	**143402**
SD-400191-1	Replacement Lens 4"	**142743**
SD-400201-1	Replacement Lens 5"	**142747**

SCANDVIK

LED

Dual Color LED Flex Strip Light

Flexible silicone strips of brilliant cool white and blue or red LED bulbs. Turn on just the white, just the color, or both. 21" long and 1/2" wide. Wired on both ends so strips can be wired together to make longer runs. Can be cut and sealed with included silicone end caps to make shorter. Includes 3 silicone mounting clips and 2 silicone end caps.

Part#	Color	Order#
SCA-41514	White/Blue	**755325**
SCA-41515	White/Red	**757187**

SCANDVIK

LED

RGB LED Flex Strip Kit

Red, green and blue flex strip lights with an RF remote control. 16' reel with 24 silicone mounting clips and 2 end caps.
SCA-41532 **Order# 755326**

SCANDVIK

LED

Warm White LED Flex Strip

16' flexible, waterproof and UV resistant. Wired on both ends to simplify daisy chaining. Can be cut every 3". Adhesive backing for easy mounting and includes 2 silicone end caps. Interior or exterior mount, waterproof. Dimmable with optional controller.12V, 400 Lumens.
SCA-41500P **Order# 757672**

SCANDVIK

LED

Scan-Strip LED Light

Mounts almost anywhere, under gunwales, in storage lockers, coolers, or fish boxes. Use below deck in cabin areas for general lighting or courtesy lights. 12V. Cool white LED lights. 30,000 hour life. 120° wide angle beam. Includes mounting screws. Waterproof.

Part#	Description	Order#
SCA-41346P	8" long, 17 LED	**758181**
SCA-41350P	16" long, 34 LED	**758182**

SEASENSE

LED

12v LED Accent Light

Surface mounted. Long lasting LED draws less than 1/10th the power of regular light bulbs and produces virtually no heat. Built of non-corrosive materials and the LED array is completely potted in epoxy for total resistance to moisture. Has a switch and two lights in one (bright white and night vision red). 21 total LED's. Stainless steel mounting hardware included. 4" diameter. UNM-50023822 **Order# 173535**

PERKO

Bulkhead Light Fixture

Chrome Plated Zinc. Medium screw socket. Turn switch. Bulb not included. Standard medium screw base. For systems up to 50 volts. Base is 2-1/2" x 1-3/4".
PKO-217DPCHR **Order# 126937**

Clip-On Lampshade

Simple clip-on design half-shade dresses up bare bulbs. White plastic with linen outer cover. Fits Standard Screw Base Bulbs. 4-5/8" overall length. 4-1/2" width, 2-1/2" depth. HM-LAMPSHADE **Order# 740755**

LED

EuroLED® Downlight

Sophisticated marine lens and optic designs provide intense white light without glare or eye strain. Peak beam angle is a wide 54°. EuroLED® 115mm lamps require no remote drivers or control wires, simply connect the positive and negative cables to 12V or 24V DC systems. They can be installed almost anywhere onboard, interior or exterior, wet or dry. The low heat signature will not cause damage to surrounding materials. Can be surface or recessed mounted. Pre-wired with an ON/OFF rocker switch integrated into the side of the housing. White housing.

Part#	Light	Order#
HEL-980828002	White	**742940**
HEL-980828102	Warm White	**742942**

HELLA®

aqua signal®

LED

Columbo LED Dome Lights

Surface-mounted, general purpose LED dome lights. Available in white plastic and stainless steel housing with warm white and red lighting. Three position rocker switch (Warm White/Off/Red) Warm white provides 40 watts or 85 Lumens of light. 12 volt, 5 1/2" diameter with low power draw.

Part#	Housing	Order#
AQS-16601-7	Stainless Steel	**742947**
AQS-16602-7	White Plastic	**742955**

aqua signal®

LED

Vienna LED Light

LED oval compartment light includes built-in push lens as on/off switch. Can be recess mounted or surface mounted. 5"W x 3" H x 1"D.
AQS-16610-7 **Order# 742956**

SCANDVIK

LED

Traditional Dome Light

Traditional style stainless steel dome light with a prismatic glass lens. Side mounted on/off switch. Illuminated by 20 warm white LEDs. 12 Volt, 1.3 Watt (compares with a 10 Watt Halogen bulb). 6-3/4" diameter.
SCA-41325 **Order# 754604**

SCANDVIK

LED

Exterior or Interior LED Ceiling Light

Small size, light-weight and powerful with splash-proof housing. Can be used in center console T-Tops, pilot house, stateroom, saloon, fly-bridge cap or covered aft-deck or side decks. Surface mount with stainless-steel trim. Dimmable with any "pulse-width modulation" dimmer. Polycarbonate Lens. 3" diameter x 15/16".

Part#	Description	Order
SCA-41373	Warm white	**755321**
SCA-41378	Warm White w/Blue Night Light	**755322**

INNOVATIVE LIGHTING inc.™

LED

Round Dome Lights

12 Volt DC Systems. 120° Beam Angle. 6000 hours of service Life. 5.5" D x 1.1" H

Part#	Description	Order#
INI-06461007	30 White LEDs, 180 lm	**765408**
INI-06451407	21 White / 9 Red LEDs. 126 lm / 54 lm	**765407**

INNOVATIVE LIGHTING inc.

LED Step Light

LED

Outside LED's are mounted at 45° angle from the center LED for a wider area of illumination. Housing available in black or white. 1.68" x .64" x .37"

Bulb	Black	White
Amber	142068	–
Red	142070	142071
White	142072	142073

INNOVATIVE LIGHTING inc.

LED Accent Lights

LED

Screw or adhesive mount. 1.5" x .8" x .5"

Part#	Bulb	Housing	Angle	Order#
INI-CR230-BS	Red	Black	30°	142087
INI-CR230-WS	Red	White	30°	142086

INNOVATIVE LIGHTING inc.

LED Courtesy Light 4-Bulb

LED

Screw or adhesive mount. 1.5" x .8" x .5"

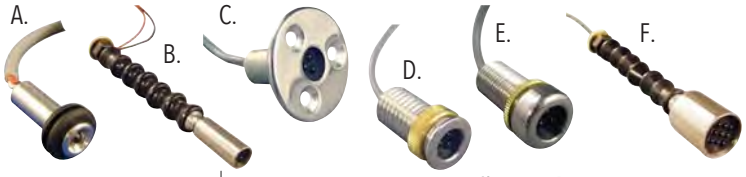
Part#	Base	Bulb	Order#
INI-FR130-BS	Black	Red	152853
INI-FW230-BS	Black	White	142091
INI-FW230-WS	White	White	142089

SUNCOR Stainless

Microstar™ LED Lights

LED

50,000 hours of continuous usage, waterproof, 316 SS housing.



Type	Size	Bulb	Order#
A Microstar™ LED	1/4" x 7/8"	Red	175243
	1/4" x 7/8"	Yellow	175244
	1/4" x 7/8"	Blue	175245
	1/4" x 7/8"	Green	175246
	1/4" x 7/8"	White	175242
B Tristar™ with 4" Stalk	1/2" x 1-3/4"	Red	175237
	1/2" x 1-3/4"	White	175236
C Tristar™ Facemount	1/2" x 1", 1.5" Face	Red	175231
	1/2" x 1", 1.5" Face	White	175230
D Tristar™ Backmount	5/8" x 1/4", 3/4" Face	Red	175234
	5/8" x 1/4", 3/4" Face	White	175235
E Tristar™ Bulkhead	1/2" x 1", 3/4" Face	Red	175233
	1/2" x 1", 3/4" Face	White	175232 N
F 9 Star with 4" Stalk	1" x 1-3/4"	Red	175239
	1" x 1-3/4"	White	175238

SCANDVIK

R-5 LED Courtesy Light

LED

Blue LED light with down illumination. Surface mount with polished stainless steel trim. Suitable for either interior or exterior installation. 12v, 0.4 watts, 0.03 amps. 3.5 lumens. 2-5/8"W x 13/16"H x 1/2"D.
SCA-41384 **Order# 754605**

aqua signal

LED

LED Multipurpose Utility Light

Interior light has (3) position rocker switch: White/Off/Red. 54 red and 54 white diodes. White plastic housing with shatter resistant, clear polycarbonate lens. Power: 12 Volt DC, 0.50 Amps, Amp draw only 0.3 amps, 1/3 that of traditional fluorescent lights. 15.5"L x 3"W x 1-1/8"H. Requires 4 mounting screws (not included). AQS-16530-7 **Order# 735949**

Thin-Lite®

Indoor LED Lights

LED

Thin-lite 8-30V LED412P premium interior light fixtures offer an ultra-thin 7/8" design profile. Features surface mounting and unlimited dimming levels. Housing is a bright white gloss finish. 16-1/8" L x 7-3/8" W x 3/4" D.
THL-LED412P **Order# 757193**

LED

Thin-lites LED622P 8-30V contoured premium interior LED light can be mounted on curved or flat surfaces. Elegant style and features unlimited dimming levels. 13.95" L x 5.56" W x 1.51" D.
THL-LED622P **Order# 757194**

LED

Thin-lite specialty interior dome lights have a thin 1" compact profile. Clear prismatic lens allows for light to spread evenly throughout your lighting area. Rated for 50,000 hours.

Part#	Description	L x W x D	Order#
THL-LED311-1	Single	7-5/16" x 4-9/16" x 1"	757195
THL-LED312-1	Double	11-9/16" x 4-9/16" x 1"	757196

LED Lighting

LED

Oceanus LED Utility Light

Designed to replace fluorescent fixtures. 18 Watts of power provides increased illumination without increasing power consumption. CRI – Color Rendering Index of >80CRI provides excellent color rendering and natural light appearance. 50,000 hour service life. Can be installed in either surface mount or flush mount configuration. LED Light output is available in the following configurations: Natural white 3900K 10-30VDC or natural white plus a small red circuit for night time illumination.

Part#	Color	Order#
ELT-MP010102LV	Natural White	756647
ELT-MP010103LV	Natural White with Red Circuit	756648

LOPOLIGHT

LED

LED Spreader Light

Precision machined anodized aluminum housing protects the LEDs and electronics. Interior is fully filled and sealed with special potting resin. Lifetime over 50,000 hours or 4,200 nights. Low power consumption 70 to 90% less than traditional spreader lights. Full brightness with input voltages ranging from 10 to 32 Volts. Adapter and screws included (when applicable). White LED light.
LPO-L400124N **Order# 756646**

LED

LED Spreader Light

Two high intensity 5 watt Cree LEDs, putting out 500 lumen. Easy installation with a single bolt allowing maximum adjustability. Cool white. 120 beam angle. 12 VDC or 24 VDC. Polycarbonate lens. UV resistant composite housing. IP68 completely sealed and engineered for exterior use. 316 SS bracket and hardware. 4-1/4" W x 2-5/8" H x 2-1/8" D.
SCA-41435 **Order# 758177**

SCANDVIK

LED

LED Engine Room Lights

Engine room lights with IP-68 protection, 180° beam angle, surface mount (hardware included), wire can exit from bottom or end of fixture. Cool white LED bulbs. 13"L x 2-3/4"W x 7/8"H.

Part#	Description	Order
SCA-41388	12 volt, 36-LED	755323
SCA-41389	10-30 volt, 50-LED	754596

SCANDVIK

RIGID®

Wayne Hamilton runs a pilot boat out of Searsport, Maine on Penobscot Bay, ferrying Bay pilots to and from seagoing ships. The work takes place 24/7 year round in all kinds of weather, often at night. It is Hamilton's job to safely deliver the pilot to a rope ladder clinging to the wall of steel that is the ship's hull. Critical distance is measured in inches, time in just a second or two. It is crucial for Hamilton to have plenty of bright light in order to see. Rigid gives him all he needs.

EXCELLENCE IN INNOVATION

Rigid's Marine Grade Lights are manufactured with special processing to withstand the harsh elements of the marine environment

- Base chromate conversion coating inhibits salt corrosion
- UV resistant powder coating
- Coated 316 marine grade stainless steel tested over 1,000 hours of corrosion resistance
- 316 stainless steel mounting hardware

RIGID

E-SERIES®

LED

E-SERIES LIGHT COVERS

Part#	Color	Order#
RIL-11095	RED	742659
RIL-11093	AMBER	744390 N

The Original LED Light Bar. The Rigid Industries E Series was the first projected LED light bar and continues to set the industry standard through continuing advances in technology and superior engineering. Marinized for the commercial and recreational boating industry, the Marine E-Series features corrosion inhibitors, UV and abrasion-resistant powder coating, stainless steel hardware, high purity aluminum cast housing, and unbreakable polycarbonate lens. The E-Series light bar is designed to project a lot of light at extreme distances while consuming very little power.

E-SERIES	SIZE	BLACK PART NO.	Order#	WHITE PART NO.	Order#	WT (LBS.)	WATTS	AMP DRAW 14VDC	LEDs	*RAW LUMENS	LUX 10 METERS	BEAM DISTANCE (meter) w/1 LUX	BEAM DISTANCE (meter) w/.25 LUX	**PEAK BEAM INTENSITY(cd)
HYBRID DIFFUSED	6"	-		RIL-806512	742850	2.35	45	3.26	12	4500	33	57	115	3300
HYBRID FLOOD	4"	-		RIL-804112	743714	1.9	30	2.17	8	3000	110	105	210	11000
	6"	-		RIL-806112	742652	2.35	45	3.26	12	4500	170	130	261	17000
	10"	-		RIL-810112	742654	3.45	65	4.71	20	5740	260	161	322	26000
	30"	-		RIL-830112	752146	8.85	165	11.96	60	13800	530	230	460	53000
HYBRID SPOT	4"	-		RIL-804212	743397	1.9	30	2.17	8	3000	1111	333	667	111100
	6"	-		RIL-806212	744952	2.35	45	3.26	12	4500	1750	418	837	175000
	10"	-		RIL-810212	749601	3.45	65	4.71	20	5740	2530	503	1006	253000
	20"	-		RIL-820212	746881	6.15	110	7.97	40	9200	3530	594	1188	353000
	30"	-		RIL-830212	752828 N	8.85	165	11.96	60	13800	4350	660	1319	435000
	40"	-		RIL-840212	752147 N	11.55	220	15.94	80	18400	6770	823	1646	677000
	50"	-		RIL-850212	752149	14.25	275	19.93	100	23000	8170	904	1808	817000
HYBRID SPOT/ FLOOD COMBO	6"	-		RIL-806312	742653	2.35	45	3.26	12	4500	690	263	525	69000
	10"	RIL-11031	752029 N	-	-	3.45	65	4.71	20	5740	1500	387	775	150000
	20"	RIL-120312	750580 N	RIL-820312	742656	6.15	110	7.97	40	9200	2620	512	1024	262000
	30"	-		RIL-830312	742657	8.85	165	11.96	60	13800	4010	633	1266	401000
	40"	-		RIL-840312	742658	11.55	220	15.94	80	18400	4890	699	1399	489000
	50"	-		RIL-850312	745989	14.25	275	19.93	100	23000	6040	777	1554	604200

D-SERIES®

LED

D-SERIES LIGHT COVERS

Part#	Color	Order#
RIL-20195	Red	742660
RIL-20197	Green	750883 N
RIL-600513	Clear	746797

Big Power In A Small Package. The Rigid Industries D Series LED Light produces extremely high output while consuming very little power. Its compact size and shape allow the D Series LED Light to fit almost anywhere on your boat and be used for virtually any lighting application. Marinized for harsh salt water environments. Surface mount.

D-SERIES	BLACK SINGLE	BLACK PAIR	WHITE SINGLE	WHITE PAIR	WT. (LBS.)	WATTS	AMP DRAW 14VDC	LEDs	*RAW LUMENS	LUX 10 METERS	BEAM DISTANCE (meter) w/1 LUX	BEAM DISTANCE (meter) w/.25 LUX	**PEAK BEAM INTENSITY(cd)
HYBRID DIFFUSED	-	-	RIL-60151 742648	RIL-60251 742649	1.1	15.8	1.1	4	1568	11	33	66	1100
SPECTER DIFFUSED	RIL-50151 752024 N	-	RIL-70151 742650	RIL-70251 742651	1.1	34.5	2.5	6	3096	20	45	89	2000
HYBRID FLOOD	-	RIL-20211 751714 N	RIL-60111 742646	RIL-60211 742647	1.1	15.8	1.1	4	1568	55	74	148	5500
SPECTER DRIVING	RIL-50135 752548 N	RIL-50231 752377 N	-	RIL-70231 750193 N	1.1	34.5	2.5	6	3096	203	142	285	20300
HYBRID SPOT	RIL-20121 752027 N	-	-	RIL-60221 748019	1.1	15.8	1.1	4	1568	646	254	508	64600

SR-Q® SERIES

This compact LED light can be used for virtually any lighting application. The SR-Q utilizes the same technologhy as the D Series but in a wide configuration. Ideal for illuminating deck work areas.

LED

SR-Q SERIES	MOUNT	PART #	Order#	WT (LBS.)	WATTS	AMP DRAW 14VDC	LEDS	*RAW LUMENS	LUX 10 METERS	BEAM DISTANCE (meter) w/1 LUX	BEAM DISTANCE (meter) w/.25 LUX	**PEAK BEAM INTENSITY (cd)
SPECTER DIFFUSED	SM	RIL-95451	749922 N	.75	34.5	2.5	6	3096	20	45	89	2000
	FM	RIL-93451	751929 N	.9	34.5	2.5	6	3096	20	45	89	2000
HYBRID FLOOD	FM	RIL-92411	751928	.9	15	1.1	4	1568	96	98	196	9600
SPECTER DRIVING	SM	RIL-95431	749923	.75	34.5	2.5	6	3096	203	142	285	20300
HYBRID SPOT	SM	RIL-94421	751925	.75	15	1.1	4	1568	646	254	508	64600

CLAMP KIT

These adjustable clamps mount your new lightbar to virtually any size tubing from .875" to 2.375". Easy to install and to position your light. Machined from aircraft aluminum, anodized in a black, durable finish. Stainless steel hardware included.

Part#	Size	Order#
RIL-41020	1"	742960
RIL-42520	1.25"	742962
RIL-42020	2"	742964

Stainless Steel Spotlight One Mile Beam!

Best Seller!

5 3/4" Diameter. 12 volt. 200,000 C.P.
VET-Z5012 **Order# 135849**

Replacement Bulb
GE-4537 **Order# 115355**

1-1/2" Maximum roof thickness

7" Diameter. 12 volt. 250,000 C.P.
VET-Z7012 **Order# 135851**

Replacement Bulbs

Part#	Order#
BBT-4545	**102835**
PKO-43300312V	**127051**

PERKO MADE IN THE USA

Sealed Beam Searchlight

Brass head, cast bronze base, chrome plated. 7" sealed beam. 12 volt, 250,000 c.p. Range 5/8 mile. Base 4-7/8" x 3-1/8" x 2". Height above deck 12-1/2". Length below base 7-1/4". PKO-53500312V
Order# 127154

12v Replacement Bulb PKO-43300312V
Order# 127051
24v Replacement Bulb also available

PERKO MADE IN THE USA

Pilot House Control Sealed Beam Searchlights

250,000 candle power! Chrome plated or white powder coated brass. Corrosion resistant, splash proof construction. Tin plated electrical contacts and wiring. 380° horizontal movement, 70° vertical movement. For ceiling thicknesses of up to 5". 12v, 100w, 24" overall length. 7" head. *Also available in electric remote control. Call for price.*

Part#	Desc.	Order#
PKO-314W0712V	White	**155222** N
PKO-314C0712V	Chrome	**146154**

12v Replacement Bulb PKO-43300312V
Order# 127051
24v Replacement Bulb also available

PERKO MADE IN THE USA

10", 12" and 14" Searchlights

Series 800 (883, 884, 885, 887)

- Standard, medium or high pedestal
- Deck or cabin control
- Wheel or lever/gear control
- Polished chrome or white

MARINCO

Precision™ Wireless Spotlight

Bright 100w, 12v H3 replaceable halogen bulb. 24v bulb also included. IP56 Weatherproof housing with fully enclosed tilt function. UV Resistant ABS housing and Lexan® Lens. Rich, intense beam pattern. Double o-ring sealed housing. Super-quiet, all-weather motor with limit stops. One-touch automatic sweep. One-touch S.O.S. Micro-touch pointing accuracy. Glow in the dark remote buttons. Designed for the harsh marine environments. Easy snap-in mount system. Can be mounted upside-down. 370°sweep rotation. 120° total tilt; +75° and -45° from horizontal. Wireless dashboard remote standard. White.
MCO-SPL12W **Order# 740833**

JABSCO a xylem brand

Remote Control Searchlight

100,000 candle power, 12-volt. Remote control, easy to install. Constructed of non-corrosive material, 320° horizontal movement, 75° vertical sweep, sealed beam halogen lamp. JAB-61050-0012 **Order# 149229**

optronics

Spotlight

NIGHTBLASTER® QUARTZ HALOGEN

2 Million candle power. 12-volt handheld spotlight. Halogen technology for maximized beam power and distance. 10-foot coil cord with 12-volt cigarette lighter style plug. Convenient storage compartment for cord.
OPT-QH-2000 **Order# 145856**
Spare Bulb OPT-A-708 **Order# 146886**

optronics PRO-TORX™

Rechargeable Spotlight

Powerful halogen lamp, rubber bezel protects and won't slip on wet surfaces, convenient hanger folds down flush, momentary switch with lock prevents accidental discharge, durable housing resists weather, breaking and chipping. Includes both 110v and 12v chargers. 9"H x 5.5"W. Black.
OPT-GR-100B **Order# 166078**

optronics NIGHTBLASTER®

Rechargeable Spotlight

Limited 3 Year Warranty!

2,000,000 candle power. 100-watt quartz halogen bulb. Internal 12-volt battery includes both 12-volt quick charge and 110-volt chargers. Operates from either internal battery or 12-volt external cord.

Part#	Color	Order#
OPT-QR-2000	Black	**146561**
OPT-QR-2001	White	**145858**

12v Battery adapter. 3' cord w/power receptacle, battery clips and 15 amp safety fuse.
OPT-A203 **Order# 125759**

12v Dual Outlet with 15 amp safety fuse.
OPT-A1202 **Order# 138125**

10' coiled extension cord.
OPT-A303 **Order# 125761**

JABSCO Remote Control Halogen Searchlight

a xylem brand

Ideal for mid-size boats. Locate buoys, moorings, channel markers, etc. Ideal for larger motorhomes and bus conversions. Pinpoint road signs, campsites, or use as backup light. High output halogen sealed beam lamp. Weather resistant remote control and 15' cable included. Sleek design, rugged construction, corrosion resistant housing. White thermoplastic housing. 12v, 50 Watts.
Horizontal Movement: - 360º, Vertical Movement: - 30º Up, 30º Down, CandlePower: - 175,000. Range 1 Lux: - 1275 ft 386 m.
JAB-60080-0012 **Order# 163431**

Extension Cable
25 ft. JAB-43990-0015 **Order# 752757**

Candela Remote Controlled Searchlight

ACR

7.5" lens. Dual high-intensity 55w halogen light. 180,000 candle power. 17' 7-wire harness. 18º up/45º down.

ACR-RCL-75 **Order# 150057**

GOLIGHT® BUILT TO LAST

Model 2020

Dash Mount Remote

Permanent mount. U.V. and salt water resistant. 370˚ rotation by 120˚ tilt. 400,000 candle power, 5.5 amps. 3 year warranty.

GLL-2020 **Order# 150440**

Model 2000

Wireless Remote
Permanent mount. U.V. and salt water resistant. 370˚ rotation by 120˚ tilt. 400,000 candle power, 5.5 amps. 3 year warranty.

GLL-2000 **Order# 150441**

Stryker™ Searchlights

370º rotation x 135º tilt. 500,000 candle power, 5.5 amps. U.V. ray and saltwater resistant. Integrated 12V DC high-torque motors. Weatherproof for land and sea applications. Waterproof remote transmitters. R.F. programmable super heterodyne receiver. 5 year limited warranty. Rockguard cover and stainless steel mounting system included!

Part#	Color	Remote	Order#
GLL-3100	White	Dash-Mount	**169808**
GLL-3106	Chrome	Dash-Mount	**167834**
GLL-39000	12V Replacement Bulb		**169800** N

RIGID Ignite LED Light *New!*

Measuring approximately 1.4" x 1.4" x 2", this small, flexible light packs 1000 raw lumens using Spot, Flood or Diffused beam patterns; perfect for short range light output. Surface mount. 6-28 VDC. Lux 10m: 18, beam distance: 80 m, peak beam intensity: 1786 cd. Also utilizes a Go-Pro® style mounting bracket which fits an array of Go-Pro mounts. Single light kits include one Ignite, mounting brackets, and related hardware. GoPro Mount not included.

Description	Black	White
Spot	**765409**	**765419** N
Flood	**765410**	**765420** N
Diffused	**765411**	**765421** N

SEA-DOG LINE Adjustable Spreader Light

4-5/8" diameter 304 stainless steel light.
SD-405210-3 **Order# 142751**

Replacement bulb GE-4411 **Order# 142478**

optronics 55 Watt Halogen Deck Light

Rugged ABS housing: 4.5" x 7". Lens: 4" x 6". Gives a broad, powerful beam of light but uses only 5 amps of current. Comes with stainless steel bracket and mounting bolt. Mounts vertically or horizontally. 12 volt.
OPT-DL55CS **Order# 139482**

optronics Docking Light Kits

Includes two quartz halogen 55-watt lights (2.5" x 4.5" lens), stainless mounting brackets, rubber bracket boots, safety-fused wiring harness and lighted switch.

Part#	Housing	Order#
OPT-DL16CC	Black	**125766**
OPT-DL16WC	White	**125767**

optronics LED Docking Light Kit

Illuminate docks, buoys, breakwaters and other watercraft with these ultrabright LED docking lights. Beam illuminates reflective surfaces at over 500 yards and the rugged, weatherproof design is suitable for fresh and saltwater applications. Kit includes two LED lights, stainless steel mounting hardware, on/off switch, wiring with 5-amp fuse and terminals. White.
OPT-DLL-50WC **Order# 733947**

Halogen Floodlights

JABSCO a xylem brand

Totally weatherproof. High impact polypropylene with stainless steel fittings. 9900 candle power bulb. Average bulb life 450 hours. Easy fitting mounting bracket.

Part#	Size	Volts	Order#	Replacement Bulb
JAB-45900-1000	3" x 5"	12	**120482**	**120486**
JAB-45900-0000	4" x 6"	12	**120480**	**120484**
JAB-45900-0001	4" x 6"	24	**120481**	**120485**

Multi-Lite

A good, high quality corrosion resistant light fixture without a switch. Features a glass fresnel lens and a plastic lens guard. May be used on 12-24-32 Volts DC or 115-230 Volts AC. Uses a standard medium based bulb up to 40 watts. Bulb not included. Weatherproof but not vaporproof. Gasket material provided. 4.65"D x 6.875"W x 4.5"H.
BAL-458 **Order# 102708**

Multi-Lite with Switch
BAL-458S **Order# 143756**

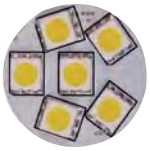
MR16 LED Bulbs

10-30VDC range. High output 4 LEDs, dimmable. Beam angle: 120°. 5 watt.

Part#	Type	Order#
SCA-41009P	Cool	**757679**
SCA-41008P	Warm	**757680**

6 LED Bayonet Wafer Bulb

6 LED warm white light bulb. Bayonet base wafer, parallel pins, dual contacts. Base: BA15d Lumen: 72, Voltage: 10 -30 VDC Amps: 0. 12 12V Watts: 1. 44.
SCA-41086 **Order# 754365**



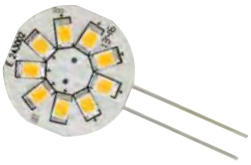
Socket Adapters

G4-based.

Part#	For	Order#
SCA-41120P	B15d to G4	**757186**
SCA-41121P	B15s to G4	**757190**

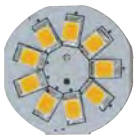
G4 9 LED Side Pin Wafer Bulb

120 lumens, warm white G4 LED bulb. Work great in popular interior dome G4-based light fixtures from Scandvik, Perko, ABI and others. 10-30VDC
SCA-41020P
Order# 757673



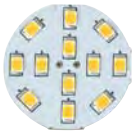
G4 12 LED Back Pin Wafer Bulbs

10-30 VDC white light. Amps: 0.12 12V, 1.5 Watts.



Part#	Type	Lumens	Order#
SCA-41001P	Cool	140	**757689**
SCA-41000P	Warm	120	**757691**

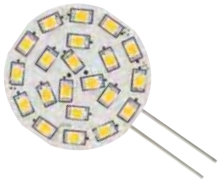
10-30 VDC white light. Amps: 0.17 12V, 2 Watts.



Part#	Type	Lumens	Order#
SCA-41010P	Warm	170	**757692**
SCA-41011P	Cool	190	**757690**

G4 21 LED Wafer Side-Pin Bulb

10-30 VDC, 3 Watt, 270 Lumen. Warm white. Amps: 0.24 12V, G4 Socket, Side Pin.
SCA-41040P
Order# 757674



ANCOR LED Replacement Bulbs

LED Wedge Bayonet Base

LED Festoon

LED Festoon Double Dimple

LED 360° Bayonet Base

LED G4 Bulb With Radial Leads 90° Radiation of Light

These lights are for internal use only. NOT for navigation

Part#	Base Type	# of LEDs	Draw	Candlepower	Volts	Equivalent Incandescent Wattage	Order#
AEP-529410	Wedge	1	20 mA	4000MCD	12	5	**730017**
AEP-529411	Wedge	2	40 mA	6000MCD	12	12	**730018**
AEP-529412	Double Bayonet 360°	20	200 mA	2200MCD	12	20	**730013**
AEP-529414	Single Bayonet 360°	16	160 mA	2200MCD	12	16	**730015**
AEP-529416	Double Indexed 360°	24	190 mA	2200MCD	10-30	24	**730016**
AEP-529417	Festoon	8	80 mA	2000MCD	12	8	**729994**
AEP-529419	Festoon Double Dimple	8	80 mA	2000MCD	12	8	**729996**
AEP-529420	Double Indexed 360°	36	180 mA	2500MCD	10-30	36	**729997**
AEP-529422	G4 Axial Lead 90°	12	80 mA	2500MCD	12	12	**729999**
AEP-529423	G4 Axial Lead 90°	27	180 mA	2500MCD	12	24	**730000**

General Lamps

Wedge Base 12 Volts, 3.8 Watts, 2 CP, .27 Amps. Life: 1500 hours. 2 per package. .4"W x 1.06"H.
AEP-520194 **Order# 100965**

Miniature Bayonet Base 14.4 Volts, 1 Watts, 1 CP, .12 Amps.
GE-53 **Order# 115366**

Miniature Bayonet Base 12 Volts, 3.4 Watts, 2 CP, .24 Amps. Life: 500 hours. 2 per pkg. .588"W x 1.07"H. AEP-520057 **Order# 100960**

Double Contact Bayonet Base
12 Volts, .78"W x 1.75"H. 2 per pkg.

Part#	Watts	Amps	CP	Life	Order#
AEP-520068	8	.59	4	5000	**100961**
AEP-520090	7.5	.58	6	750	**100962**

Double Contact Bayonet Base
12 Volts, 1.04"W x 2"H. 2 per pkg.

Part#	Watts	Amps	CP	Life	Order#
AEP-520094	13.3	1.04	15	700	**100964**
AEP-521142	18.4	1.44	21	1000	**100969**

Double Contact Index Base 12 Volts, 27/8 Watts, 2.1/.59 Amps. Life: 1200/5000 hours. 2 per pkg. 1.04"W x 2"H.
AEP-521157 **Order# 100970**

Festoon End Cap
12 Volts, 10 Watts, .80 Amps. 8 CP
Life: 1000 hours. 2 per pkg. .43"W x 1.62"H.
AEP-529102 **Order# 100976**

Festoon End Cap
12 Volts, 15 Watts, .97 Amps. 12 CP. Life: 1000 hours. 2 per pkg. .43"W x 1.73"H. AEP-522112
Order# 100974

Miniature Halogen Lamps

Ancor. Mini G-4. Life: 2000 hours. .35"W x 1.18"H

Part#	Design Watts	Design Amps	Volts	Order#
AEP-529361	5	.42	12	**154750**
AEP-529362	10	.83	12	**154753**
AEP-529367	20	1.67	12	**154754**
AEP-529368	20	.83	24	**154755**

Series 15 Festoon Bulb

12 Volts, 10 Watts, Length 1-11/16", Dia. 7/16". 2 per package.
AQS-90177-7 **Order# 102091**

Clear Festoon Bulb

12 Volts, 15 Watts, 1.25 Amp. Length 1-11/16", Dia. 9/16". 2 per package.
PKO-70DP1CLR **Order# 127183**

GANZ e eco-energy

Marine Solar Panels

Fully weatherproof solar modules designed to provide clean, quiet and reliable power in rugged marine and other outdoor applications. An unbreakable plastic film surface with semi-flexible aluminum backing make these panels ideal for mounting on flat or gently curved decks. These solar cells have the industry's highest conversion efficiency, providing maximum power while taking up less space on deck. Each panel has 4 grommet finished holes for mounting along with 10' of outdoor rated power cable that connects directly to your battery or a charge controller.

Model#	Max. Output	Max. Current	Max. Voltage	Short-Circuit Voltage	Open-Circuit Voltage	L x W x D	Order#
GSP6	6 W	.39 A	15.3 V	.42 A	19.2 V	11.8" x 10" x .6"	**739223**
GSP12	12 W	.78 A	15.3 V	.86 A	19.3 V	15.8" x 14.1" x .6"	**739224**
GSP30	30 W	1.74 A	17.2 V	1.93 A	21.6 V	22.1" x 20.5" x .6"	**739225**
GSP40	40 W	2.3 A	17.2 V	2.52 A	21.6 V	29.8" x 18" x .6"	**739748**

PowerFilm SOLAR

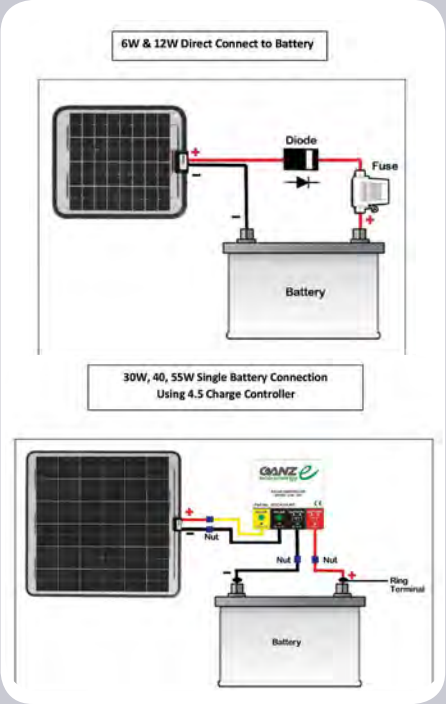
Rollable Solar Chargers

Provides the ideal solution for everyday charging uses requiring larger power needs. It also allows for even more efficient direct charging of 12V batteries. Built with all the same standards as all of PowerFilm's full line of solar chargers, Benefits: "turns on" sooner and "turns off" later. Resists point damage. Provides versatility in a lightweight, compact, waterproof power source. Lasts longer thanks to UV resistance. Performs well in diverse conditions, including hot, cold, and cloudy environments. All units charge 12 volt batteries.

Part#	Best Used For	Watts	Order#
PFS-R7	iPods, cell phones, PDAs	7	**738942**
PFS-R14	netbooks, portable fans and LED lanterns	14	**738943**
PFS-R21	trickle charging batteries, LED lighting, or small TVs	21	**738944**

Solar Panel Installation

The diagrams below show two simple ways to install your solar panels to your battery. Connect directly or through one of the charge controllers listed with the accessories.



Solar Panel Accessories

Daisy Chain

To connect multiple panels. PFS-RA6
Order# 738946

Charge Controllers

Description	Order#
4.5 A Charge Controller	**742412**
10A Dual Charge Controller	**742414**

Pro Dock Light

Automatic On at dusk/Off at dawn. Heavy duty construction and style. Durable and weatherproof. Perfect for docks walkways decks and landings. Replaceable batteries.
DEI-96257F **Order# 742415**

Solar Powered Piling Cap Light

For use with flat or conical mounts. 360 degree illumination, automatic on-at-dusk function, weatherproof, durable UV resistant ABS, wildlife deterrent spike built in. Easy to install and includes rechargeable AAA Ni-Cd battery. 6 pre-installed LED colors. Includes stainless steel mounting screws.
DEI-96268F **Order# 742416**

SOLLIGHT

RailLight Mini

Constructed of tough marine grade stainless steel. FastSolar™ technology and QuickMount™ rail and post clamp system. Lasts up to 8 hours on a full charge of sunshine. 2 bright white LEDs providing 0.3 watts of illumination rated at 10,000 hours of operation. 14" tall. Mounts to rails 3/4" - 1 1/4". SPL-5301 **Order# 743568**

ANCOR MARINE GRADE™ PRODUCTS

Medium Screw Base Bulbs

2 per package. Life: 1000 hours.
2.2"W x 4.2"H

Part#	Design Watts	Design Amps	Volts	Order#
AEP-531015	15	1.25	12	**139402**
AEP-531025	25	2.08	12	**154756**
AEP-531050	50	4.17	12	**154757**
AEP-531100	100	8.33	12	**139404**
AEP-532025	25	1.04	24	**155000**
AEP-532050	50	2.08	24	**743845**
AEP-533050	50	1.47	32	**139407**

Standard Lightbulbs

Household screw base. 12 volts.

Part#	Watts	Order#
GE-15W-12V	15	**115333**
GE-25W-12V	25	**115349**
GE-50W-12V-2	50	**750541**
GE-75W-12VRS	75	**115376**
GE-100W-12VRS	100	**115309**

Bring In Your Trade-In And Save!

Manufacturers' core charges and government disposal deposits have increased substantially. To avoid these charges, bring in your old, same-size battery when purchasing a new one. It's well worth the effort!

Marine Starting Batteries

Features: calcium alloy, full frame grids and plates, deep pocket envelope plate separators, demineralized electrolyte (acid), power path grid design, lower profile flush covers, "molded-in" stainless steel dual top terminals with wing nuts, vibration resistant design. All features to help ensure a fast start!

Batteries below are 12 volt

Part#	MCA	CCA	L x W x H	Pro-Rated Reserve	Warranty	Order#
NEB-8500	650	525	10-1/2" x 6-13/16" x 9"	80	2 yr	**125084**
NEB-8085	675	550	10-3/4" x 6-3/4" x 9-1/4"	90	2 yr	**125082**
NEB-MS1000	1000	800	10-1/2" x 6-3/4" x 9"	135	2 yr	**154765**
NEB-0904D	1200	1000	21" x 8-1/2" x 10"	320	2 yr	**125064**
NEB-0908D	1560	1300	20-1/2" x 11" x 10"	400	2 yr	**125066**

Deep Cycle Marine Batteries

Deep cycle service means that the battery bank is called upon to deliver power for auxiliary loads such as house power, trolling motors, auxiliary equipment, communications and many other types of electronic equipment typical of marine applications. In contrast to the quick surge of power that is required for starting, deep cycle batteries are called upon to deliver smaller amounts of current over long periods of hours or days, rather than seconds. While deep cycle batteries can deliver plenty of starting power, they are specifically designed to withstand the special rigors of long, deep discharges and long, slow recharges. Note: These super deep discharges and recharges can literally tear ordinary batteries apart from the inside. Sitting in a discharged condition causes the chemical sulfates, normally created during the discharge cycle, to resist going back into solution during the charging cycle. If not recharged promptly and properly, the battery will resist recharge, especially when severe deposits cause shorting between plates. Sulfation from insufficient charging is the number one killer of marine batteries.

Batteries below are 12 volt

Part#	MCA	CCA	L x W x H	Pro-Rated Amp Hrs.	Reserve	Warranty	Order#
NEB-8T24	500	400	10-1/2" x 6-3/4" x 9-1/2"	80	140	2 yr	**125097**
NEB-8T27	675	550	12-1/4" x 6-3/4" x 9-1/2"	105	170	2 yr	**125098**
NEB-8T31	900	725	13" x 7" x 10"	115	205	2 yr	**125099**
NEB-DC4D	850	600	21" x 8-1/2" x 10"	160	250	2 yr	**732413**
NEB-DC8D	1200	800	21" x 11-1/4" x 11"	200	400	2 yr	**155132**

Glass Mat Marine Batteries

Don't let a dead battery leave you stranded. Cast off with a glass mat marine battery and you'll enjoy long, trouble-free hours on the water. These batteries are specifically designed for engine starting and the long deep discharges typical of marine applications. The maintenance-free AGM (Absorbed Glass Mat) design immobilizes the electrolyte making these batteries spillproof and leakproof, so they're safe to use no matter how much your tiny ship (or luxury yacht) gets tossed. 100% maintenance free which eliminates the need to check fluid levels. Lower internal resistance which ensures higher discharge rates and faster starts. Specially engineered and patented safety relief valve system that controls critical internal gas pressure, keeping outside air out and preventing capacity loss from excessive gas seepage. Will not spill! Made with pride in the USA.

Part#	MCA	CCA	L x W x H	Amp Hrs.	Reserve	Warranty	Order#
NEB-8AU1HM	240	200	7-3/4" x 5-1/4" x 7-1/4"	32	45	2 yr	**154796**
NEB-8A24M	800	525	11" x 6-3/4" x 9-1/2"	79	135	2 yr	**154797**
NEB-8A27M	810	580	12-3/4" x 6-3/4" x 9-1/2"	92	175	2 yr	**154798**
NEB-8A31DTM	1000	800	13" x 6-3/4" x 9-1/2"	105	200	2 yr	**154799**
NEB-8A4DM	1420	1110	20-3/4" x 8-1/2" x 10"	198	380	2 yr	**154800**
NEB-8A8DM	1725	1350	20-3/4" x 11-1/4" x 10"	245	480	2 yr	**154801**

Great for reliable starting!

Shippable!

Deka Dominator Gel Cell Marine Batteries

For years, Deka Dominator, known simply as "the grey battery", has set the standard for performance and quality for gel batteries. Dominator gel batteries offer many significant advantages over conventional liquid acid batteries. Because there is no liquid electrolyte to leak or spill out of the battery, the Dominator can be easily installed in hard-to-reach locations. Even if the Dominator is left discharged for thirty days, it will still come up to 100% of capacity, unlike conventional flooded batteries. Because it has gelled electrolyte, it cannot sulfate like a liquid acid battery, and since there is no liquid, there is no need to check fluid levels. The Dominator's gelled construction also eliminates vibration damage to plates, a common problem with flooded batteries.

Batteries below are 12 volt

Part#	MCA	CCA	L x W x H	Pro-Rated Amp Hrs.	Reserve	Warranty	Order#
NEB-8GU1	290	175	8-1/2" x 5-1/2" x 7-1/4"	31.6	44	6 mos	**125096**
NEB-8G24	575	410	10.9" x 6.8" x 9.9"	73.6	132	3 yr	**125091** N
NEB-8G27	700	505	12-3/4" x 6-3/4" x 9-1/2"	86	160	3 yr	**125092**

Battery Box Carry Handle

Fits most 27 series battery boxes. Allows for easy installation in confined areas.
MOE-042235 **Order# 753106**

Vented Battery Boxes

Polypropylene construction for total acid resistance. Hold down straps resist 350 lbs of force, nearly four times the USCG requirement. Drop tested in temperatures ranging from -20°F to +120°F. Mounting hardware included. 4 cable openings, enlarged to .55" diameter. Larger handles with rolled edges.

Part#	Group	Inside L x W x H	Order#
ATT-9065-1	24	11-1/8" x 7-3/4" x 10-1/8"	**102480**
ATT-90671	27 & 31	13-7/8" x 7-1/4" x 10-1/2"	**102481**

38" Hold down Strap ATT-90133 **Order# 143280**

MOELLER marine products

Power Center Battery Box

Fits group 27, 30, 31 batteries. Size: 16-1/2" L x 9-1/8" W x 11-1/2" H. Non-corrosive high-strength plastic construction. Easy-to-use charge indicator. 12V adapter with 10A resettable breaker built into lid. Complete with hold-down strap. Knockouts to allow easy cable routing.
MOE-42203 **Order# 756609**

MOELLER marine products

Battery Trays

Non-corrosive high-strength plastic construction. Self-locking security knobs. Easy to install. Fits new style battery dimensions.

Part#	Group	Order#
MOE-42215	24	**731229**
MOE-042232	27	**746758**
MOE-42216	29, 30 & 31	**731230**

MOELLER marine products

Strap Battery Trays

Heavy duty battery tray. Includes tray, quick release buckle and strap.

Part#	Group	Order#
MOE-042233	24	**753104**
MOE-042234	27	**753105**

MOELLER marine products

Low Profile Commercial Battery Boxes

Moeller's compact molded products securely hold boat batteries in place and resist harmful effects of acid and water. When properly installed, they comply with USCG CFR 33, 183.420

For 4D battery.
22"L x 11.25"W x 14.6"H
MOE-42204 **Order# 156877**

For 8D battery.
24.75"L x 15"W x 11.5"H.
MOE-42208 **Order# 156876**

For two 8D batteries.
27.5"L x 24.5"W x 11.62"H.
MOE-042210 **Order# 757652**

Dielectric Tune-Up Grease

Protects electrical connections and wiring from salt, dirt and corrosion. Extends the life of bulb sockets. Prevents voltage leakage around any electrical connection. Also prevents spark plugs from fusing to boots. .33 oz.
PTX-81150 **Order# 169995**

Alligator Clips

Barrel insulated 2".
1 black, 1 red. Sold per pack.
HTV-242357 **Order# 903272**

Battery Clips Red and Black

Material	Order#
Copper	**159414**
Plated steel	**125758**

Non-Corrosive Battery Rings

Chemically treated to prevent corrosion caused by acid leaks. Fit top or side battery posts. Place one on each post.
AEP-260405 **Order# 154744**

Lead Battery Terminals

Wing nut style. Both 3/8" positive and 5/16" negative stud size.
AEP-260325 **Order# 100879**

Tinned Copper Battery Terminals

Wing nut style. Brass nut. Tin plated copper terminal. Both 3/8" positive and 5/16" negative stud size.
AEP-260322 **Order# 139817**

Epoxy Coated Battery Terminals

1 black, 1 red.
NEB-001481 **Order# 150541**

Star brite Liquid Electrical Tape

1 oz.

Part#	Color	Order#
STA-84155	Red	**732213**
STA-84156	Green	**732212**

4 oz.

Part#	Color	Order#
STA-84104	Black	**131960**
STA-84105	Red	**131961**
STA-84106	Green	**732542**
STA-84108	Clear	**131962**

Electrical Tape UL Listed

For use to 600v and 176° F (80° C).

Color	Size	Order#
Black	3/4" x 60'	**106938**
Red	3/4" x 60'	**106940**
White	3/4" x 60'	**106941**
Green	3/4" x 60'	**106939**
Yellow	3/4" x 60'	**173222**
Black	2" x 108'	**175263**

667 Pro Series

14 to 176°F (-10 to 80°C).
UL Listed

Color	Size	Order#
Black	3/4" x 60'	**733267**
Red	3/4" x 66'	**733262**
Blue	3/4" x 66'	**733263**
Orange	3/4" x 66'	**733264**
Green	3/4" x 66'	**733260**
Yellow	3/4" x 66'	**733261**
Gray	3/4" x 66'	**733265**
Black	3/4" x 66'	**733266**

5-Pack Color Coding UL Listed

1/2" x 20'. 0° to 176°F (-17° to 80°C).
Order# 733272

Professional Grades UL Listed, Made in the USA!

Good to 221°F (105°C).

3M

Description	Size	Order#
Super 33+ Black	3/4" x 52'	**758298**
Super 88 Black, Indoor/Outdoor Extra Thick, Extra Tough	3/4" x 66	**123346**
35 White, Fade Resistant	3/4" x 66'	**164652**
35 Red, Fade Resistant	3/4" x 66'	**761046**

ProMariner® ProIsoCharge Series

ProMar digital performance zero volt loss isolation and charging! Delivers digitally controlled alternator output distribution while protecting the health of engine start batteries, isolating and charging up to 2 other independent battery banks off of a single alternator (model specific). Eliminates traditional diode based isolators and ancillary voltage sensitive relays or solenoids, isolating and charging multiple banks simultaneously. No voltage loss as with traditional diode based isolators. Easy installation. Built-in safety. 12v.

Part#	Max DC Amps	Alternator Input	Battery Outputs	Order#
PRO-23122	180 Amp	1	2	**747763**

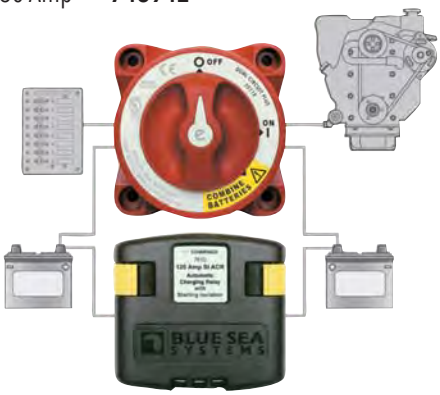
ProMariner® Battery Isolators

Battery isolators with gold-plated terminals and improved efficiency provide enchanced charging. 0.02v loss. Rated for use with DC devices ranging from 10 amps to 130 amps.

Part#	Configuration	Max Current	Order#
PRO-1-70-2	1 alt, 2 battery	70 Amp	**748938**
PRO-1-130-2	1 alt, 2 battery	130 Amp	**748942**

BLUE SEA SYSTEMS

Add-A-Battery System



A complete two battery bank management solution. Dual Circuit Plus™ Battery Switch isolates engine and house circuits, and combines battery banks for emergency starting. The 120 amp SI ACR automatic charging relay combines batteries for charging.
BLS-7650 **Order# 730023**

BLUE SEA SYSTEMS

Automatic Charging Relay

Protects sensitive electronics by temporary isolation of house loads from engine circuit during engine cranking. For 12 or 24 volt systems. 12/24 volt auto ranging voltage input. Hermetically sealed contacts/vaporproof. Waterproof rated IP67–temporary immersion for 30 min. Ignition protected. Remote LED output indicates relay state away from ACR. Supports high-output alternators up to 120 amps. Dual sensing.
BLS-7610 **Order# 731502**

Self-Igniting Cordless Butane Solder Kit

Lightweight and compact. Piezo ignition with push-button. 25-75 watts. Fast heat-up. Melts solder in less than 40 seconds. Gas capacity allows up to 1 hour of continuous use. Refills in less than 20 seconds. Automatic cut-off switch when cap replaced.
COO-P2K-C **Order# 168528**

ANCOR MARINE GRADE™ PRODUCTS

Mini Pocket Butane Torch

Electronic ignition system with safety locking switch. Flame temperature up to 2500°F. Compact size. Refillable butane cartridge included. Butane not included.
AEP-702024 **Order# 152191**

SEA-DOG LINE

Mini Butane Torch

Refillable. 3" long x 1-1/4" high. Makes a great addition to any toolbox.
SD-429590-1 **Order# 747484**

BLUE SEA SYSTEMS

Remote Battery Switch with Manual Control

500 Amp magnetic latching switch provides high amperage switching under load, manually or from remote locations. Manual override knob provides an added level of safety allowing control with or without power and offering LOCKED OFF capability for servicing. LED output to remotely indicate switch state - requires optional LED. 3/8"-16 tin-plated copper studs for maximum conductivity and corrosion resistance. 7/8" (22 mm) stud length accepts multiple cable terminals. Label recesses for circuit identification. Silver alloy contacts provide high reliability for switching live loads.

Part#	Voltage	Order#
BLS-7700	12V DC	**750446**
BLS-7702	24V DC	**745884** N

BLUE SEA SYSTEMS

24 Volt Heavy Duty Automatic Charging Relay

Manual control switch. Includes remote control contura switch. 500 ampere continuous rating. Magnetic Latch (ML)-ACR draws very low current. Senses charging on two battery banks. Supports high-output alternators up to 500 amps. LED output to remotely indicate when batteries are combined, isolated, in voltage lockout, in Start or engine isolation. 3/8"-16 tin-plated copper studs for maximum conductivity and corrosion resistance. 7/8" stud length accepts multiple cable terminals. Silver alloy contacts.

Part#	Manual Control	Voltage	Order#
BLS-7620	No	12V DC	**730468**
BLS-7622	Yes	12V DC	**730469**

victron energy BLUE POWER

12/24V Cyrix Battery Combiners

This unit is a microprocessor controlled heavy duty relay that automatically connects batteries in parallel when one of them has reached a preset voltage (indicating that the battery is being charged), and disconnects when the voltage decreases below float level (indicating that one or more batteries are being discharged).

An excellent replacement for diode isolators. There is virtually no voltage loss so that the output voltage of alternators or
battery chargers does not need to be increased.

In a typical setup the alternator is directly connected to the starter battery. The accessory battery, and possibly also a bow thruster and other batteries are each connected to the starter battery by Cyrix battery combiners. When a Cyrix senses that the starter battery has reached its correct voltage it will engage, to allow for parallel charging of the other batteries. The Cyrix senses the voltage of both connected batteries. It will therefore also engage if for example the accessory battery is being charged by a battery charger. The Cyrix can also be engaged with a switch to connect batteries in parallel manually. This is especially useful in case of emergency when the starter battery is discharged or damaged.

Part#	Amps	H x W x D	Order#
VIC-CYR0101200	120	1.8" x 1.8" x 3.2"	**739707**
VIC-CYR0102301	230	2.6" x 4" x 2"	**757243**

BLUE SEA SYSTEMS

e-Series Battery Switch Selector with Alternator Field Disconnect

Make-before-break contact design allows switching between battery banks without power interruption. CE Marked. Ignition protected–safe for installation aboard gasoline powered boats. Case design allows surface or rear panel mounting.
Cranking rating: 10 sec.
2,000 amps intermittent rating: 5 min. 600 amps
Continuous rating: 350 amps
Maximum voltage rating: 48 volts DC
Terminal stud size: 3/8"-16
Terminal stud torque: 140 in-lb
Mounting holes: accept 1/4" screw
Cable size to meet ratings: 4/0 AWG
Cable clearance for 4/0 AWG cables: 1.1"
BLS-9002E **Order# 730020**

BLUE SEA SYSTEMS

e-Series Battery Switch Single Circuit ON/OFF

Ignition protected–safe for installation aboard gasoline powered boats. Case design allows surface or rear panel mounting.
Cranking rating: 10 sec. 2,000 amps
Intermittent rating: 5 min. 600 amps
Continuous rating: 350 amps
Maximum voltage rating: 48 volts DC
Terminal stud size: 3/8"-16
Terminal stud torque: 140 in-lb
Mounting holes: accept 1/4" screw
Cable size to meet ratings: 4/0 AWG
Cable clearance for 4/0 AWG cables: 1.1"
BLS-9003E **Order# 156959**

PERKO

Battery Selector Switch

MADE IN THE USA

Marine UL Listed, rated 250/360 amps. copper contacts and brass terminals. Surface mount, 5-1/4" dia. 3/8" lugs.
PKO-8501DP
Order# 139487

PERKO

Battery Selector Switch

MADE IN THE USA

250/350 amps. Features field disconnect to protect alternator when accidentally switched to "off" with engine running.
PKO-8503DP
Order# 127235

MARINCO

Battery Selector Switch

360°selection of either battery, both batteries in parallel or complete disconnect of both batteries. 230/345 amps. Dia. 5 1/2". With alternator field disconnect. Lug size 3/8".
GUE-2100 **Order# 116529**

Cole Hersee

Battery Selector Switch

310/500 amps for large loads. Lug size 3/8".
COL-M-750BP
Order# 106190

PERKO

Heavy Duty Selector Switch

MADE IN THE USA

For high amp use: diesel engines, large inverters and windlasses. 380/850 amps. 1/2" lugs. PKO-8603DP
Order# 127242

BLUE SEA SYSTEMS

Heavy Duty Battery Switch

2750 cranking amps, 900 intermittent amps, 600 continuous amps, 32 volts DC max. 1/2" tin-plated copper studs for maximum conductivity and corrosion resistance. Accepts up to 4/0 battery cables, ignition protected, can be panel or surface mounted. BLS-3000 **Order# 166528**

BLUE SEA SYSTEMS

4 Position Battery Switch

2000 cranking amps, 600 intermittent amps. 350 continuous amps. 48 volts DC max. Accepts up to 4/0 battery cables. Panel or surface mount. Ignition protected, safe for installation aboard gasoline powered boats. Fits all Perko low amperage battery switch hole patterns. 3/8" tin-plated copper studs for maximum conductivity and corrosion resistance. BLS-9001E **Order# 155908**

PERKO

Main On/Off Disconnect

MADE IN THE USA

Use with systems under 50 volts. Rated 250/360 amps. 3/8" lugs.
PKO-9601DP
Order# 127303

Heavy Duty Selector Switch

700 amps intermittent
500 amps continuous
BLS-3002 **Order# 170458**

Cole Hersee On/Off Lever Switch

175 amp continuous, 800 amp intermittent. Brass. 3/4" dia. stem, 1-13/32" long. 3/8" lugs. 6-36 volt.
COL-M-28401-BP
Order# 142637

Heavy Duty Selector Switch

MARINCO

Heavy duty version of #2100. For high amp service. 360/600 amps. Field disconnect. 5/8" lugs. GUE-2300A
Order# 116535

BLUE SEA SYSTEMS

M-Series On/Off Mini Battery Switches

Accepts up to 4/0 cables. Tactile textures indicate knob position by feel only. Ignition protected. Safe for installation aboard gasoline powered boats. 3/8" M10 tin-plated copper studs for max. conductivity and corrosion resistance. Panel or surface mount. 1500 inrush amps, 700 cranking amps, 500 intermittent amps, 300 continuous amps, 48 max. volts. 2.7" x 2.7" x 1.3" flush (or 3" w/base).

Part#	Switch Type	Order#
BLS-6005	Removable Key On/Off	**170459**
BLS-7900	Spare Key	**170829**
BLS-6006	Removable Knob On/Off	**170460**
BLS-6007	Battery Selector	**170831**
BLS-6011	Dual Circuit Plus	**170461**

6005

6006

6007

6010

6011

MARINCO BEP Pro Installer Series

Common interconnection height makes it easier to cluster products. Modular assemblies offer unrivalled flexibility in design/layout. Innovative clear covers insulate/protect on three sides and include recesses for convenient labelling. Clear covers are easy to remove. Stainless steel studs, washers and nuts. Tin plated copper conductors.

Z Busbars

Marinco BEP Products has created a completely new concept for small cable termination with the Z-Bar range. 4x 6mm (1/4") studs with anti-seize lubricant. 4mm (5/32") terminals with captive lock washers. 200A max per bar (2x 200A). 50 VDC. Tinned CDA102 copper conductors.

Item	Description	Order#
BEP-Z18W-200	18 Way Busbar w/cover	**752361**

Heavy Duty Busbars

Pro Installer heavy duty busbars provide a robust means to connect together the multitude of large cables found in modern electrical installations. 4 stud 500A busbar has 8mm (5/16") stainless steel studs. 3, 5 and 8 stud 650A busbars have 10mm (3/8") stainless steel studs. 50 VDC. Tinned CDA102 copper conductors.

Item	Description	Order#
BEP-BB3S-650	3-Stud Busbar w/cover	**752353**
BEP-BB4S-500	4-Stud Busbar w/cover	**752350**
BEP-BB5S-650	5-Stud Busbar w/cover	**752351**
BEP-BB8S-650	8-Stud Busbar w/cover	**752352**

Insulated Studs

Available in single and twin stud versions, featuring 10mm (5/16") and 10mm (3/8") variants. A double stud version with 10mm and 8mm studs is also included for extending outboard motor cables. Double studs feature snap out insulating partition to allow linking of studs. Clear polycarbonate cover with snap-out extra cable access. Power tapping plate: 4 x 4mm (5/16") terminals. Maximum current through power tapping plate: 50A per terminal (4 x 50A max). 50 VDC.

Item	Description	Order#
BEP-IST10MM-1S	Single 10mm	**752363**
BEP-IST10MM1PT	Single 10mm w/Power Tap Plate	**752364**
BEP-IST10MM-2S	Double 10mm	**752365**
BEP-IST10MM-MM	Double 1 x 10mm x 1 x 8mm	**752366**
BEP-IST8MM-1S	Single 8mm	**752367**
BEP-IST8MM-1PT	Single 8mm w/Power Tap Plate	**752369**
BEP-IST8MM-2S	Double 8mm	**752370**

ANL Fuseholders

Unparalleled circuit protection choice for both the installer and the end-user. The innovative through-panel fuseholder (778-ANLTP) provides superior access for fuse inspection and replacement. Cable connection studs: Shared 8mm (5/16") on 778-ANL , 10 mm (3/8") studs on 778-ANL-TP and 778-ANL-2S. Fuse type: ANL or ANN (fast blow). Double washers allow any ANL fuse brand to be fitted. Swinging fuse style allows changing fuse without removal of fastening nuts. 50 VDC (or determined by fuse fitted). Tinned CDA 102 copper conductors 778-ANL-2S. Tinned CDA260 high conductivity brass conductors 778-ANLTP.

Item	Description	Order#
BEP-ANL	ANL Fuseholder	**752356**
BEP-ANL2S	ANL Fuseholder w/Cable Studs	**752357**

Class-T Fuseholders

Provides the ultimate protection for high power circuits, and where extremely fast circuit blow characteristics are required. Modern battery technologies such as Lithium Ion or AGM are capable of very high short circuit currents. Two sizes of Pro Installer Class-T Fuseholders are available which accommodate fuses from 225-400 Amps and 450-600 Amps, respectively. Fuse type: Class-T (JLLN/TJN/A3T). 50 VDC. Tinned CDA10 copper conductors.

Item	Description	Order#
BEP-T2S-400	225-400 Amps w/additional studs	**752354**

Pro Installer Solid Link Bars

Tinned, high-purity copper link bars for clustering.

A. B. C.

Part#	Order#
A. BEP-LB2B	**754254**
B. BEP-LBJ2B	**754255**
C. BEP-LBJ3B	**754256**

Pro Installer EZ-Mount Battery Switches

These revolutionary battery switches allow you to wire from the front. Installation has never been so easy and cabling so accessible. 3.85"L x 3.85"W x 3.62"H.

	Rating (A DC)						
Part#	Cont	Inter	Crank	Voltage (V DC)	Operation	Stud Detail	Order#
BEP-770EZ	400	600	1500	12 - 48	On/Off	2 x 3/8"	**754228**
BEP-771SEZ	2 x 400	2 x 600	2 x 1500	48	1-2-Both-Off	4 x 3/8"	**754230**

BLUE SEA SYSTEMS

Terminal Fuse Block

M8 5/16" stud, 3/8" mounting hole, 30-300A.

Part#	Type	Order#
BLS-5191	Single	**735967**
BLS-2151	Dual	**742009**

BLUE SEA SYSTEMS

Terminal Fuses

Part#	Amps	Color	Order#
BLS-5175	30A	Lt Green	**736203**
BLS-5176	40A	Lt Blue	**736204**
BLS-5177	50A	Red	**736205**
BLS-5178	60A	Gold	**736206**
BLS-5180	75A	Brown	**739527**
BLS-5183	100A	Yellow	**739530**
BLS-5184	125A	Green	**739531**
BLS-5185	150A	Orange	**739532**
BLS-5186	175A	White	**739533**
BLS-5187	200A	Blue	**739534**
BLS-5189	250A	Pink	**735968**
BLS-5190	300A	Gray	**740567**

Power Post High Amp Cable Connector

48 volts DC maximum. Material: Glass/Nylon.

Part#	Opening	Order#
BLS-2001	1/4"	**104186**
BLS-2002	5/16"	**104187**
BLS-2003	3/8"	**104188**

Mini Power Post

1/4" stud size. 48 volts DC maximum. Material: glass/nylon. BLS-2011 **Order# 150339**

Power Post Plus Cable Connector

150 amp bus allows small wire connections at high amp cable connections. Tinned brass on glass reinforced nylon.

Part#	Opening	Order#
BLS-2102	5/16"	**104189**
BLS-2103	3/8"	**104190**

BLUE SEA SYSTEMS

Screw Terminal Glass Fuse Block

6 Circuits with negative bus (glass type AGC fuse block) BLS-5015 **Order# 144335**

BLUE SEA SYSTEMS

30 Amp Terminal Blocks

Nickel-plated brass. Takes #8 screw.

Part#	Circuit	Order#
BLS-2502	2	**140162**
BLS-2504	4	**104195**
BLS-2506	6	**104196**
BLS-2508	8	**104197**
BLS-2510	10	**104198**
BLS-2512	12	**168032**

BLUE SEA SYSTEMS

20 Amp Terminal Blocks

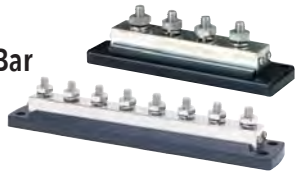
Nickel-plated brass. Takes #6 screw.

Part#	Circuit#	Order#
BLS-2402	2	**155458**
BLS-2404	4	**170446**
BLS-2406	6	**170447**
BLS-2408	8	**155459**
BLS-2410	10	**138786**

BLUE SEA SYSTEMS

600 Amp PowerBar Cable Connector

Tin-plated copper.



Part#	Description	Order#
BLS-2104	4 x 3/8"-16 Stud	**104191**
BLS-2107	8 x 3/8"-16 Stud	**166395**
BLS-2708	Cover for 2104	**104201**

BLUE SEA SYSTEMS

100 Amp DualBus Common Busbar

Combines negative and positive buses on one block. Tin-plated copper.

Part#	Description	Order#
BLS-2701	5 Per Bus x 8-32 Screw	**142287**
BLS-2709	Cover for 2701	**142289**
BLS-2702	10 Per Bus x 8-32 Screw	**142288**
BLS-2710	Cover for 2702	**142290**

BLUE SEA SYSTEMS

Screw Terminal Blade Fuse Block

Clear insulating cover protects conductive components and has label recess for small format labels. Easy to open, push button latch cover satisfies ABYC/USCG requirements. Storage for spare fuses. Tin-plated copper buses and fuse clips. Accepts ATO and ATC fuses. #8-32 terminal screws with captive lock washers, accepts ring or spade type terminals. Mounts with #8 or M4 screws. max. amperage per circuit: 30A, max. amperage per block: 100 amps, max. voltage: 32 Volts DC.

Part#	Circuits	Neg. Bus	Order#
BLS-5025	6	#10-32 stud	**162008**
BLS-5026	12	#10-32 stud	**161299**
BLS-5028	6	–	**167929**

BLUE SEA SYSTEMS

Terminal Block Jumpers

Jumpers allow creation of common circuits on independent connectors. Nickel-plated brass. **/pack of 5**

Part#	Fits Terminal Block	Order#
BLS-9218	20 Amp	**104280**
BLS-9217	30 Amp	**104279**
BLS-9216	65 Amp	**104278**

BLUE SEA SYSTEMS

150 Amp Common BusBars

Tin-plated copper.

2300 with Cover

Part#	Terminal	Order#
* BLS-2300	10 x 8-32 Screw, 2 x 1/4" Stud	**170687**
BLS-2301	10 x 8-32 Screw, 2 x 1/4" Stud	**104192**
BLS-2302	20 x 8-32 Screw, 2 x 1/4" Stud	**104193**
BLS-2303	4 x 1/4" Stud	**104194**
BLS-2715	Cover for 2301 & 2303	**730025**

* Includes cover

BLUE SEA SYSTEMS

Common BusBars

100 Amp MiniBus

Part#	Terminal	Order#
BLS-2304	2 x 10-32 Stud, 5 x 8-32 Screw	**155120**
BLS-2305	4 x 10-32 Stud	**145343**

250 Amp MaxiBus

Part#	Terminal	Order#
BLS-2105	12 x 10-24 Screw, 2 x 5/16"-18 Stud	**170457**
BLS-2127	4 x 5/16"-18 Stud	**741344**
BLS-2128	6 x 10-24 Screw, 2 x 5/16"-18 Stud	**752667**

Covers for 250 Amp MaxiBus

Part#	Fits BusBar	Order#
BLS-2719	2127 & 2128	**745323** N

BLUE SEA SYSTEMS

Dual Busbar with Cover

Combines negative and positive buses on one block. Clear polycarbonate cover snaps on to meet Coast Guard and ABYC insulation requirements. Two 1/4" studs per bus, five 10-32 screw terminals per bus. BLS-2722 **Order# 153621**

BLUE SEA SYSTEMS

ST CLB Circuit Breaker Block

Resettable with independent ground and negative bus. Quick connect clips allow circuit breakers to snap easily into place. Tin-plated copper busses and screw terminals. Easy to open, clear insulating cover. Meets ABYC/USCG insulation requirements. Breakouts allow wire access in two directions. Accepts ring terminals. 8-32 screw. Max. amperage per block: 100A. Max. amperage per circuit: 80A. Max. voltage: 32V.

Part#	Circuits	Order#
BLS-5052	6	**756049**
BLS-5054	12	**756050**

BLUE SEA SYSTEMS

Class T Fuse Block

Clear insulating cover, satisfies ABYC/USCG requirement. For use on systems up to 160 Volts DC. 225-400 Amps. Accepts fuse 5117, 5118, 5119, 5120 and 5121. BLS-5502
Order# 732098

BLUE SEA SYSTEMS

CLASS T Fuses

Max. 32 Volts DC.

Part#	Amps	Order#
BLS-5117	225	**736308**
BLS-5118	250	**140340**
BLS-5119	300	**140288**
BLS-5120	350	**147863**
BLS-5121	400	**150068**

ATC Fuse Block

6 circuit with ground.
#10 fastener.
SD-445191-1
Order# 168401

ANCOR MARINE GRADE™ PRODUCTS

ATO/ATC Marine Fuses

3/4" long. 2 fuses per package.

Part#	Amps	Order#
AEP-604003	3	**168263**
AEP-604005	5	**154758**
AEP-604007	7.5	**168265**
AEP-604010	10	**154783**
AEP-604015	15	**154759**
AEP-604020	20	**154760**
AEP-604025	25	**168262**
AEP-604030	30	**168264**

BLUE SEA SYSTEMS

ATO/ATC Marine Fuses

Tin-plated connector blades for corrosion resistance. Sold in packages of 2.

Part#	Amps	Order#
BLS-5235	1	**751370**
BLS-5236	2	**751371**
BLS-5237	3	**751372**
BLS-5238	4	**751373**
BLS-5244	25	**751374**

BLUE SEA SYSTEMS

easyID™ ATC Fuses

Fast-acting easyID™ illuminated blade fuses use light-emitting diode (LED) technology to show when a fuse has blown. Tin-plated connector blades for corrosion resistance. 1000A interrupting capacity. Max. 32 VDC. 2-Pack.

Part#	Amps	Order#
BLS-5291	3	**752427**
BLS-5292	5	**752428**
BLS-5293	7.5	**752429**
BLS-5294	10	**752425**
BLS-5295	15	**752430**
BLS-5296	20	**752431**
BLS-5297	25	**752432**
BLS-5298	30	**752433**
BLS-5299	40	**752434**

BLUE SEA SYSTEMS

ANL Fuse Block Systems

Meet ABYC/USCG requirements. For use up to 32 volts DC. Accepts 5/16" ring terminals. Insulating cover.

5005

5503

Part#	Amps	Order#
BLS-5005	35-300	**104214**
BLS-5503	35-750	**731335**

ANL Fuses

Interrupt capacity 6000 amps DC. Max. 32 Volts DC.

Amps	Order#
50	**104223**
60	**104224**
80	**104225**
100	**104226**

Amps	Order#
130	**104227**
150	**104228**
175	**104229**
200	**104230**

Higher Amperage ANL Fuses

Interrupt capacity 6000 amps DC.
Max. 32 Volts DC.

Amps	Order#
250	**104232**
300	**104234**
350	**104236**
400	**104237**
500	**104238**

BLUE SEA SYSTEMS

MEGA®/AMG® Safety Fuse Block

Ignition protected for installation aboard gasoline or diesel powered boats. Sealed cover protects fuses from the harsh marine environment. Insulating cover meets ABYC/USCG insulation requirements. Cover breakouts allow wire access in any direction. 300A maximum with 2/0 cable. Accepts Blue Sea Systems square format standard or custom label. Maximum voltage 32V DC. Terminal screw M8, terminal stud size M8.
BLS-7721 **Order# 743454**

MEGA Fuses

Interrupt Capacity 2000 Amps DC. Max. 32 Volts DC.

Amps	Order#
100	**104216**
125	**104217**
150	**104218**
175	**104219**

Amps	Order#
200	**104220**
250	**104221**

ATM Fuses

Combination pack includes one each of 5, 10, 15, 20 and 30 amps. AEP-601110
Order# 157036

Fuse Panels

Sea Dog. Rated 20 amps 12 volts. For 1/4" x 1-1/4" fuses.
SD-4205

147177

Fuse & Terminal Block
147178, 147191

147182, 147179, 147186

# Gangs	Size Inches	Order#
3	2-7/16" x 4-1/2"	**147182**
6	2-7/16" x 2-1/4"	**147177**
6	2-7/16" x 4-1/2"	**147179**
9	2-7/16" x 6-3/4"	**147186**
4	3" x 3-5/16"	**147178**
6	4-1/2" x 3-5/16"	**147191**

ANCOR MARINE GRADE™ PRODUCTS

AGC Marine Fuses

1/4" diameter x 1-1/4" long. 5 fuses per package.

Part#	Amps	Order#
AEP-601005	.5	**168258**
AEP-601010	1	**100977**
AEP-601015	1.5	**100978**
AEP-601020	2	**100979**
AEP-601025	2.5	**168259**
AEP-601030	3	**100980**
AEP-601040	4	**168260**
AEP-601050	5	**160011**
AEP-601075	7.5	**100983**
AEP-601100	10	**100984**
AEP-601150	15	**100985**
AEP-601200	20	**100986**
AEP-601250	25	**100987**
AEP-601300	30	**100988**

AGC Combo Pack 5-30 AMPS 5/pkg
AEP-601112 **Order# 168257**

AGC Deluxe Combo Pack Includes 40 assorted fuses 1-30 amp and fuse holder.
AEP-601113 **Order# 139419**

MAXI Fuse Block System

For 30-80 amp fusing. Insulating snap-on terminal cover conforms to ABYC/USCG requirements. For use up to 32 volts DC. Accepts wire sizes 18 to 4 AWG. BLS-5006 **Order# 104215**

MAXI Fuses

Interrupt Capacity 1000 Amps DC. Max. 32v DC.

Amps	Order#
30	**104239**
40	**104240**
50	**104241**
60	**104242**

Amps	Order#
70	**104243**
80	**104244**

Red Kill Switch
Circuit is normally open (not complete) with lanyard clip in place on switch. When lanyard is pulled and clip is removed from switch, circuit is closed (complete), allowing grounding. Magneto, red cap. SD-420486-1 **Order# 731507**

Ignition Kill Switch
Circuit is normally closed (complete) with lanyard clip in place on switch. When lanyard is pulled and clip is removed from switch, circuit is open (not complete), resulting in interruption of current to ignition and shutting off engine. SD-420487-1 **Order# 731508**

In-Line Fuse Holder
For glass fuses, SFE up to 20A and 3AG fuses up to 30A. Twist lock-will not open accidentally. Does not include fuse. COL-30310BP **Order# 142602**

Watertight In-Line Dual Fuse Holder
10 amps, 16ga wire. for Snap tight connection for wet locations. Includes standard glass fuse & an extra. SD-420562 **Order# 146582**

Watertight In-Line Fuse Holder
20 amps. For 1/4" x 1-1/4" AGC fuses. Snap tight connection for wet locations. With 12 volt 20 amp fuse. SD-420554 **Order# 147530**

Fuse Holder For AGC Fuses
Mounting hole 19/32". 10 amp, 12 volt. Stamped brass and molded bakelite. SD-420502 **Order# 142768**

Crimp-On Fuse Holder
Ancor. 12-18 AWG wire. For AGC and MDL fuses. 30 Max Amps. AEP-607012 **Order# 168266**

Heavy Duty In-Line Fuse Holder
Ancor. 12 AWG wire. For AGC and MDL fuses. 30 Max Amps. AEP-607016 **Order# 100991**

Waterproof In-Line Fuse Holder
Ancor. 12-18 AWG wire. For AGC and MDL fuses. 30 Max Amps. AEP-607013 **Order# 100990**

ATC In-Line Fuse Holder
Ancor. 12 AWG wire. For ATC fuses. 30 Max Amps. AEP-607017 **Order# 154761**

ATO/ATC In-Line Fuse Holder
Ancor. 12 AWG wire. For ATO/ATC fuses. 30 Max Amps. AEP-607019 **Order# 168256**

Lighted Rocker Switch 3 Position
15A 12V. On/Off/On. Red and yellow lens. Ideal for use with float switch and bilge pump operation. SD-420253 **Order# 142756**

Toggle Switch, Single Pole
12-36V DC (25A at 12V). Mounting Stem 15/32"-32 thread, 15/32" long. Fits Panel 9/32" thick. Silver contacts. COL-5582-BP **Order# 142619**

Toggle Switch, 2 Position
With push-on terminal. Hole size 7/16". Will accommodate 1/4" panel. 5 amp, 12 volt. SD-420460-1 **Order# 150164**

Toggle Switch, 3 Position
With push-on terminal. Hole size 1/2", 15 amp, 12 volt. On/off/on. SD-420108-1 **Order# 144081**

Two Position Switch
Mounting stem 1" long, 3/8" dia. Brass backup nut and washer. Chrome-plated brass face nut, plastic knob and stainless steel springs. Accommodates 1" panel. 15 amp, 12 volt. SD-420390-1 **Order# 149362**

Two Position Push-Pull Switch
Chrome plated brass knob and face nut, knob face dia is 3/4". Two screw terminals. 10 amps 12v, mounting stem: 3/8"dia, 1-1/4" long. Mounts on panels up to 1" thick. COL-M-628-BP **Order# 142667**

Two Position Push-Pull Switch
Gasket sealed case prevents against moisture and dirt. Chrome plated brass knob and face nut, knob face dia is 7/8". Two screw terminals. 10 amps 12v, mounting stem: 3/8"dia, 1-1/4" long. Mounts on panels up to 3/4" thick. COL-M-482-BP **Order# 106160**

Splash Garde On-Off Switch
PVC coating protects terminals and switch from water. Not designed for immersion. 15 amps, stamped brass. 7/8" max. mounting thickness, 3/8" shaft dia. SD-420396-1 **Order# 146532**

Plastic Push Button Switch
Nylon/Phenolic, chromed brass. 1/2" hole. SD-420415 **Order# 145176**

Three Position Switch
First "ON" position energizes one circuit, second position both circuits. Mounting stem 1" long, 3/8" diameter. Chrome-plated brass face nut, brass backup nut and washer, plastic knob and stainless steel springs. Accommodates 1" panel. 15 amps, 12 volt. SD-420410-1 **Order# 150163**

Three Position, Two Circuits
Great for lights. One circuit for anchor lights and the other for running lights. Mounting stem 1" long, 3/8" diameter. Chrome plated brass face nut, brass backup nut, and washer, plastic knob and stainless steel springs. Accommodates 1" thick panel. 20 amp, 12 volt. SD-420400 **Order# 142758**

Momentary Push Button
Ideal for horns or sirens. Chrome-plated brass with plastic button. Overall length 2-9/16", 1-5/8" dia. SD-420429-1 **Order# 149367**

Momentary Switch
Off-On, normally Off, On with button depressed, spring return to Off. Chrome-plated brass button. Face nut is brass with black rubber cap and brass hex nut. 2 18AWG wire leads 12" long. COL-M-608-BP **Order# 142663**

Extra Heavy Duty Push-Button Momentary Switch
35A at 12V, 20A at 24V, 10A at 36V DC. Normally Off, push to On. Two brass screw terminals. Mounting stem; brass 5/8" -32 thread, 1-3/8" long, fits panels up to 1" thick. Silver contacts. COL-M-490-BP **Order# 106166**

Push-Button Momentary Switch
Same as 490, with screw-on cap. COL-M-626-BP **Order# 142665**

Heavy Duty Ignition Starter Switches
Returns automatically from start to ignition position. Brass case and mounting hardware. Chrome-plated brass face nut, brass stem, 13/16" diameter x 1-7/32" long. Fits panels to 1". Corrosion resistant construction throughout. Moisture repellent insulators. Heavy duty construction for 6-36 volts. 4 position/4 terminal switch has accessory position.

Part#	Positions	Order#
COL-M-712-BP	4	**106189**
COL-M-550-BP	3	**142659**
COL-M-489-BP	2	**142653**

Push Button Starter Horn Switch
Brass backup nut and washer, chrome plated brass face nut, stainless steel springs, mounting stem 1" x 5/8"dia. SD-420420-1 **Order# 147228**

Waterproof Rubber Cap (For above)
Black SD-420424-1 **Order# 148190**
Red SD-420425-1 **Order# 148191**

L-Series Solenoid Switch
450 ampere compact solenoid offers remote switching for applications with limited space and no requirement for manual control. Hermetically sealed contacts/vaporproof. Can function as a remote battery switch. Activated by ON-OFF switch. 12/24 Volts. BLS-9012 **Order# 150309**

BLUE SEA SYSTEMS

AC Main Fuse Panel

Red reverse polarity indicating LED. Safety ground screw on panel back. Combines switching and circuit protection into a single device. "Trip Free" design cannot be held "ON" during fault current condition. 120 volts. 2.63"W x 3.75"H.

Part#	Amps	Order#
BLS-8077	30	**104275**
BLS-8079	50	**165667**

BLUE SEA SYSTEMS

3 Position AC Breaker Fuse Panel

All hot, neutral, and safety ground buses installed, fully pre-wired. All circuit label positions are backlit on standard panels, no kit required. "ON" indicating LEDs installed in all circuit positions. 100 amps max. panel amperage. 5.25"W x 3.75"H. BLS-8058 **Order# 139936**

BLUE SEA SYSTEMS

DC Breaker Fuse Panels

Heavy 1/8" aluminum alloy. Two-part polyurethane slate finish. "On" indicating LEDs. Lifetime corrosion resistance. Comes with five 15A circuit breakers installed. All positive, ground and grounding buses installed, fully pre-wired. Set of 30 common DC labels, backlightable with 8065 kit.

Part#	Breakers	Pos	W x H	Order#
BLS-8025	3	3	5-1/4" x 3-3/4"	**104270**
BLS-8023	5	8	5-1/4" x 7-1/2"	**104269**
BLS-8403	10	13	10-1/2" x 7-1/2"	**153620**

BLUE SEA SYSTEMS

360 Panel System

The Blue Sea 360 Panel System uses an open frame to mount a broad selection of modules, allowing multiple functions to be combined in a single panel. This innovative design offers a wide choice of panel features, can accommodate future changes and permits rapid assembly. With options ranging from battery management to source selection, it provides unmatched design flexibility. www.bluesea.com

BLUE SEA SYSTEMS

10 Position DC Toggle Circuit Breaker Panel

All positive, negative and grounding buses installed, fully pre-wired. Includes set of 30 common DC labels. Label backlighting pre-installed. All LEDs installed. Detailed installation instructions and cutout template. Analog Voltmeter: 8-16V DC; Simple 2-wire connection. Analog Ammeter: 0-50A DC + External Shunt; Simple 2-wire connection from shunt, no other power required. Meter senses and powers from shunt connection. Seven 15A installed single pole circuit breakers; three open. 5-1/4" x 11-1/4" BLS-8082 **Order# 150165**

BLUE SEA SYSTEMS

AC Main +6 Positions/DC Main +15 Positions

All AC and DC buses installed and fully pre-wired. Label backlighting pre-installed. ON indicating LEDs installed in all circuit positions. 100 ampere C-Series toggle circuit breaker provides main circuit protection and switching for DC branch. Maximum panel amperage, 100 amperes DC, 50 amperes AC. MIL-C5541C or equivalent immersion undercoating for lifetime corrosion resistance. Two-part polyurethane slate gray finish. Heavy 1/8" aluminum 5052 alloy. Instructions included. Includes set of 60 common AC and DC Large Format Labels. Over 500 individual labels available. 6 AC-15 DC, 120V AC-12V DC. 10.00" x 4.75" x 3". BLS-8084 **Order# 154954**

BLUE SEA SYSTEMS

AC Main + 6 Position Circuit Breaker Panel

Eight total circuit breaker positions, three blank, five installed. Three 15 amp, one double-pole 30 amp AC main circuit breaker. Red reverse polarity indicating light. Backlightable. 120 volts AC. 7 1/2" x 5 1/4" BLS-8027 **Order# 140150**

BLUE SEA SYSTEMS

120V AC Toggle Source Selector Panel

Double pole AC main circuit breakers with installed lockout slide. Prevents connecting both AC sources simultaneously. Maximum amperage: 50 amperes. Red reverse polarity indicating LED. All hot, neutral and safety ground buses installed, fully pre-wired. All circuit label positions are backlit on standard panels. "ON" indicating LEDs installed in all circuit positions. Nominal voltage: 120V AC. 3.75" x 5.25" x 3.35 mm)

Part#	Amps	Order#
BLS-8032	30	**151633**
BLS-8061	50	**165666**

NEWMAR

ES-7 DC Accessory Panel

100 amp DC single pole master breaker. 16 branch circuit capacity, 12 breakers installed. Circuit "ON" indicator lights. 206 piece label set included.Size: 15" x 5 1/4" x 4" NME-ES-7D **Order# 125365**

NEWMAR

ACCY-IX DC or AC Accessory Panel

Used to expand AC or DC system compatibility. 8 circuit breaker capacity; 5 installed. 2-5A, 1-10A, 1-15A, 1-20A. 8 DC circuit "ON" indicator lights installed. 5-1/4" x 7-1/2". NME-ACCY-IX **Order# 125328**

SEADOGLINE

Illuminated 12V DC Switch Panel

6 fused circuits, 12 volts, 37 amps total. Lighted "ON" rockers. Aluminum 6.5" x 4.5" face plate, 5.5" x 3.5" cutout. Includes AGC fuses: (2) 3 amp, (4) 5 amp, (2) 10 amp. SD-422110-1 **Order# 142769**

SEADOGLINE

6-Gang Switch Panel

Supplied with two 3 amp, two 6 amp, one 8 amp and one 10 amp thermal AC/DC circuit breakers. 12v, 40 amps total. Size: 4 1/2" x 6 1/2". SD-422800-1 **Order# 142770**

BLUE SEA SYSTEMS

Label Backlight Kit

Easily installed in Blue Seas 8/5/3/ position panels. BLS-8065 **Order# 104274**

Large Format Panel Labels

Basic kit for DC panels. 30 black labels. BLS-8030 **Order# 148851**

Extended Kit Panel Labels

Extended kit for AC panels. 120 black labels.BLS-8067 **Order# 746182**

BLUE SEA SYSTEMS

WeatherDeck™ Weather Resistant Fuse Panels

Made from corrosion resistant materials. Concealed mounting screw holes. Independent label backlighting circuit for single point switching and dimming. UV stabilized and weather resistant faceplate. Rugged UV stabilized waterproof boots. Can be mounted in 4 different orientations. Available in 4, 6 and 8 circuit models. 360° circuit labels, Bi-colored LEDs. 12 volts.

Part#	Positions	Amps	Order#
BLS-4304	4	40	**166525**
BLS-4306	6	60	**166526**
BLS-4308	8	80	**166527**

BLUE SEA SYSTEMS

WeatherDeck™ Weather Resistant Circuit Breaker Panels

Constructed from corrosion resistant materials. Independent label backlighting circuit for remote switching and dimming. UV stabilized and weather resistant faceplate. UV stabilized boots protect switches and circuit breakers. Can be mounted in four different orientations. Available in 4, 6 or 8 circuit models. Includes 4215 30 label set. 12 volt. 15 amp.

Part#	Position	Order#
BLS-4374	4	**170861**
BLS-4376	6	**170863**
BLS-4378	8	**731277**

WeatherDeck™ Fuse Panel Parts/Accessories

Part#	Description	Order#
BLS-4138	Boot Black Toggle Switch	**730026**
BLS-4150	Boot Toggle Switch OFF-ON	**730022**
BLS-4135	Boot Reset Button, Clear	**730021**
BLS-4137	Boot Reset Button, Black	**730024**
	60 DC Labels	
BLS-4216	Weatherproof, Black	**177553**

BLUE SEA SYSTEMS

Waterproof Distribution Fuse Panel

For flybridge and open cockpits
6 position. Waterproof, panel mount fuse holders accept AGC and MDL fuses. Waterproof Contura® switches. "On" indicating LED's in switch. Heavy 1/8" aluminum material. Two-part polyurethane slate gray finish. Anti-corrosion mil-spec immersion treated. Set of 30 common DC labels. Completely wired and ready to install. 5 1/4" x 7 1/2" H
BLS-8053 **Order# 139835**

Water Resistant Fuse Holder
Replacement for Contura panels. 32V, 20A.
BLS-5021 **Order# 730027**

Replacement Fuse Holder Cap
Panel Mount AGC/MDL replaces cap for 5021
BLS-5022 **Order# 742077**

Panel Cord Grip

Part#	Description	Order#
BLS-3124	#14 to #10 Single Wire	**744732**
BLS-3125	#14 to #10 Cable	**744733**

BLUE SEA SYSTEMS

Water Resistant 4 Position Circuit Breaker Panel

Designed for flybridge and open cockpit applications. Panel front is rated IP66, protected against powerful water jets. Ignition protected, safe for installation aboard gasoline powered boats. ON-OFF Contura Switches with ON indicating LEDs embedded in switch. Watertight mounting gasket. Push button reset-only circuit breakers with waterproof boots. 12V DC, 24V DC. Panel cumulative rating: 45A. switch rating: 20A 12V DC. 15A 24V DC. 4.25" x 5.25" x 3.25"
BLS-8372 **Order# 745273**

BLUE SEA SYSTEMS

Contura Water Resistant 8 Position 12V DC Circuit Breaker Panel

Breakers not included. Designed for flybridge and open cockpit applications. Panel front is rated IP66, protected against powerful water jets. Ignition protected, safe for installation aboard gasoline powered boats. Uses ON-OFF Contura Switches with LEDs. Watertight mounting gasket. Push Button Reset-Only circuit breakers with waterproof boots. 12V-24V DC. Panel cumulative rating, 90A. switch rating, 20A 12V DC. 15A 24V DC. Size: 4.25"H x 9.37"W x 3.25"D.
BLS-8271 **Order# 155062** N

BLUE SEA SYSTEMS

Water Resistant Contura Switch

Vibration, shock, thermoshock, moisture and salt spray resistant. Ignition protected, safe for installation aboard gas powered boats. 12 volt at 20 amp, 24 volt at 15 amp. LED light rated 100,000 hours half life. Action ( ) indicates momentary.

Model#	Order#	Color	Description
8230	**142339**	Gray	SPST OFF-ON
8231	**150512**	Gray	SPST OFF-(ON)
8234	**150987**	Gray	SPDT (ON)-OFF-(ON)
8220	**169827**	Gray	DPDT ON-OFF-ON
8282	**167577**	Black	SPST OFF-ON
8283	**752467**	Black	SPDT ON-OFF-ON
8285	**752458**	Black	SPDT (ON)-OFF-ON
8286	**752472**	Black	DPDT ON-OFF-ON
8287	**752473**	Black	DPST OFF-ON
8289	**752686**	Black	DPDT (ON)-OFF-ON
8290	**167025**	Black	DPDT (ON)-OFF-(ON)
8292	**169829**	Black	SPST OFF-(ON)
8294	**752464**	Black	1-Lens Actuator

BLUE SEA SYSTEMS

6 Position Circuit Breaker Panel

Designed for flybridge and open cockpit applications. Panel front is rated IP66–Protected against powerful water jets. Ignition protected–safe for installation aboard gasoline powered boats. ON-OFF Contura Switches. ON indicating LEDs embedded in switch. Watertight mounting gasket. Push Button Reset-Only circuit breakers with waterproof boots. 4.5"W x 7.5"H.
BLS-8373 **Order# 165922**

BLUE SEA SYSTEMS

Bilge Pump Control Panel

Designed for flybridge and open cockpit applications. (ON)-OFF-AUTO Contura Switch. Watertight mounting gasket. Fuse holders accept commonly available AGC and MDL glass fuses. "ON" indicating LEDs embedded in switch. Completely wired and ready to install. 2.25"W x 3.75"H.
BLS-8263 **Order# 150511**

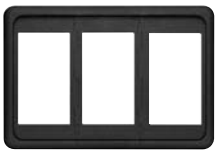
BLUE SEA SYSTEMS

Contura Mount Dual USB Charger

Protective dust cap with tether. Made from corrosion resistant materials. Easy to install in existing Contura switch aperture providing convenient access for charging mobile devices, including Apple® products. Maximum Output Current, 2.1A DC. Input Voltage, 12V DC. 24V DC, Parasitic Current Draw, 15mA.
BLS-1039 **Order# 756057**

BLUE SEA SYSTEMS

Contura Switch Mounting Panels



Modular design permits easy assembly in groups of varying sizes and numbers.

Part#	Description	Order#
BLS-8267	End	**167024**
BLS-8266	Center	**739516**
BLS-8259	3-Position	**749234** N

Contura Mounting Panel Plug

Covers mounting hole for future switch installation.
BLS-8278 **Order# 752681**

BLUE SEA SYSTEMS

Push Button Circuit Breakers

Quick connect terminals. "Trip Free" design cannot be held "ON" during fault current condition. Ignition protected.

Part#	Amps	Order#
BLS-7054	10	**169824**
BLS-7058	25	**168322**

BLUE SEA SYSTEMS

Surface Mount Circuit Breakers

Drop in replacement for BLS 185-Series circuit breakers. Ignition protected. Weather Resistant. "Trip Free".

Part#	Amps	Order#
BLS-7182	40	**736593**
BLS-7183	50	**736594**
BLS-7184	60	**736595**
BLS-7186	80	**736597**
BLS-7187	100	**736559**
BLS-7189	150	**736561**

BLUE SEA SYSTEMS

Toggle Circuit Breaker

Provides overcurrent protection for inverters, bow thrusters, and windlasses. Combines switching and circuit protection into a single device. "Trip Free". 100 Amp.
BLS-7250 **Order# 143139**

BLUE SEA SYSTEMS

A-Series AC/DC World Magnetic Circuit Breakers

Amps	Red	Black	White
5	**104249**	**104248**	**104250**
10	**104252**	**104251**	**104253**
15	**104255**	**104254**	**104256**
20	**104258**	**104257**	**104259**
25	**104261**	**104260**	**104262**
30	**104264**	**104263**	**104265**
40	**104267**	**104266**	–
50	–	**104268**	–

BLUE SEA SYSTEMS

Single Blank Mounting Panel

Mounts A-Series single pole toggle circuit breakers. 1/8" aluminum 5052 alloy. Accepts Blue Sea Systems Large Format Panel label. 3.75in" x 2.63"x 0.125"
BLS-8072 **Order# 143150**

BLUE SEA SYSTEMS

DC Push Button Thermal Reset Only Circuit Breakers

Part#	Amps	Order#
BLS-7052	5	**169823**
BLS-7054	10	**169824**
BLS-7056	15	**157055**
BLS-7057	20	**169825**
BLS-7059	30	**170611**

BLUE SEA SYSTEMS

DC Thermal Circuit Breakers Waterproof Surface Mount

Part#	Amps	Order#
BLS-7139	50	**169826**
BLS-7144	100	**168091**

BLUE SEA SYSTEMS

Double Pole 30A Toggle Circuit Breaker

Combines switching and circuit protection in one device. Meets (ABYC) standards. "Trip Free" design cannot be held "ON" during fault current condition.

Part#	Toggle	Order#
BLS-7237	Black	**752676**

BLUE SEA SYSTEMS

Toggle Switches

Single pole, single throw. For use with BlueSeas Weatherdeck panels. Fits panels 1/4" thick. *(momentary)

Part#	Type	Order#
BLS-4150	ON-OFF	**730022**
BLS-4151	OFF-(ON)*	**169821**
BLS-4152	ON-OFF-ON	**169822**

BLUE SEA SYSTEMS

Toggle Guard

Protects circuit breakers from being accidentally switched ON or OFF. Fits all A-Series single pole circuit breakers. Fits all panel switches. Can be used on any brand of circuit breaker panel using standard toggle type circuit breakers. Includes 2 mounting screws.
BLS-4100 **Order# 160549**

BLUE SEA SYSTEMS

LED Indicator Lights

Easily installed in any Blue Seas circuit breaker panel. Mounting hole size 11/64".

Part#	Color	Voltage	Order#
BLS-8033	Amber	12V DC	**104271**
BLS-8171	Red	12V DC	**170451**
BLS-8066	Red	120VAC	**167262**
BLS-8172	Green	12V DC	**170452**
BLS-8034	Green	120VAC	**142346**

12V Plug

Corrosion resistant construction. Lock points will lock plug in place when used with MCO-12VRC, below. Moisture proof sealing ring. Internal 10A fuse. LED power indicator light.
MCO-12VPG **Order# 150196**

12V Receptacle & Plug

Corrosion resistant construction. Mount from front or rear. Watertight cap. Lock Points work with receptacle, locking plug in place. Moisture proof sealing ring, LED power indicator light, internal 10A fuse.
MCO-12VPK **Order# 148264**

12V Receptacle

Corrosion resistant construction. Mount from the front with the mounting plate or mount from the rear with the locking ring. Watertight cap.
MCO-12VRC **Order# 150197**

MARINCO

12V Deluxe Dual USB Charger and 12V Socket

Input 12V, socket output 12V and up to 20 amp. Dual USB has 5v, 2.1 amp total output and LED power indicator light. Mounting plate and insulated terminal included.
MCO-12VCOMBO
Order# 756457

BLUE SEA SYSTEMS

Dual USB Charger Plug and Socket

Installs in existing 12V DC socket hole providing convenient access for charging mobile devices. Protective Cap. Protected from overheating. Output Voltage: 5V DC +/-5%. Input Voltage: 12V DC. Maximum Output Current: 2.1A DC. Parasitic Current Draw: 15 mA. Watertight.

Model#	Type	Order#
1016	12V Socket, Black	**746162**
1016200	12V Socket, White	**756055**
1018	12/24V Socket, Black	**756054**

12 Volt Power Plug and Dash Socket

Corrosion-resistant, 10 Amp, includes cover and stainless steel mounting hardware.
MSG-SL52082
Order# 756773

BLUE SEA SYSTEMS

12v Dash Socket

Twist locks securely with plug. Designed to withstand the rigors of wet environments and constant vibration. Internal strain relief and cord seal. Nickel plated copper alloy. Watertight cap. Front panel, rear panel, or surface mount.
BLS-1011 **Order# 740006**

Chrome Plated Brass Connector

3 amps, 12v DC, 2 contacts. Watertight cap may be screwed on when deck socket is not being used. Deck socket is 1-1/4" x 1-3/4". Connector Plug is 1-1/2" x 1-1/8"
SD-426262-1
Order# 143972

12 Volt Power Socket

Cigarette lighter style socket is ideal for additional power outlets. Stainless steel socket and molded cap.
SD-426053-1
Order# 146531

ANCOR

Wire & Crimp, Cut, & Heat Tools

For all of your wiring needs.

- **Marine Grade™ Wire** is manufactured from tinned copper stranding for maximum protection against corrosion and electrolysis.
- **Lug crimp tools** use revolving dies to create secure, hex style crimps. The revolving dies greatly reduce the time spent on die changes and ensure dies are not misplaced.
- **Pro Torch** has separate air flow and butane levers to precisely control the heat source. The maximum flame temperature is 2500°F for up to 90 minutes per filling.
- **Ratcheting crimp tools** ensure a proper crimp in each of the four color-coded cavities. The redesigned ergonomic handles reduce the force required for a proper crimp which prevents hand fatigue.
- **Wire & cable cutter** has redesigned steel forged blades to easily cut 22 AWG to 2/0 AWG wire and cable. Contoured cushion grips provide comfort and ease of use.

ANCOR MARINE GRADE™ WIRE AND CABLE

Individual copper wire strands are tinned to resist corrosion from salt and moisture found in the marine environment, lasting up to 10 times longer than non-tinned wire, with better conductivity than bare copper wire. Resists salt water, battery acid, oil, gasoline, ultra-violet radiation, heat and abrasion. Insulation contains 20% more polymers to prevent scalloping and increase flexibility.
Ultra flexible (Type 3/Class K) stranding resists fatigue due to vibration and flexing. Premium vinyl insulation that resists salt water, battery acid, oil, gasoline and ultra-violet radiation, rated at 600 volts and 105° C.
Heavy duty insulation, resistant to heat and abrasion. Exceeds all UL 1426, US Coast Guard Charterboat (CFR Title 46) and ABYC standards. Manufactured to American Wire Gauge sizes, which is 12% larger than automotive (SAE) wire and allows for better current carrying capacity.

Marine Singles - 100' Spools

Part#	Gauge	Color	Order#
AEP-111010	8	BLACK	**100761**
AEP-111310	8	GREEN	**166228**
AEP-111510	8	RED	**100762**
AEP-111910	8	YELLOW	**166359**
AEP-108010	10	BLACK	**100758**
AEP-108110	10	BLUE	**166173**
AEP-108310	10	GREEN	**100759**
AEP-108510	10	ORANGE	**166176**
AEP-108810	10	RED	**100760**
AEP-108910	10	WHITE	**166179**
AEP-109010	10	YELLOW	**166180**
AEP-106010	12	BLACK	**100755**
AEP-106110	12	BLUE	**155370**
AEP-106210	12	BROWN	**166206**
AEP-106310	12	GREEN	**166207**
AEP-106510	12	ORANGE	**166209**
AEP-106710	12	PURPLE	**166211**
AEP-106810	12	RED	**100756**
AEP-106910	12	WHITE	**100757**
AEP-104010	14	BLACK	**100751**
AEP-104110	14	BLUE	**166151**
AEP-104310	14	GREEN	**100752**
AEP-104210	14	BROWN	**166152**
AEP-104410	14	GRAY	**166153**
AEP-104510	14	ORANGE	**166154**
AEP-104610	14	PINK	**166155**
AEP-104710	14	PURPLE	**166156**
AEP-104810	14	RED	**100753**
AEP-104910	14	WHITE	**100754**
AEP-105010	14	YELLOW	**166157**
AEP-102010	16	BLACK	**100747**
AEP-102110	16	DK BLUE	**166159**
AEP-102210	16	BROWN	**166160**
AEP-102310	16	GREEN	**100748**
AEP-102610	16	PINK	**166163**
AEP-102810	16	RED	**100749**
AEP-102910	16	WHITE	**100750**
AEP-103010	16	YELLOW	**166165**
AEP-100010	18	BLACK	**100745**
AEP-100810	18	RED	**100746**

Marine Singles - Mini Spools

Part#	Gauge	Color	Length	Order#
AEP-188003	10	BLACK	8'	**100794**
AEP-108002	10	BLACK	25'	**166181**
AEP-108802	10	RED	25'	**166189**
AEP-188803	10	RED	8'	**100795**
AEP-186003	12	BLACK	12'	**100792**
AEP-186803	12	RED	12'	**100793**
AEP-106802	12	RED	25'	**166220**
AEP-184003	14	BLACK	18'	**100789**
AEP-184103	14	BLUE	18'	**166261**
AEP-184303	14	GREEN	18'	**100790**
AEP-184503	14	ORANGE	18'	**166266**
AEP-184703	14	PURPLE	18'	**166268**
AEP-184803	14	RED	18'	**100791**
AEP-184903	14	WHITE	18'	**166269**
AEP-185003	14	YELLOW	18'	**166270**
AEP-182003	16	BLACK	25'	**100787**
AEP-182103	16	BLUE	25'	**166166**
AEP-182203	16	BROWN	25'	**166167**
AEP-182303	16	GREEN	25'	**154713**
AEP-182403	16	GRAY	25'	**166168**
AEP-182503	16	ORANGE	25'	**166169**
AEP-182803	16	RED	25'	**100788**
AEP-182903	16	WHITE	25'	**154714**
AEP-183003	16	YELLOW	25'	**166172**
AEP-180003	18	BLACK	35'	**154711**
AEP-180503	18	ORANGE	35'	**166133**
AEP-180703	18	PURPLE	35'	**166135**
AEP-180803	18	RED	35'	**154712**
AEP-180903	18	WHITE	35'	**166136**

Marine Singles - by the Foot & Spool

Gauge	Color	Order#	Spool Length
8	BLACK	**100761**	100
8	GREEN	**173615**	250
8	RED	**100762**	100
10	BLACK	**173618**	250
10	GREEN	**173620**	250
10	RED	**173619**	250
10	YELLOW	**173624**	250
12	BLACK	**173467**	400
12	GREEN	**173472**	400
12	RED	**173471**	400
12	WHITE	**173473**	400
14	BLACK	**173478**	500
14	GREEN	**756732**	250
14	RED	**173480**	500
14	WHITE	**174743**	250
16	BLACK	**173486**	500
16	RED	**173488**	500
18	BLACK	**173491**	500
18	RED	**173493**	500

FLAT Duplex Safety Wire

Gauge		Order#
6/2	By/Foot	**166243**
	100' Spool	**166243**
8/2	By/Foot	**166242**
	100' Spool	**166242**
10/2	By/Foot	**154358**
	100' Spool	**166345**
	400' Spool	**154358**
12/2	By/Foot	**173571**
	100' Spool	**166344**
	500' Spool	**173571**
14/2	By/Foot	**142296**
	100' Spool	**138494**
	500' Spool	**142296**
16/2	By/Foot	**138495**
	100' Spool	**166343**
	500' Spool	**138495**
18/2	By/Foot	**173582**
	100' Spool	**166342**
	500' Spool	**173582**

Flat

FLAT Duplex Standard Wire

Gauge		Order#
6/2	By/Foot	**173583**
	100' Spool	**173583**
8/2	By/Foot	**173584**
	100' Spool	**173584**
10/2	By/Foot	**173585**
	100' Spool	**100770**
	400' Spool	**173585**
12/2	By/Foot	**173590**
	100' Spool	**100772**
	500' Spool	**173590**
14/2	By/Foot	**173592**
	100' Spool	**100774**
	500' Spool	**173592**
16/2	By/Foot	**173594**
	100' Spool	**100776**
	500' Spool	**173594**
18/2	By/Foot	**173595**
	100' Spool	**100777**
	500' Spool	**173595**
20/2	By/Foot	**138491**
	25' Spool	**173647**
	500' Spool	**138491**

Flat

Round Duplex Safety Wire

Gauge	Ft/Spool	Order#
12/2	100'	**166356**
14/2	100'	**155716**
16/2	100'	**166355**

Round

Flat Triplex Wire

Gauge		Order#
10/3	By/Foot	**173648**
	300' Spool	**173648**
12/3	By/Foot	**173650**
	100' Spool	**100781**
	250' Spool	**173650**
14/3	By/Foot	**173651**
	100' Spool	**100783**
	500' Spool	**173651**
16/3	By/Foot	**731925**
	100' Spool	**166244**
	250' Spool	**731925**

Flat

Round Triplex Wire

Gauge		Order#
14/3	By/Foot	**157590**
	100' Spool	**157590**
16/3	By/Foot	**744363**
	250' Spool	**744363**

Round

Battery Cable

Battery Cable - by the Foot & Spool

Gauge	Color	Order#
2	RED	**166240**
2	YELLOW	**166241**
2	BLACK	**166239**
4	RED	**166236**
4	YELLOW	**166237**
4	BLACK	**166235**
6	YELLOW	**166198**
6	RED	**166196**
6	BLACK	**166192**
6	WHITE	**166197**
6	GREEN	**166195**

Battery Cable - 25' Spools

Part#	Gauge	Color	Order#
AEP-114502	2	RED	**100766**
AEP-114002	2	BLACK	**100765**
AEP-113502	4	RED	**166233**
AEP-113002	4	BLACK	**166232**
AEP-112502	6	RED	**166203**
AEP-112002	6	BLACK	**166199**

Battery Cable Tinned ~ UL Approved 1426

Premium vinyl insulation stays flexible even in extreme cold and resists saltwater, battery acid, oil, gasoline and UV radiation. Rated to 600 volts, 105°C dry and 75° wet, and is resistant to heat and abrasion.

Gauge	Color	Ft/ Spool	Order#
1	BLACK	100	**176852**
1	RED	100	**176851**
1/0	BLACK	250	**174554**
1/0	RED	250	**174587**
2/0	BLACK	200	**174591**
2/0	RED	200	**174595**
2/0	YELLOW	200	**754162**
3/0	BLACK	100	**176853**
3/0	RED	100	**176854**
4/0	BLACK	100	**176855**
4/0	RED	100	**176856**
4/0	YELLOW	100	**736755**

Standard Battery Cable Assemblies

Tinned copper cable and lugs. Rated to 600V and 105°C. Tinned copper lugs. 4 AWG draws up to 136A and 2 AWG draws up to 178A.

Model#	Color	AWG	Length	Stud	Order#
189134	BLACK	4	32"	5/16"	**100798**
189136	BLACK	4	48"	5/16"	**100800**
189135	RED	4	32"	3/8"	**100799**
189144	BLACK	2	32"	5/16"	**100804**
189146	BLACK	2	48"	5/16"	**100806**
189145	RED	2	32"	3/8"	**100805**
189147	RED	2	48"	3/8"	**100807**

Bonding Wire

Green, 4 Gauge

Part#	Order#
PAC-WUL4GN-CC	**753339**

Heavy Duty Butt Connectors

2 per package

Part#	Gauge	Order#
AEP-252130	8	**159596**
AEP-252140	6	**159597**
AEP-252150	4	**157104**
AEP-252160	2	**100848**
AEP-252170	1	**159598**
AEP-252180	1/0	**159599**
AEP-252190	2/0	**159600**

Bilge Pump Cable

Grey insulation with black, brown and red conductors. Oil resistant.

Part#	Gauge	Order#
AEP-156625	16/3	**169704**
AEP-156425	14/3	**169702**

5-Conductor Multicable

For mast cables and other applications requiring 5 conductors. Round white jacket. Nominal diameter: 1/2". AEP-155010

Gauge	Order#
14/5	**100786**

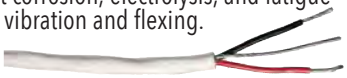
Twisted Pair Wire with Shield

Similar to Ancor duplex wire, except that the conductors are twisted and surrounded by a copper shield for extra protection against noise and electrical interference. Red/black conductors. Recommended by ABYC for DC wiring near compasses and other magnetically-sensitive devices. AEP-141410

Gauge	Order#
14/2	**173771**

Round Instrument Cable

Vinyl insulation rated 600 volts, flexible down to -40° F, resists salt water, battery acid, oil, gasoline, heat, abrasion and ultra-violet radiation. Tinned copper protects against corrosion, electrolysis, and fatigue due to vibration and flexing.



Gauge	Order#
20/3	**742097**

8 Braid Copper Flat Ground Strap

NEE-NE24730B **Order# 125117**

Heavy Duty Lug Crimper

Spring loaded pivot bar for use with a hammer or vise. Crimps #6-4/0 to #8-4/0 AWG lugs and #6-3/0 AWG terminals. AEP-701010 **Order# 100995**

Heavy Duty Lugs

100% tin plated copper resists corrosion from salt and moisture. Seamless barrel design allows for maximum strength when crimped. Closed end seals out moisture so cables stay dry and corrosion free.

8 Gauge

Size	#/PKG	Order#
#10	2	**100850**
#10	25	**159527**
1/4"	2	**100851**
1/4"	25	**159528**
5/16"	2	**100852**
5/16"	25	**159529**
3/8"	2	**100853**
3/8"	25	**159530**
1/2"	2	**100854**
1/2"	10	**159531**

4 Gauge

Size	#/PKG	Order#
#10	2	**100860**
#10	25	**159537**
1/4"	2	**100861**
1/4"	25	**159538**
5/16"	2	**100862**
5/16"	25	**159539**
3/8"	2	**100863**
3/8"	25	**159540**
1/2"	2	**100864**
1/2"	10	**159541**
5/16" & 3/8"	1/1	**100859**

1 Gauge

Size	#/PKG	Order#
1/4"	2	**159548**
5/16"	2	**159550**
5/16"	25	**159551**
3/8"	2	**100868**
3/8"	25	**159552**
1/2"	2	**159554**

1/0 Gauge

Size	#/PKG	Order#
1/4"	2	**159556**
5/16"	2	**100870**
5/16"	25	**159558**
3/8"	2	**100871**
3/8"	25	**159559**
1/2"	2	**159560**

3/0 Gauge

Size	#/PKG	Order#
5/16"	10	**159589**
3/8"	2	**100874**
3/8"	10	**159590**
1/2"	2	**159591**

6 Gauge

Size	#/PKG	Order#
#10	2	**100855**
#10	25	**159532**
1/4	2	**154743**
1/4	25	**159768**
5/16	2	**100856**
5/16	25	**159533**
3/8	2	**100857**
3/8	25	**159534**
5/16 & 3/8	1/1	**140139**

2 Gauge

Size	#/PKG	Order#
1/4	2	**159542**
1/4	25	**159543**
5/16	2	**100866**
5/16	25	**159544**
3/8	2	**100867**
3/8	25	**159545**
1/2	2	**159546**
5/16 & 3/8	1/1	**100865**

2/0 Gauge

Size	#/PKG	Order#
1/4"	25	**159769**
5/16"	2	**100872**
5/16"	25	**159562**
3/8"	2	**100873**
3/8"	25	**159563**
1/2"	2	**159564**
1/2"	10	**159565**

4/0 Gauge

Size	#/PKG	Order#
5/16"	2	**100875**
5/16"	10	**159593**
3/8"	2	**100876**
3/8"	10	**159594**
1/2"	2	**100877**
1/2"	10	**159595**

Standard Connectors

Nylon insulated, easy to crimp, will not split. Highest grade electrolytic copper, tin plated for greatest corrosion resistance and least amount of power loss.

Nylon Butt Connectors

Gauge	#/PKG	Order#
22-18	7	**100810**
22-18	25	**159424**
22-18	100	**100809**
16-14	7	**100811**
16-14	25	**159425**
16-14	100	**138432**
12-10	5	**100812**
12-10	100	**138431**

Vinyl Butt Connectors

Size	#/PKG	Order#
#6	1	**100814**
#8	2	**100813**

Step-Down Butt Connectors

Used to join a pair of conductors to a 3rd, all of the same size or 2 conductors of different sizes. The smaller end is banded w/the color of the smaller or single conductor.

Wire Range	#/PKG	Order#
16-14 to 22-18	3	**169707**
12-10 to 16-14	3	**169708**

Nylon Snap Plugs

Nylon insulated with insulation grip. Double crimp, funnel entry.

Gauge	Type	#/PKG	Order#
22-18	Male	4	**142062**
22-18	Female	4	**142063**
16-14	Male	4	**142065**
16-14	Male	25	**159525**
16-14	Female	4	**142066**
16-14	Female	25	**159526**

Nylon Fully Insulated Disconnects

Nylon insulated with insulation grip. Double crimp, funnel entry.

22-18 Gauge

Type	#/PKG	Order#
Female	4	**159508**
Female	25	**159509**
Female	100	**159510**
Male	4	**159511**
Male	25	**159512**

16-14 Gauge

Type	#/PKG	Order#
Female	4	**100844**
Female	25	**159515**
Female	100	**159400**
Male	4	**100845**
Male	25	**159516**
Male	100	**159401**

12-10 Gauge

Type	#/PKG	Order#
Female	3	**100846**
Female	25	**159517**
Male	3	**100847**
Male	25	**159518**

Nylon Flanged Spade Terminals

22-18 Gauge

Size	#/PKG	Order#
#6	6	**100832**
#8	6	**100833**
#8	25	**159428**
#10	6	**100834**
#10	25	**159431**

16-14 Gauge

Size	#/PKG	Order#
#6	6	**159433**
#8	6	**159435**
#8	25	**159436**
#8	100	**148634**
#10	6	**100835**
#10	25	**159437**
#10	100	**159394**

12-10 Gauge

Size	#/PKG	Order#
#8	5	**159440**
#8	25	**159441**
#10	5	**159442**
#10	25	**159443**

Nylon Ring Terminals

Nylon insulated with insulation grip. Double crimp, funnel entry.

22-18 Gauge

Size	#/PKG	Order#
#6	6	**100816**
#8	6	**100817**
#8	25	**159446**
#8	100	**159447**
#10	6	**100818**
#10	25	**159448**
#10	100	**159449**
5/16"	5	**159453**
3/8"	5	**159456**

12-10 Gauge

Size	#/PKG	Order#
#6	5	**159467**
#8	5	**100823**
#8	25	**159470**
#8	100	**159404**
#10	5	**100824**
#10	25	**159471**
#10	100	**142192**
1/4"	4	**100825**
1/4"	25	**159472**
1/4"	100	**159395**
5/16"	4	**100826**
5/16"	25	**159473**
5/16"	100	**159398**
3/8"	4	**100827**
3/8"	25	**159474**
3/8"	100	**159399**

4 Gauge

Size	#/PKG	Order#
1/4"	1	**159504**
5/16"	1	**159505**
1/2"	1	**159507**

16-14 Gauge

Size	#/PKG	Order#
#6	6	**159459**
#6	25	**159460**
#8	6	**100819**
#8	25	**159461**
#8	100	**159392**
#10	6	**100820**
#10	25	**159462**
#10	100	**142165**
1/4"	5	**159463**
1/4"	25	**159464**
1/4"	100	**159403**
5/16"	5	**100821**
5/16"	25	**159465**
3/8"	5	**100822**
3/8"	25	**159466**

8 Gauge

Size	#/PKG	Order#
#10	2	**154741**
#10	25	**159475**
1/4"	2	**159476**
1/4"	25	**159477**
5/16"	2	**100828**
5/16"	25	**159491**
3/8"	2	**100829**
3/8"	25	**159492**
1/2"	1	**159493**

6 Gauge

Size	#/PKG	Order#
#10	1	**159496**
1/4"	1	**100830**
5/16"	1	**140286**
3/8"	1	**100831**

Heat Shrink Connectors

These connectors and terminals create strong waterproof connections. Each piece has a short length of heat shrink tubing with adhesive inside.

Heat Shrink Butt Connectors

Gauge	#/PKG	Order#
22-18	3	**100888**
22-18	25	**159602**
22-18	100	**100889**
16-14	3	**100890**
16-14	25	**154545**
16-14	100	**100891**
12-10	3	**100892**
12-10	25	**154546**
12-10	100	**100893**

Heat Shrink Disconnect Terminals

22-18 Gauge

Type	#/PKG	Order#
Female	3	**159635**
Female	25	**159636**

16-14 Gauge

Type	#/PKG	Order#
Female	3	**154981**
Female	25	**159639**
Female	100	**174755**
Male	3	**154982**
Male	25	**159640**
Male	100	**174756**

Heat Shrink Ring Terminals

22-18 Gauge

Size	#/PKG	Order#
#8	3	**100894**
#8	25	**159604**
#8	100	**100895**
#10	3	**100896**
#10	25	**159605**
#10	100	**100897**

16-14 Gauge

Size	#/PKG	Order#
#8	3	**100901**
#8	25	**159612**
#8	100	**100902**
#10	3	**100903**
#10	25	**154547**
#10	100	**100904**
1/4"	3	**159613**
1/4"	25	**159614**
1/4"	100	**100905**
5/16"	3	**100906**
5/16"	25	**159615**
5/16"	100	**100907**
3/8"	3	**100908**
3/8"	25	**159616**
3/8"	100	**100909**

12-10 Gauge

Size	#/PKG	Order#
#8	3	**100910**
#8	25	**159617**
#8	100	**100911**
#10	3	**100912**
#10	25	**154548**
#10	100	**100913**
1/4"	3	**155152**
1/4"	25	**159618**
1/4"	100	**100914**
5/16"	3	**100915**
5/16"	25	**159619**
3/8"	3	**100917**
3/8"	25	**159620**

Heat Shrink Flanged Spade Terminals

16-14 Gauge

Size	#/PKG	Order#
#8	25	**159628**

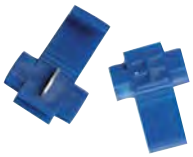
Heat Shrink Step-Down/ Multi-Wire Connectors

Adhesive lined heat shrink butt connectors that can be used as a step-down from one gauge size to another or a multi-wire connector for one gauge size wire. Shrink tubing: 4:1 shrink ratio for positive, sealed connections. Flared barrel for easy crimp connections.

Crimp Die	Wire	#/PKG	Order#
Side 1: 24-22	One 24-22	3	**756467**
Side 2: 22-18	Two 24-22 Or One 22-18	25	**756504**
Side 1: 22-18	One 22-18	3	**756505**
Side 2: 16-14	Two 22-18 Or One 16-14	25	**756506**
Side 1: 16-14	One 16-14	3	**756507**
Side 2: 12-10	Two 16-14 Or One 12-10	25	**756508**
Side 1: 12-10	One 12-10	3	**756509**
Side 2: 8	Two 12-10 Or One 8	25	**756510**

ANCOR MARINE GRADE™ PRODUCTS Specialty Connectors

Splice Connectors



Gauge	#/PKG	Order#
18-14	4	**100839**

3-Way Connector

Nylon insulated with insulation grip. Double crimp, funnel entry.

Gauge	#/PKG	Order#
16-14	1	**100837**
12-10	1	**100838**

Multi-Stack Connector

Nylon insulated with insulation grip. Double crimp, funnel entry

Gauge	#/PKG	Order#
16-14	3	**154742**

Double Male-Female Adapter

#/PKG	Order#
5	**148126**

Universal Speaker Connector Kits

Kits include (2) .250 tab, (2) .188 tab and (2) .110 tab female adhesive lined heat shrink disconnects to allow a user to install two speakers regardless of manufacturer.

Wire Range	#/PKG	Order#
16-14	6	**757104**
22-18	6	**757103**

3M

Scotchlok™ Electrical Insulation Displacement Connector

Grease filled moisture resistant connector. Make inline, pigtail and tap splices on 18-14 AWG solid or stranded wire. Automotive, truck, boat and trailer wiring jobs are easier and faster with a pair of pliers. 25 per box. UL Listed. MMM-06134
Order# 123345

ANCOR MARINE GRADE™ PRODUCTS

Flexible Vinyl Grommets

Provide instant abrasion resistance to wires passing through panel holes.

Hole Size	I.D.	Panel Width	#/PKG	Order#
1/4"	5/32"	1/16"	6	**152045**
3/8"	1/4"	3/32"	5	**152046**
1/2"	3/8"	1/16"	5	**152085**
3/4"	5/8"	1/16"	3	**152047**
Assorted	1/4"-3/4"		45	**154749**

Split Conduit Wire Harness

Split, corrugated polyethylene provides safe and easy way to install conduit for multi-wire harness or cable routing. Black.

I.D.	Order#
3/8"	**118157**
1/2"	**118158**
5/8"	**140844**
3/4"	**118159**
1"	**118160**

ANCOR MARINE GRADE™ PRODUCTS

Cable Tie Mounts

Sold in packs of 100.

Part#	Screw Size	Order#
AEP-199232	#8	**100935**
AEP-199263	#10	**174753**

ANCOR MARINE GRADE™ PRODUCTS

Nylon Cable Clamps

Resistant to solvents, oils, acids and moisture. Screw hole alignment feature to speed installation.

Size	#/PKG	Order#
1/4"	6	**100937**
1/4"	25	**147032**
1/4"	100	**159648**
5/16"	25	**147033**
3/8"	25	**147034**
3/8"	100	**159650**

Size	#/PKG	Order#
1/2"	25	**147036**
5/8"	25	**147037**
3/4"	25	**147038**
1"	25	**147040**
1-1/4"	25	**159660**
1-1/2"	25	**159662**

Nylon Cable Clamp Kit

Sizes 1/8" - 1/2". 54 clamps total
AEP-400000 **Order# 154748**

ANCOR MARINE GRADE™ PRODUCTS

Stainless Steel Cushion Clamps

Temperature rating of -50°F to 300°F. EPDM insulator is temperature, water, fuel, oil and acid resistant. 10 per pkg

Dia.	Screw	Order#
1/4"	#8	**139388**
5/16"	#8	**159645**
3/8"	#8	**139389**
1/2"	#10	**139390**
5/8"	#10	**139391**
3/4"	#10	**159646**
7/8"	#10	**176655**
1"	#10	**140732**
1-1/2"	#10	**159647**
2"	#10	**160564**

ANCOR MARINE GRADE™ PRODUCTS

Spiral Wrap

Permits flexible routing of cable harnesses. Provides abrasion protection for wire and cable. Allows lead outs at any point for greatest ease of installation. Temp rated: 40° - 170°F.

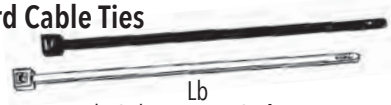
Dia.	Ft/Pkg	Order#
3/4"	10	**139392**
1"	5	**139393**

ANCOR MARINE GRADE™ PRODUCTS

Self-Extinguishing Split Loom

Part#	Size	Order#
AEP-453502	1/2" x 10'	**139394**
AEP-453752	3/4" x 10'	**760086**
AEP-453756	3/4" x 100'	**760088**

Standard Cable Ties



Part#	Length	Color	Lb Rating	Order#
HM-CT4189	4"	White	18	**134813**
HM-CT4180	4"	Black	18	**134812**
HM-CT6189	6"	White	18	**134816**
HM-CT6180	6"	Black	18	**139207**
HM-CT5409	5.6"	White	40	**134814**
HM-CT5400	5.6"	Black	40	**139209**
HM-CT8409	8"	White	40	**134821**
HM-CT8400	8"	Black	40	**139210**
HM-CT7509	7.5"	White	50	**134818**
HM-CT7500	7.5"	Black	50	**134817**
HM-CT7502C	7.5"	Red	50	**735623**
HM-CT11509	11"	White	50	**134806**
HM-CT11500	11"	Black	50	**139211**
HM-CT14509	14"	White	50	**134809**
HM-CT14500	14"	Black	50	**139212**

Heavy Duty Cable Ties

Part#	Length	Color	Lb Rating	Order#
HM-CT81209	8"	White	120	**134820**
HM-CT141209	14"	White	120	**134808**
HM-CT141200	14"	Black	120	**139214**
HM-CT241759	24"	White	175	**134811**

MARLINCO

Nylon Standard Cable Ties

Part#	Length	Color	Lb Rating	Order#
MCO-199246	6"	Clear	45	**100926**
MCO-199248	6"	Black	45	**100928**
MCO-199204	8"	Clear	75	**100927**
MCO-199206	8"	Black	75	**100929**
MCO-199224	8"	Mixed	75	**100924**

MARLINCO

Nylon Mounting Cable Ties

Part#	Length	Color	Lb Rating	Order#
MCO-199250	6"	Clear	30	**148526**
MCO-199226	8"	Clear	50	**154746**
MCO-199228	8"	Black	50	**154747**

Cable Ties with Mounting Head

Natural Color

Part#	Length	Lb Rating	Order#
HM-CT530MH9	5.5"	30	**134815**
HM-CT750MH9	7.5"	50	**134819**
HM-CT1150MH9	11"	50	**134807**
HM-CT1450MH9	14.5"	50	**134810**

ANCOR MARINE GRADE™ PRODUCTS Self-Cutting Cable Ties

Save time and frustration with these self-cutting cable ties. Simply lock and twist for a clean cut. Improves appearance and eliminates sharp tails while maintaining a 50 lb tensile strength.

Part#	Length	Color	Order#
AEP-199275	8"	Natural	**759731**
AEP-199277	8"	Black	**759732**
AEP-199279	11"	Natural	**759733**
AEP-199281	11"	Black	**759734**
AEP-199283	14"	Natural	**759736**
AEP-199285	14"	Black	**759737**

Heat Shrink Tubing

Cross linked polyolefin tubing is much stronger than PVC tubing and will not burn. Heat activated adhesive lining provides seal impervious to salt water, oil, acids, and sunlight. Shrinks to 1/3 original size at 257° F.

Tube Dia.	Length	Color	#/Pkg	Order#
1/8"	3"	Black	3	**100880**
3/16"	3"	Black	3	**100882**
3/16"-3/4"	3"	Black	8	**100881**
1/4"	3"	Black	3	**100883**
1/4"	48"	Black	1	**754224**
3/8"	3"	Black	3	**100884**
3/8"	3"	Red	3	**737668**
3/8"	48"	Black	1	**754225**
3/8"	48"	Red	1	**161988**
3/8"	3"	Asst.	5	**100885**
1/2"	3"	Black	3	**100886**
1/2"	3"	Red	3	**737669**
1/2"	48"	Black	1	**754436**
1/2"	48"	Red	1	**754437**
3/4"	3"	Asst.	4	**147041**
3/4"	3"	Black	3	**100887**
3/4"	3"	Red	3	**151998**
3/4"	48"	Black	1	**754433**
3/4"	48"	Red	1	**754434**
1"	48"	Black	1	**754594**
1"	48"	Red	1	**754595**

ANCOR MARINE GRADE™ PRODUCTS
A Lasting Solution.

Adhesive Lined Heavy Duty Battery Cable Tubing

2 per package. One red and one black.

Part#	Size	Length	Order#
AEP-326202	3/4"	3"	**154745**
AEP-327202	1"	3"	**138493**

Battery Stud Caps

Fits standard auto battery posts. Cable size: 1/0, 2/0 AWG. Includes one red and black cover.
BLS-4017 **Order# 174499**

Standard Cable Caps

For batteries with marine adapter terminals added on. Red and black pair.

Part#	Cable Size	Order#
BLS-4005	4, 2, 1	**180454**
BLS-4006	1/0 & 2/0	**170453**

Rotating Cable Caps

Top rotates 360°. For batteries with integral marine wing nut post. Red and black pair.
BLS-4001 **Order# 104202**

Cable Cap Stud Insulators

For stud type connectors on alternators, starters, windlasses and other high amp devices.

Part#	Order#	Cable Size	Color	#/Pkg
BLS-4008	**104204**	18-10	Red	3
BLS-4010	**104205**	8-4	Red	2
BLS-4011	**170456**	8-4	Black	2
BLS-4012	**104206**	2-2/0	Red	1
BLS-4013	**149942**	2-2/0	Black	1
BLS-4014	**151109**	3/0-4/0	Red	1
BLS-4015	**151108**	3/0-4/0	Black	1

Cut & Pull Wire Strippers

Cuts and removes insulation from wire with a single squeeze of the handle. Accepts 18, 14, 12, 10 and 8 GA AWG wire. Heavy duty construction with vinyl hand grips.
Order# 398848

ANCOR MARINE GRADE™ PRODUCTS

Battery Cable Stripper

The blade housing combined with an ultra-sharp blade greatly reduces friction for smoother stripping. Adjustable blade height for removing insulation on 8 AWG to 4/0 AWG cable. Swivel blade for circular and longitudinal cuts. Lever to turn blade. Steel cable holder.
AEP-703065 **Order# 756511**

ANCOR MARINE GRADE™ PRODUCTS

Cut/Strip/Crimp Tool

Crimps 22-10 AWG insulated, non-insulated terminals, connectors and spark plug terminals in special cavities. Strips 10-22 AWG solid and stranded wire. Cuts 4-40, 6-32, 8-32, 10-32 and 10-24 bolts.
AEP-701007 **Order# 100994**

ANCOR MARINE GRADE™ PRODUCTS

Stainless Steel Wire Cutter/Stripper/Crimper

Crimps 10-22 AWG insulated, non-insulated terminals and coaxial connectors. Cuts and strips 8-22 AWG solid and 10-24 AWG stranded wire. Resists corrosion and nicking. Dual GRIP™ is easy on wrists. Over molded ergonomic handles for comfort. Laser etched permanent markings. Precision ground plier nose. Looping holes.
AEP-701009 **Order# 169705**

ANCOR MARINE GRADE™ PRODUCTS

Automatic Wire Strippers

Automatically adjusts to different wire sizes. Strips without damage to conductors. Slim jaw, steel side cutter. Wire stop adjusts length of strip from 3/8" - 1/2". Strips AWG 24-12. AEP-702030
Order# 100998

ANCOR MARINE GRADE™ PRODUCTS

Double Crimp Ratchet Tool

Crimps 26-10 AWG vinyl and nylon insulated terminals and connectors. Includes lever to release jaws mid-cycle in the event of an incorrectly placed terminal. Ratcheting operation with ergonomic handle to prevent hand fatigue. 4 color-coded cavities for different wire sizes.
AEP-703030 **Order# 756513**

BLUE SEA SYSTEMS

DC Digital Voltmeter

Displays voltage from 0 to 60 Volts. 3 levels of display brightness. Splashproof front. Manual sleep mode blanks display for power conservation. Applicable for 12, 24, 32, 36, and 42 Volt DC systems.
BLS-8235 **Order# 149288**

BLUE SEA SYSTEMS

DC Analog Voltmeter

2-3/4" face. Shunt is external on ammeters. 8-16 VDC.
BLS-8003 **Order# 150157**

7-Function, 19-Range Digital Multimeter

Auto ranging capability allows the meter to automatically determine the resolution based on the application. Compact, lightweight design AC/DC voltage capable with temperature measurement functionality. Impact resistant housing with protective rubber overmold. Operates from (2) AAA batteries.
SPE-DM6250 **Order# 745550**

BLUE SEA SYSTEMS

Mini Clamp Multimeter

Clamp allows measurement of AC and DC current in wires without disturbing the circuits or contacting live terminals. Auto range simplifies operation: 0.01-400 Amps, 0.001-600 Volts. Auto power-off after 10 minutes of non-use. Large digital display. Data hold to lock reading value. Test leads included with meter.
BLS-8110 **Order# 730768**

Manual/Digital Multimeter

5 function, manual ranging digital multimeter for most household applications. Tests up to 500 VAC & 600 VDC. 2M OHM resistance, 10A range. Protective rubber boot protects meter if dropped and secures leads for storage. Includes leads, instruction manual and battery. CULUS Approved.
HTV-766103 **Order# 901244**

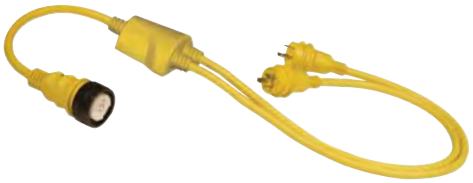
Pocket Sized Mulitmeter/Tester

12 range pocket-sized analog multimeter/tester. 5 Function, includes test leads, instructions. Features mirrored and color coded scale, positive off position. UL Listed. HTV-585034
Order# 700319

MARINCO

"Y" ADAPTERS

These adapters are equipped with covers and sealing collars (where indicated) and are for use in wet locations.



Part#	Order#
A. MCO-153AY	**150201**
B. MCO-157AY	**122461**
C. MCO-RY504-2-30	**737650**

FEMALE CONNECTOR
Attaches to cordset or boat inlet

MALE PLUG
Attaches to dockside receptacle or cordset.

MARINCO

PIGTAIL ADAPTERS

Part#	Order#
★A. MCO-104SPP	**146760**
★B. MCO-105SPP	**150190**
C. MCO-111A	**150796**
D. MCO-121A	**150193**

FEMALE CONNECTOR
Attaches to cordset or boat inlet

MALE PLUG
Attaches to dockside receptacle or cordset

These adapters are equipped with covers and sealing collars (where indicated) and are for use in wet locations.
★ Power indicator light on these models.

SMARTPLUG Shore Power

Dual Configuration Cordsets

The SmartPlug 30 Amp Dual Configuration Cordset connects to the SmartPlug 30 Amp Inlet (BM30S) on the boatside and a typical 30 Amp twist-type outlet on the dockside. It is also the only shore power cord on the market which uses tinned copper wire throughout the entire length of the cable for the ultimate in corrosion resistance. No adapters needed. Power-on indicator on boatside connector end. Straight electrical contacts with 20x more contact area. Weatherproof face seal on boatside connector end. Multi-point locking system.

Part#	Length	Order#
SSY-C30253	25'	**735889**
SSY-C30503	50'	**735887**

30 Amp Inlet and Connector Kit

Includes the 30 Amp Inlet (BM30NT) and the 30 Amp Connector (BF30), everything you need to protect your boat from shore power overheating and burning. Installation of both components is easy. Simply replace the connector on the boatside end of your existing shore power cordset, as well as the shore power inlet on your boat with the superior SmartPlug equivalent using the included instructions. SSY-B30ASSYNT
Order# 760916

Inlet Only
SSY-BM30NT **Order# 760917**

MARINCO

Right Angle Cordset Adapters

Convert your power cord from a straight connection to a right angle connection. Minimal cordset protrusion from inlet. GripLock™ handle for easy hook-up and correct blade alignment with inlet. Includes threaded ring, EasyLock™ Ring and Sealing Collar.

Part#	Amps	Order#
MCO-1RPC	30	**176004**
MCO-1RPC50	50	**730756** N

MARINCO

EEL SERIES ONE-PIECE ADAPTERS

The new EEL (Easily Engaged Lock) system allows secure, one-hand operation. EEL is interchangeable with any old style inlet or cordsets. All EEL will connect end to end with all Marinco or Hubble cords.

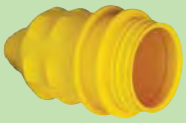
20A Locking Male Plug To 15A Straight Female Connector
MCO-S20-15 **Order# 748447**

30A Locking Male Plug To 15A Straight Female Connector
MCO-S30-15 **Order# 748450**

15A Straight Male Plug To 30A Locking Female Connector
MCO-S15-30 **Order# 747381**

MARINCO

Dockside

	Marine Receptacles Corrosion resistant reinforced nylon construction.	Weatherproof Covers Yellow LEXAN® polycarbonate with lift lid, for use with Marinco recemptacles.	Male Plugs Superior strain-relief system. Dust seal keeps contaminants out of terminals.	Weatherproof Covers Heavy duty vinyl construction, use with male plugs for superior seal.	Cordsets Shore Power Cordsets Marine grade cable, watertight molded plug and connector.
30A 125V 2 Pole 3-Wire Locking	MCO-305CRR Order# 150212	MCO-7420CR Order# 150226	MCO-305CRPN Order# 150210	MCO-102N  Order# 150187	MCO-50SPP Order# 122463
50A 125V 2 Pole 3-Wire Locking	MCO-6370CR Order# 150223	MCO-7788CR Order# 150229	MCO-6361CRN Order# 122465	MCO-7717N Order# 150228	MCO-6153SPP Order# 168338
50A 125V/250V 3 Pole 4-Wire Locking	MCO-6369CR Order# 150222	MCO-7788CR Order# 150229	MCO-6365CRN Order# 150221	MCO-7717N Order# 150228	MCO-6152SPP Order# 165485

Boatside

	Weatherproof Covers Heavy duty vinyl construction, use with female connector for superior seal.	Female Connectors Ribbed nylon construction, color coded terminal pockets and screws.	Power Inlets Simple to install, feature a protective rear safety enclosure that provides safe, reliable strain relief.		
30A 125V 2 Pole 3-Wire Locking	MCO-103RN Order# 150188	MCO-305CRCN Order# 150208	MCO-303SSELB Order# 149082	MCO-301ELB Order# 150206	A. B. C.
50A 125V 2 Pole 3-Wire Locking	MCO-7715CRN Order# 150227	MCO-6360CRN Order# 122464 N	MCO-6371ELB Order# 150224 N		
50A 125V/250V 3 Pole 4-Wire Locking	MCO-7715CRN Order# 150227	MCO-6364CRN Order# 150220	MCO-6373ELB Order# 150225		

Replacement Parts For 30A

Description	Order#
A. Easy Lock Ring for 30A	745650
B. Threaded Ring for 20A & 30A	164253
C. Sealing collar w/ Threaded Ring for 30A	154058

Phone/Cable/TV

Phone & TV Inlet

Stainless steel trim on cap. Watertight cap, glass filled polyester.

MCO-PH6574TV

Order# 150232 N

victron energy
BLUE POWER

Phoenix MultiPlus 120V

Multi-functional, intelligent shore and generator power management with advanced features providing a range of new applications:

- *Uninterrupted AC power (UPS function)*
- *Virtually unlimited power with up to six Multi's in parallel operation*
- *Three phase, split phase, and 2 leg three phase capability*
- *Phoenix Multi Power Control Panel prevents overloading of limited generator or shore side/grid power*
- *Innovative MultiPlus Power Assist boosts shore or generator power capacity*
- *Four stage adaptive charger*

The possibilities of paralleled high power Multi's are truly amazing. For ideas, examples, and battery capacity calculations, please refer to "Energy Unlimited" available free of charge from Victron Energy and downloadable at www.victronenergy.com.

Quattro 5kVA
120 or 230Vac Series Inverter/Charger

The Quattro can be connected to two independent AC sources – shore-side (grid) power and a generator or to two generators. The Quattro automatically connects to the active source.

- *Two AC inputs with integrated transfer switch*
- *120 or 230Vac input and output*
- *PowerControl to prevent overloading of limited generator or shore side/grid power*
- *PowerAssist - Boosting shore or generator power*
- *Virtually unlimited power thanks to parallel operation*
- *Three phase and split phase capability*
- *Solar energy: AC power available even during a grid failure*
- *240Vac split-phase configuration available (120Vac units only)*

A grid connected PV system will shut down when the grid fails! Not anymore: the Quattro will replace the grid as needed, keeping the alternative energy system "on line." And system configuration has never been easier.

Precision Battery Monitoring

Precision monitoring • Easy to install

All Victron battery monitors are based on a powerful microprocessor, programmed with the algorithms needed for precision monitoring, calculating ampere-hours consumed and the battery's state of charge.

Standard information and alarms

- *Battery voltage (V)*
- *Battery charge/discharge current (A)*
- *Ampere-hours consumed (Ah)*
- *State of charge (%)*
- *Time to go at the current rate of discharge*
- *Programmable alarm or generator start relay*
- *Visual and audible alarm: over- and under voltage, and/or battery discharged*

Several models to choose from:

BMV 700: low cost ultra high resolution monitor
BMV 700H: 35 to 150VDC voltage range
BMV 702: two batteries and communication port — options for auxiliary input include second battery voltage, midpoint voltage monitoring, and temperature measurement (sold separately)

Centaur Charger

Quality without compromise

Aluminum epoxy powder coated cases with drip shield and stainless steel fixings withstand the rigors of an adverse environment: heat, humidity, and salt air. Circuit boards are protected with an acrylic coating for maximum corrosion resistance.

- *Universal 90-265V AC input or 90-400V DC*
- *Three outputs that each can supply the full output current*
- *Three stage charging with temperature compensation*

Telecom Batteries:
heavy duty, front access

Designed for telecom applications; excellent "floor space savers" for marine and vehicle applications

The deep cycle AGM telecom series has been designed for use in telecom systems. With front access terminals and small footprint, the batteries are ideal for racked systems – an excellent solution for limited floor space and access problems.

- *Absorbent Glass Mat (AGM) technology*
- *Low self-discharge – less than 2% per month at 20°C*
- *Low internal resistance – accepts very high charge and discharge rates*
- *High cyclic life capability – 500+ cycles at 50% depth of discharge*

Orion DC/DC Converters:
any voltage you need

An inferior supply can cause irreparable damage to your 12 Volt system, but the use of an Orion voltage converter prevents such problems.

An ever-increasing amount of electric equipment is being used on vehicles and boats. Because most low-voltage equipment, such as navigation and radio equipment, mobile telephones or car stereo systems, is designed for 12 Volts, Victron Energy supplies DC/DC converters which deliver a stable 12 Volt supply from a 24 Volt system. These products are also distinguished by high efficiency, together with absolute safety. Available in the widest range of models:

The Orion 24/12-25, 24/12-40 and 24/12-70
— the 25 and 70 can also be used as a 12 V battery charger
The Orion 12/27, 6-12: A 24 V battery charger
Galvanic isolated models available on request

Cyrix-ct Battery Combiner
120A-230A-400A 12/24V and 24/48V

New: intelligent battery monitoring to prevent unwanted switching

The software of the Cyrix-ct does more than simply connect and disconnect based on battery voltage with a fixed time delay. The Cyrix-ct looks at the general trend (voltage increasing or decreasing) and reverses a previous action only if the trend has reversed during a certain period of time. The time delay depends on the voltage deviation from the trend. In addition, four switch timing profiles can be chosen.

More detailed information on all Victron products including downloadable brochures and white papers are available free of charge at www.victronenergy.com.

BLUE IS THE NEW GREEN!

xantrex

Xantrex HF1800 Freedom Inverter-Charger

Designed to run entertainment systems and small appliances in smaller boats, RVs, and trucks. The smallest, lightest, and least expensive models in the Xantrex lineup. Removable digital display to provide system status. Automatic three-stage battery charger. Designed to be hardwired using a terminal strip, or by connecting AC through GFCI receptacles (incl). Built-in 30-amp relay to automatically transfer between inverter power and incoming AC utility power. Three-stage charge control.
Output Wave: Modified Sine Wave
Battery voltage range: 10.5-15.5 Vdc
Battery types: Flooded, Gel, AGM and Fixed 13.5 Vds

Model#	Ouput	Charger Output	Order#
HTI-806-1840	1800W	40A	**176660**

xantrex

Protection Features
- Battery over-voltage and under-voltage protection
- Over-temperature shutdown
- Automatic overload protection
- Short-circuit protection
- Ground-fault protection
- ETL listed for use in mobile RV and marine applications

xantrex

Xantrex™ Freedom SW 2012 & 3012 Inverter/Charger

An affordable true sine-wave power solution. Designed for marine applications, features true sine-wave output and power factor corrected multi-stage charging to meet power needs of today's sensitive electronics. It offers great features at a very competitive price. It provides utility grade AC power to operate commonly used electronics such as plasma television sets, micro-waves, entertainment systems, power tools, computers, mini refrigerators and much more. It meets UL 458 and CSA regulatory requirements. With conformal coated circuit boards, it is perfectly suited for marine environments. Both models are 7.75" H x 13.5" W x 15.25" L.

Part#	Model	Volts	Cont. Inv. Output	Surge Power	Charger Amps	Charge Control	Equalization Stage	DC Outputs	Battery Type	Fuse Size	Order#
HTI-815-2012	SW 2012	12	2000w	4000w	100	3-Stage	Manual	1	Wet/Gel/Agm	275	**742691**
HTI-815-3012	SW 3012	12	3000w	6000w	150	3-Stage	Manual	1	Wet/Gel/Agm	350	**742693**
HTI-809-0921	System Control Panel										**745845**
HTI-809-0940	Network Connector Cable 25'										**748051**

victron energy BLUE POWER

Orion DC-DC Converters

24 Volt Converters

Part#	Input Range	Output Voltage	Continuous Output	Max Output	Remote Off/On	Order#
VIC-241220200R	18-35	12	17	25	no	**739587**
VIC-ORI2412202	18-35	Adjustable 10-15	25	35	yes	**745739**
VIC-ORI2412700	18-35	Adjustable 10-15	70	85	yes	**750218**

victron energy BLUE POWER

Digital Multi Control 200/200A

This panel is intended both for Multis and Quattros. It allows PowerControl and PowerAssist current limit setting for two AC sources: a generator and shore-side current for example. Setting range: up to 200 Amps.The brightness of the LEDs is automatically reduced during night time.
VIC-REC0200500 **Order# 731027** N

victron energy BLUE POWER

Phoenix MultiPlus Inverters

Multi-functional, with intelligent shore and generator power management. A powerful true sine wave inverter, a sophisticated battery charger that features adaptive charge technology, and a high-speed AC transfer switch. In the event of a grid failure or shore power or generator being disconnected, the inverter is automatically activated, without disrupting the use of computers or electronics. Up to six Multis can operate in parallel to achieve higher output. PowerControl can deal with limited generator, shore side or grid power, and PowerAssist boosts the capacity of the alternate source. Features four stage adaptive power and dual bank battery charging. The main outpost provides a powerful to the battery system by fine-tuning the three stage automatic process to suit the condition of the battery, and adds a fourth stage for long periods of float charging. In addition, the Multi will charge a second battery using an independent trickle charge.

Part#	Input Volts	Charger Amps	Transfer Switch	Continuous Output	Peak Power	Order#
VIC-PMP1230210	12	120	50 Amps	3000 watts	6000 watts	**732992**
VIC-PMP2430210	24	70	50 Amps	3000 watts	6000 watts	**735768** N

ProMariner® ProSport Portable Maintainer

Fully automatic. Designed to maintain 12 volt batteries up to 250 amp hours. Increase performance - precision regulated 13.4 VDC float mode. Can be left on for extended periods without overcharging or damaging batteries. Will not drain battery if AC is removed. LED status indicator. User adjustable for gels. Built-in safety - reverse polarity protected. Certified to U.L. 1236 Marine. 1 Year Warranty. Cable size: 4'. 2.2" x 2.5" x 3.3". 12 volts, 1.5 amps, 1 bank.
PRO-10115 **Order# 176139**

ProMariner® ProNauticP Series

Industry-recognized with the IBEX Innovation Award, ProNauticP employs our Generation 3 ProMar Digital Performance Charging Platform which combines all digital control and software based power conversion technology with global energy management features. ProNauticP addresses the trend of incorporating and using more 12-volt electronics onboard today's power, sail, cruising and sport fishing boats. Boasting twelve digitally-controlled performance charging profiles with fingertip selection, ProNauticP fully charges, conditions, maintains and re-conditions batteries while extending battery life and maximizing battery reserve power performance.

- Digital Charging Performance -12 Selectable Profiles
- Power Factor Correction - Global AC Input Auto-ranging 100-260VAC/50/60Hz
- Battery Health Re-Conditioning Mode
- Automatic Temperature Compensation and Built-In Safety - Remote Temperature Probe Included
- Also available in 24 volt models

Part#	Amps	Banks	Order#
PRO-63130	30	3	**748528**
PRO-63140	40	3	**748527**

ProMariner® ProMar5 Battery Charger

Compact and lightweight design, pre-wired for quick and easy installation. Automatic charging and conditioning performance with moderate charge times. Features a built-in safe maintenance mode for long or short term storage. Safe for Lead Acid or GEL batteries, 100% waterproof and saltwater tested, expanded LED Power and Charge status indicators, shock resistant. Other built-in safety features include: over temperature, reverse polarity, and ignition protection. 2 year warranty. 5.75" L x 3.5" W x 2" H. 12 Volts. 5 amps, 1 bank, 6' cable.
PRO-31405 **Order# 747957**

ProMariner® ProSport Generation 3 Battery Chargers

ProSport Generation 3 On-Board Marine Battery Chargers incorporate all-digital microprocessor control. Provides automatic installation feedback with its exclusive "System Check OK" and individual "Battery Bank Trouble" LED indicators, and has the most advanced energy saving mode. After fully charging and conditioning batteries, the Energy Saver Mode will monitor and Auto Maintain batteries only when needed to maintain a full state of charge, resulting in maximum reserve power performance and lower AC power consumption and operating costs. Distributed-On-Demand™ Charging technology takes 100% of the available charging amps and distributes them to any one or combination of all batteries as needed for faster charging. 100% waterproof and shockproof and 40% lighter than older technology epoxy filled chargers providing cooler operation and greater reliability. 4 digitally selectable charge profiles including a once-a-month storage reconditioning mode for extending battery life.

Part#	Volts	Amps	Banks	cable size	Order#
PRO-43008	12/24	8	2	6' AC & DC	**751572**
PRO-43012	12/24	12	2	6' AC & DC	**751573**
PRO-43021	12/24/36	20	3	6' AC & DC	**751574**

victron energy BLUE POWER Phoenix Battery Chargers

Adaptive 4-stage charge characteristic: bulk, absorption, float and storage. Two full rated outputs and one 4 amp output. Universal input 90-265V, 45/65Hz. The Phoenix charger features a microprocessor controlled adaptive battery management system that can be preset to suit different types of batteries. The adaptive feature will automatically optimize the charge process relative to the way the battery is being used.

Part#	Volts	Amps	Order#
VIC-PCH0120501	12	50	**730969** N

TrueCharge2

xantrex Smart choice for power

Redesigned, High Performance, Worldwide Charging
Xantrex TrueCharge2 Battery Chargers lead the industry with a small footprint and ultra-compact design. Low electrical interference and superior, efficient, power. Can be mounted virtually anywhere, given their unique drop-proof design. 12 volts.

- Microprocessor-controller, multistage charging algorithms
- Settings for flooded, gel, AGM or lead-calcium batteries
- Auto-ranging universal input voltage (90-270 Vac, 47-63 Hz) is also compatible with a generator or other low-quality power sources.
- Temperature-compensated charging
- Ability to charge 'dead' batteries
- Reverse battery polarity protection, drip-proof design, over and under-temp. protection, DC over-voltage protection, battery overcharging protection, ignition protection

	Charger Amps	Charge Control	DC Outputs	Battery Type	Ignition Protected	Dimensions	Weight Lbs	12V Part#	Order#
TrueCharge2	40	2 and 3	3	Gel/Flooded/AGM	Yes	10 x 7 x 2.75	8.8	HTI-804-124002	**176136**
Remote Display for TrueCharge2 Chargers								HTI-808-804001	**733677**

PRO Series XM Inverters

With Built-In Transfer Switch
Designed for RV and marine electrical systems that already have a battery charger or generator installed, they deliver modified sine wave power for small appliances, TVs, and other onboard electronics from a battery bank. A built-in transfer switch automatically transfers between inverter power and incoming AC power. Built-in 15A circuit breaker. Can be hard-wired using a terminal strip or by connecting AC through a GFCI receptacle (included). Features a detachable remote control.

Part#	Continuous	Surge	**Order#**
HTI-806-1010	1000	2000	**173106**
HTI-806-1810	1800	3600	**173107**

Jump Starters

Starts gas engines, charges phones, tablets, speakers and other portable USB devices. Compact design fits in your pocket or glove box. Affordable – pays for itself after just 1 jump start. Includes jumper cables, wall & car chargers and LED flashlight. Heavy duty & Professional versions include strobe & SOS flashlight. *Professional includes 2 USB 5V outputs and 12V & 19V outputs to charge accessories & other mobile devices.*

Model#	Starts Gas Engines	Starts Diesel Engines	**Order#**
Standard 6000mAh			
5.5" x 3" x .625"	up to 4.6L	up to 2.4L	**759705**
Heavy Duty 12000mAh			
6.25" x 3" x 1"	up to 6.4L	up to 3.2L	**759707**
Professional 18000mAh			
9" x 3.5" x 1.125"	up to 6.4L	up to 3.2L	**759708**

12-Volt Dual USB Charger

Two 5-volt DC USB charging ports allow you to charge two devices at once. LED power indicator. 3 Amp fuse. 12 volt DC.
HTV-119384 **Order# 744620**

Portable DC to AC Power Inverters

Converts battery power to standard AC plug-in power for notebooks, cell phones and PDAs, portable DVD players. Power up and/or charge your iPod®, Blackberry®, etc. CP130 has multi-position swivel plug and CPI200 has a cup-holder design. All have one AC receptacle and 1 USB port. 1 year limited warranty.

CPI190

CPI290CH

Part#	Continuous	Surge	**Order#**
CEC-CPI190	130	260	**175880**
CEC-CPI290CH	200	400	**175874**

Choose The Right Inverter

75 to 400 watt can plug directly into a vehicle's DC socket to provide instant access to household AC power, which is perfect for powering laptops, camcorders, video game consoles, or television sets. For heavier loads such as microwaves, coffee makers, and power tools, use 700, 1200, or 3000 watt models and hook directly to battery.

DC to AC Power Inverters

All inverters run at 88% optimum efficiency, have thermal shut-down, reverse polarity protection, USB output for iPod® or Blackberry®, modified sine-wave output waveform, 10-14.4 VDC input, low voltage alarm at 10.5 volts and low voltage cut-off at 9.5 volts. CPI490 has a cigarette lighter plug.

Part#	Continuous	Surge	AC plugs	**Order#**
CEC-CPI490	400	800	2	**732695**
CEC-CPI1090	1000	2000	2	**175877**
CEC-CPI1590	1500	3000	3	**175878**
CEC-CPI2590	2500	5000	3	**175879**

LinkLITE Battery Monitor

The LinkLITE battery monitor can measure currents up to 1,000 amps. It selectively displays voltage, charge and discharge current, consumed amp hours and remaining battery capacity. It is equipped with an internal programmable alarm relay, to run a generator when needed or to turn off devices when the battery voltage exceeds programmable boundaries.

- Read your battery bank like a fuel gauge
- Provides critical information about the status of your battery bank
- Displays voltage, current, consumed amp hours and remaining battery capacity
- Secondary battery bank voltage monitoring
- Large backlit LCD display
- Measures Up to 1,000 Amps

Order# 730487

High Precision Battery Monitors

The essential function of a battery monitor is to calculate ampere-hours consumed and the state of charge of a battery. Amp hours consumed are calculated by integrating the current flowing in or out of the battery.

- Highest resolution: 10mA (0.01A) with 500A shunt.
- Lowest current consumption: 1mA.
- Easiest to wire: the BMV 700 comes with shunt, 10 meter RJ 12 UTP cable and 2 meter battery cable with fuse. No other components needed.
- Easiest to install: separate front bezel for square or round appearance; ring for rear mounting and screws for front mounting.
- 2" diameter x 1.2" depth

The BMV 702 has a second voltage measurement input. This input can (for example) be used to measure the voltage of a starter battery. It also has a temperature or midpoint voltage and corresponding alarm and relay settings.

Part#	**Order#**
VIC-BAM0100700	**753255**
VIC-BAM0107000	**753256**

Bilge Counter with Cycle History

Microprocessor controlled, no moving parts to wear out, count illumination in LED display when pump runs, track pump cycles since last reset, followed by pump cycles for the previous 24 hr., 7 and 14 day periods. Data is always current - updates pump totals every 24 hours. Flashing count signifies a power loss for that time period, indicating the count could be inaccurate. Exceeds both the USCG and UL Standards. 2.375" diameter x 2.5" deep. Black face with black bezel. 12V.

Part#	Face	Order#
WWI-BC100RD	Round	**169500** N
WWI-BC100	Square	**169499**

Audible Alarm with Mute

Microprocessor controlled, no moving parts- no wear, both visual and audible alarms, built with Inteli-mute -intelligence at the mute button. Can temporarily silence alarm with mute feature. If muted too long, Inteli-mute reactivates the alarm. Exceeds both the USCG and UL Standards. Power used at rest: .006 amps, power used at alarm: .062 amps, 2.25" diameter x 2.5" deep. Black bezel. Requires bilge pump switch. 12V.
WWI-BP500R **Order# 169586**

Rule Bilge Alarm

The High Water Bilge Alarm consists of a float switch and an in-dash gauge that features both a visual and audible alarm. This unit allows an unmanned compartment to be constantly monitored. For additional compartments add Model 35 Float Switch. 12V. RUL-033ALA
Order# 171606

Bilge Alarm

JOHNSON PUMP

Totally sealed fluid detector is never in contact with water, will not corrode and is not affected by oil or debris. BilgeAlert detects water and sends a signal to the alarm (90db) and switch conveniently mounted on a panel. Three way rocker switch allows alarm to be tested, turned off and armed. 12V.
JPA-72303 **Order# 165840**

aqualarm

Save-Your-Engine-Kit

Prevent engine overheating due to flow obstruction. Audio and visual alarm alerts to flow loss due to intake damage or decreased power. Adjustable for 1.5 GPM to 28 GPM flow. Made of high temp CPVC. Length 5-3/4". 12/24V. Male hose to barb adapters not included.

Part#	FPT	Hose	Order#
AQA-20064	1"	1/2"-1-1/2"	**157851**
AQA-20063	2"	2" and up	**157853**

aqualarm

Bilge Water Level Warning System

Loud bell and red light panel signal HIGH WATER. Includes bell, bilge water lever detector and red light warning panel. 12 volts. AQA-20131
Order# 165385

aqualarm

Cooling Water Flow Detectors

Monitors raw water flow. Activates audible or visual alarm. 12/24/32V.

Part#	Female Pipe Thread	Model#	Order#
AQA-10231	2"	200	**169956**

Whale

Gusher Titan Pump

A powerful, lightweight bilge and waste pump. Self-priming and constructed from non-corrosive materials. Lightweight with an easy action. Up to 28 gal per minute. 1-1/2" connections. Available in bulkhead and thru-deck models.

Part#	Type	Order#
WHA-BP4402	Titan Bulkhead	**136453**
WHA-BP4410	Titan Thru-Deck	**136454**

Whale

Gusher 10 Pump

A robust, diecast-alloy bilge pump. Ideal for workboats, cruisers and offshore racing. Self-priming with a light and easy action. Approved for use in lifeboats. Up to 22.5 gal per minute. 1-1/2" connections. Bulkhead model. WHA-BP3708 **Order# 136451**

Spares Kits

Spare diaphragms and parts for Whale Titan and Gusher pumps.

Part#	For	Order#
WHA-AK4400	Titan	**136493**
WHA-AK3706	Gusher 10	**146215**
WHA-AK3528	Gusher 25	**136491**

Guzzler Manual Pump

Large openings; rugged housing make it impervious to many fuel oils, solvents and detergents. Non-corrosive body. Use these pumps to de-water bilges and holds or transfer watery sewage to or from holding tanks. All models are self-priming, capable of a 12' suction lift. All are base mount.

Part#	Handle	GPM	Port	Hose	Order#
BOS-400H	Horizontal	10	3/4"	1"	**104856**
BOS-400V	Vertical	10	3/4"	1"	**104857**
BOS-500H	Horizontal	15	1.25"	1.5"	**104859**
BOS-500V	Vertical	15	1.25"	1.5"	**104860**

Y Valve

Use with Series 500 Guzzler pump or any system using 1-1/2" hose.

Part#	Type	Order#
BOS-95	Base Mounted	**104862**
BOS-95M	Flush Mounted	**104863**

Spares Kits

Repair kits for Bosworth Guzzler pumps.

Part#	For	Order#
BOS-15-400	400 Series	**104851**
BOS-15-500	500 Series	**104852**

Beckson

"Thirsty Mate" Hand-Bilge Pumps

Self-priming, easy to clean. If it becomes clogged, the bottom foot can be removed and the inside cleaned out. This pump will not rust, corrode, or mar the boat.

Part#	Length	Hose Dia	Hose Length	GPM	Order#
BEC-118PF	24"	1-1/4"	20"	6	**102943**
BEC-124PF	24"	1-3/4"	24"	10	**102944**
BEC-224PF	24"	1-1/2"	24"	8	**102952**
BEC-136PF	36"	1-3/4"	36"	13	**102949**
BEC-124PF6	24"	1-3/4"	72"	10	**102945**
BEC-136PF6	36"	1-3/4"	72"	13	**102950**

Sahara Automatic Bilge Pump

Automatic, compact size and low profile pump for confined areas. Permanent-magnet motor, stainless steel shaft, and steel-reinforced seal. Sized for boats up to approximately 17 ft. 500 GPH at open flow, 350 GPH at 3.3' head. Draws only 1.5 amps at open flow! 3/4" hose outlet. 3 year warranty. ATT-4505-7 **Order# 157912**

Attwood Waterblaster Cordless Pump

A stand alone water pump. Runs up to 5 hours and pumps 200 gallons per hour on three alkaline D batteries. Includes 42" hose which wraps around pump housing for convenient storage and male fitting for attaching a garden hose. 6-3/8" high x 5-1/4" diameter. Lifts water to height of 4'. ATT-4140-4 **Order# 102458**

rule
a xylem brand

Rule Bilge Pump/Switch Combo Kit

Includes RUL-024A 12 volt DC pump and RUL-035 Mercury-free float switch. RUL-024/035A
Order# 171609

rule
a xylem brand

Side Mount Bracket

Permits small Rule bilge pumps to be side mounted to a vertical stringer, a bulkhead, or a transom. Use this bracket when bottom mounting is inconvenient or impossible. Fits pump 360-1100 GPH.
RUL-066 **Order# 129091**

rule
a xylem brand

Replacement Strainer Baskets

Part#	Fits Pumps	Order#
RUL-275	Round, 360-1100 GPH	**149315**
RUL-278	Round, 1500-2000 GPH	**149316**
RUL-277	Square Pumps 020A and 020F	**149314**

rule
a xylem brand

Tournament Series, Bronze Base 1600 GPH, Livewell Pump

Designed for the toughest applications; the Tournament Series pump is the highest capacity livewell pump in today's market. Pump features a bronze base, anti-air-lock feature, and a heavy duty long life motor. RUL-209B
Order# 168419

JOHNSON PUMP

Pro Series Aerator Livewell Pump

Bronze inlet on base. Double ball bearing, larger motor stack and more windings than any pump on the market. Internally threaded port that won't break. Removable check valve included. 1600 GPH. 12VDC. Amps 7. Hose 1-1/8". Fuse 10A. GPH 1600.
JPA-1600B **Order# 737661**

Choosing A Bilge Pump

These recommendations are a general guideline only. Boat construction and use affect pump requirements. It's always better to be overprotected and to have a manual pump as backup.

Boat Size	GPH
Up to 20'	600
20' to 26'	800
26' to 30'	1000-1200
30' to 35'	1200-1600
35' to 40'	1600-2200
40' to 45'	3000-4000

SEASENSE

Submersible Bilge Pumps

Impact resistant ABS housing. Ignition protected. Certified flow rates. 30" tinned marine grade wire leads. Stainless steel shaft and mounting hardware. Universal quick release strainer base for easy cleaning. Universal mounting hole positions.

Part#	GPH	Hose	Order#
UNM-50010410	600	3/4"	**729658**
UNM-50010420	800	3/4"	**729655**
UNM-50010430	1100	1-1/8"	**729657**

SEASENSE

800 GPH Submersible Fully Automatic Bilge Pump

Built-in float switch. Impact resistant ABS housing. Ignition protected. Certified flow rate. 30" tinned marine grade wire leads. Stainless steel shaft and mounting hardware. Universal quick release strainer base for easy cleaning. Universal mounting hole positions. 800 GPH. Uses 3/4" hose.
UNM-50010425 **Order# 729656**

SEASENSE

Bilge Pump and Float Switch Combo

Complete kit with stainless steel mounting hardware. Ball type float switch (no mercury). Impact resistant ABS housing. Ignition protected. 30" tinned marine grade wire leads. Stainless steel shaft. Universal quick release strainer base for easy cleaning. Universal mounting hole positions. 600 GPH.
UNM-50010423 **Order# 736690**

Portable 12v Aerator Kit

Aerates 5-30 gallons of water. 460 gph pump with suction cups attaches to nearly any non-porous surface. 9" long spray tube can be cut for any container. Adjustable spray head and foam filtration system keeps water sparkling clean. Battery clips for easy hook-up.
RUL-202K **Order# 138980**

rule
a xylem brand

Tournament Series Aerator Pump

Push button motor cartridge removal makes it quick and easy to replace a motor or change your output. Base rotates 360° to fit any application. Dual port option allows connection of washdown pump with just the single thru hull fitting. Includes both straight and 90° hose barb fittings. Anti-airlock protection.

STC Series for Thru Hull Applications - Straight 4-3/4" pickup tube

Part#	GPH	Amps	Outlet	Order#
RUL-403STC	800	2.8	3/4"	**753043**
RUL-405STC	1100	3.3	1-1/8"	**753044**

FC Series for Seacock Applications - Straight 1" pickup with tapered threads

Part#	GPH	Amps	Outlet	Order#
RUL-403FC	800	2.8	3/4"	**753045**
RUL-405FC	1100	3.3	1-1/8"	**753046**

Replacement Cartridges

Part#	GPH	Outlet	Order#
RUL-45DR	500	3/4"	**753047**
RUL-46DR	800	3/4"	**753048**
RUL-47DR	1100	1-1/8"	**753049**

rule
a xylem brand

Bilge Pumps

Pumps feature exclusive Rule moisture tight seals. Compact, efficient, maintenance free, positive snap lock strainer base. Totally submersible, silent running and vibrationless. Ignition protected, water cooled motor, anti-airlock features, no burnout when run dry, stainless steel shaft.

Part#	GPH	Outlet	Volt	Order#
RUL-024DA	360	3/4"	12	**129024**
RUL-025DA	500	3/4"	12	**129025**
RUL-026D	500	3/4"	24	**129028**
RUL-020F	800	3/4"	12	**129023**
RUL-020A	1000	1-1/8"	12	**129022**
RUL-027DA	1100	1-1/8"	12	**129029**
RUL-002	1500	1-1/8"	12	**129013**
RUL-010	2000	1-1/8"	12	**129014**
RUL-010-6UL	2000	1-1/8"	12	**150249**
RUL-012	2000	1-1/8"	24	**129016**
* RUL-011	2000	1-1/8"	32	**129015**
RUL-014A	3700	1-1/2"	12	**129017**
RUL-014A-6UL	3700	1-1/2"	12	**150250**
RUL-016A	3700	1-1/2"	24	**129019**
* RUL-015A	3700	1-1/2"	32	**129018**
RUL-56D	4000	2"	12	**155044**

*UL Listed. With 6' wire.

rule® Gold Series Bilge Pumps

5 year warranty. Double insulated long stack motor for superior quality and performance. 5/16" stainless steel shaft, an extra strong nylon/fiberglass impeller, a heat resistant acetal resin housing and a straining system to virtually eliminate clogging.

Part#	GPH	Outlet	Volt	Order#
RUL-004	1500	1-1/8"	12	**165259**
RUL-009	2000	1-1/8"	12	**151222**
RUL-013A	3700	1-1/2"	12	**165260**

Rule-Mate™ Fully Automated Bilge Pumps

The new eco-friendly Rule-Mate™ series features a solid waste water sensing technology that eliminates the need for a separate float switch. All-in-one pump and switch. Pump turns on when water level rises and shuts off when water is removed. Will not pump oil. Snap-off strainer for easy cleaning. Anti-fouling impeller. Each pump includes (1) straight and (1) 90° hose barb fitting. 12v.

rule
a xylem brand

Part#	Volts	Hose	Order#
RUL-RM-500A	12	3/4"	**733253**
RUL-RM-750A	12	3/4"	**733254**
RUL-RM-1100A	12	1-1/8"	**732718**
RUL-RM-1500A	12	1-1/8"	**755327**
RUL-RM-2000A	12	1-1/8"	**755328**
RUL-RM-750A-4V	24	3/4"	**733257**
RUL-RM-1100A4V	24	1-1/8"	**733256**

Automatic Submersible Pumps

rule
a xylem brand

Pumps feature automatic pumping without external floats or switches to tangle, stick or fail. Every 2 1/2 minutes, the pump checks for water resistance, and pumps until the water is cleared. Completely submersible, rust and corrosion proof. The snap off strainer is easy to clean. Includes an ignition protected, double insulated motor. Note: Due to frequent cycling, do not install near sleeping berth or on vessels with limited battery support.

Part#	GPH	Outlet	Volt	Order#
RUL-025S	500	3/4"	12	**129026**
RUL-020RS	800	3/4"	12	**156912**
RUL-027S	1100	1 1/8"	12	**129066**

High Capacity Bilge Pumps

JOHNSON PUMP

The best choice when you are looking for a high performance, heavy duty bilge pump that is designed to meet and exceed the tough demands of commercial and recreational duty. These pumps are liquid cooled with double ball bearing motors for extended service life. The 4000 GPH model has a universal base plate and a choice of 1.5" or 2" ports and a check valve. All are 12 volts.

Part#	GPH	Hose Size	Amps	Order#
JPA-16004	1600	1-1/8"	7	**165832**
JPA-22004	2200	1-1/8"	7.5	**165835**
JPA-40004	4000	1-1/2" and 2"	15	**165836**

Cartridge Bilge Pumps

JOHNSON PUMP

Compact, all-in-one motor/impeller unit. No tools needed for maintenance. Energy efficient. Water-cooled motor for long service intervals. Easy-to-install Dura-Port discharge ports eliminate stress cracking caused by over-tightened hose clamps. Includes both a straight and a 90° smooth elbow Dura-Port. 3/4" hose. All are 12V.

Part#	GPH	Amps	Order#
JPA-32503	500	2.5	**165830**
JPA-32703	750	3	**736790**
JPA-32903	1000	3.2	**736791**

Ultima Automated Bilge Pumps

JOHNSON PUMP

Compact, all-in-one unit. Integrated Ultima Switch sensing right into the pump body. No mercury. Removable clip-on basket and removable impeller cover. Allows for easy clean out. 3-wire device can be run in auto or manual override mode. Extremely energy efficient, water-cooled motor for long service intervals. 12v.

Part#	GPH	Ports	Order#
JPA-32-4725803	600	3/4"	**737655**
JPA-32-4725903	800	3/4"	**737656**
JPA-32-4726003	1000	3/4"	**737657**
JPA-32-4726102	1250	1-1/4" and 1-1/8"	**737658**

Whale

Supersub Bilge Pump Family

Narrow, low profile automatic bilge pump fits deep down in small, confined bilge spaces. Easy installation, outlet and pump body rotate to suit you. High performance flow, up to 1100 US GPH. Efficient operation, very low power consumption. Low profile strainer leaves the bilge almost dry. Easy to clean, snap fit assembly, unique clever strainer design, easy to remove and replace.12v.

Part#	GPH	Order#
WHA-SS5212	650	**745979**
WHA-SS1212	1100	**745519**

rule
a xylem brand

Rule LoPro Series Bilge Pumps

Designed to bring pumping power to tight spaces. Multiple modes of operation provide flexibility for a variety of applications. Choice of operational mode. Fully rotating discharge body. Choice of discharge ports supplied with each pump. Backflow prevention valve. Horizontal or vertical mounting. 900 GPH. 12V.

RUL-LP900S **Order# 756061**

Non-Automatic Version
RUL-LP900D **Order# 752543**

3-Way Lighted Rocker Panel Switch

Controls any pump equipped with an automatic float switch. Built in fuse holder and an internally lighted rocker switch with 3-positions (auto, off, or manual) with the Rule "fail-safe" spring return to "off" from the manual position.
RUL-043 **Order# 143837**

Rule Panel Switches

Controls any pump equipped with automatic switch. The deluxe (RUL-041, pictured) has three positions: *Automatic, Off,* or *Manual.* Has spring return "off" from manual position, stainless steel panel, red indicator light and pre-wire fuse.

Part#	Switch	Volt	Order#
RUL-049	On, Off	All Voltage	**129041**
RUL-045	Auto, On, Off	All Voltage	**129040**
RUL-041	Auto, On, Off	12v w/Light	**129038**

Bilge Pump Control 12 Volt

Gives you full control of your equipment. Just push the button for manual or automatic bilge pumping. The automatic feature operates in combination with your automatic bilge switches or the electric float switch. 3 way. 2.99" x 2.17" x 1.57".
JPA-82044 **Order# 731193**

2 Way On/Off switch
JPA-82004 **Order# 730699**

Rule-A-Matic Plus Float Switch

Sleek and rugged, the Rule-A-Matic Plus float switch has a strong, fully integrated, impact resistant cover, which protects against debris and jamming. 14 gauge highly abrasive resistant marine grade wire, and a built-in test feature. Mercury Free.
RUL-040A **Order# 171605**

Automatic Bilge Switch

Makes any bilge pump operate automatically. As water exceeds safe limits, the pump is turned on by a rolling steel ball, which changes the pressure on the micro switch. 15 max amps. JPA-26014R **Order# 165838**

Ultima Switch

Produces micro-electrical fields that detect disruptions caused by water and fluids. Detector cells are never in contact with the water, will not corrode and are not affected by oil or foreign debris. Activates at a 2" fluid level and deactivates at a 3/4" fluid level. 8 second delay prevents false starts. Rated to handle pumps up to 20 amps at 12 or 24 volts. JPA-36303
Order# 165839

Rule-A-Matic Switch

Utilizes simple float principle which eliminates troublesome diaphragms, points and reeds. No exposed metal to corrode. Works with 12 to 32 volts DC, up to 14 amps. Mercury free snap switch.
RUL-035A **Order# 171601**
RUL-035FA (w/Fuse) **Order# 171602**

Rule Super Switch

Large float provides more buoyancy, less on and off cycling. Wire is kept up and out of the way. No battery drain. Works with 12 to 32 volts DC, up to 20 amps. No diaphragms, points or reeds to "stick on" or corrode. Optional Rule Super Switch Guard prevents flotsam from jamming the switch in the on or off position. With exclusive "push to test" button on guard. Mercury Free.
RUL-037A **Order# 171603**
RUL-037FA (w/Fuse) **Order# 171604**

Electronic Bilge Pump Switch

No moving parts and no electrolysis. Impermeable to all bilge substances. Activates when water touches lower sensor. Will not interfere with other electronics and will not pump a bilge full of pure gas, diesel or oil. Easy to install and mounts at any angle. 30" lead of 16 ga. tinned copper wire. 7 year limited warranty. 2-5/8"W x 1-5/8"H x 1-5/8"D. Uses .006 amps. Submersible.

Part#	Max. Load	Volts	Order#
WWI-217	10 amps	12	**169501**
WWI-230	20 amps	12	**169502**
WWI-230-24	15 amps	24	**169503**

20 Amps! Heavy Duty!

Mini Witch Electronic Bilge Pump Switch

12 volts, 15 amps. Mercury free. Simple installation. Delay On to avoid false pump cycles, Delay Off controls standing water level. No wear or sticking. Stainless steel metal parts. Exceeds both U.S. Coast Guard and U.L. standards. 1.975"W x 1.2"H x 1"D.
WWI-101 **Order# 172809**

110v Automatic Sump Pump

1800 GPH with a computer controlled float switch. Senses the presence of water without external floats or switches to tangle, stick or fail. For draining basements, boats, ponds, sumps, etc. Submersible in fresh or sea water. Acetal plastic housing and strainer base, glass-filled nylon impeller, stainless steel shaft and Teflon shaft seal. Screened inlet for easy cleaning. Outlet: 1-1/8" Hose connection (includes elbow with 1" FNPT pipe thread and a 3/4" garden hose adapter). 110 volts, 1 amp, 100 watts and 8' power cord with 3-prong grounded plug.
RUL-A53S **Order# 137875**

Ultra Safety Systems

The Ultimate Float Switch

The ultimate in performance and reliability. Commercial grade construction. Impervious to all materials commonly found in bilges. Switch components completely sealed against moisture. Extra long wire leads with adhesive nylon butt splices. Optional backup alarm sensors available on the SR model only. Underwriters Laboratories listed. Exceeds U.S. Coast Guard standards. Wiring instructions engraved on the switch. Mounts easily and is simple to wire. 12V.

Ultimate Sr. Float Switch Pump Switch and High Water Alarm Sensor
12 Volts
USS-ELI-UFS01 **Order# 135585**
24-32 Volts
USS-ELI-UFS024 **Order# 135586**

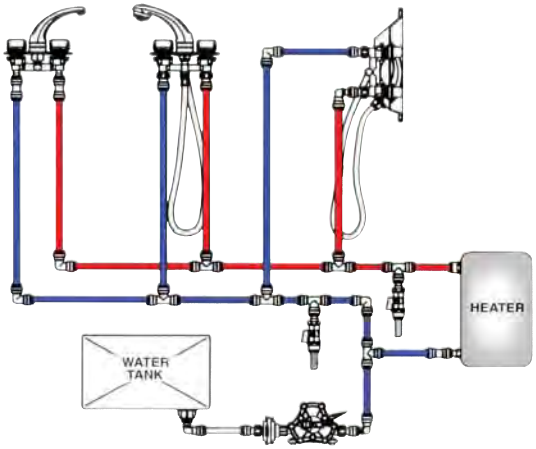
Ultimate Mini Float Switch Pump Switch
12 Volts
USS-UPS06-12V **Order# 154936**

Ultimate Jr. Float Switch Pump Switch Only
USS-ELI-UFS02**Order# 135587**

Ultimate High Water Bilge Alarm with 9 Volt Battery
USS-ELI-UBA201 **Order# 135584**

Sea Tech Plumbing System

All Sea Tech connectors ensure zero-leak connections. The pipework is plugged into fittings, which are attached with adapters to tanks, heaters, faucets, valves, etc. Stainless steel gripping teeth in the collets allow interconnection with multiple materials without the need for special tools or tube inserts. Use with copper, CPVC, polybutylene, PEX, LDPE, MDPE and HDPE tubings.



Tubing: Produced from a high performance, cross-linked polyethylene material. 1/2" CTS has a 5/8" O.D. Operating Pressure: Vacuum to 160psi. Max Temperature: 180°F 100psi, 72°F 160psi.

Size	Color	Order#
15mm	Blue	**175712**
15mm	Red	**175713**
15mm	White	**175714**
1/2" CTS	Blue	**175715**
1/2" CTS	Red	**175716**

Tubing Cutter

SET-1158-1522
Order# 176823

Metric 15mm Fittings: Designed and manufactured in several high performance materials that are certified for contact with drinking water. Max temp: 140°F 100psi and 75°F at 250 psi. Operating pressure: Vacuum to 250 psi.

Description	Size	Order#
Union Tee	15mm	**175692**
Union Elbow	15mm	**175689**
Union Connector	15mm	**175686**
Stackable Tee	15mm	**175693**
Stackable Elbow	15mm	**175690**
Stop Valve	15mm	**175699**
End Stop	15mm	**175694**
Collet Clip 3-Pack	15mm	**175695**
Female Swivel Elbow	15mm	**175691**
Female Connector	15mm x 1/2"NPS	**175685**
Male Connector	15mm x 1/2" NPT	**175696**
Reducing Union	15mm x 1/2" CTS	**175687**
Reducing Valve	15mm x 1/4" OD	**175698**
Hose Barb	15mm x 1/2" HB	**175697**

Union Elbow

Union Connector

Stackable Elbow

Female Connector

Series 35 Fittings: Designed and manufactured in polysulfone, a high performance thermal plastic. Interconnect with all Sea Tech Series 24 fittings. Max temp: 180°F 100psi and 75°F at 250 psi. Operating pressure: Vacuum to 250 psi.

Description	Size	Order#
Union Tee	1/2" CTS	**175730**
Union Elbow	1/2" CTS	**175728**
Union Connector	1/2" CTS	**175727**
Stackable Tee	1/2" CTS	**175731**
End Stop	1/2" CTS	**175733**
Inline Valve, type 39	1/2" CTS	**175732**
Collet Clip 3-Pack	1/2" CTS	**175710**
Female Swivel Elbow	1/2" CTS x 1/2" NPS	**175729**
Female Connector	1/2" CTS x 1/2" NPS	**175725**
	1/2" CTS x 3/4" NPS	**175726**
Male Connector	1/2" CTS x 1/2" NPT	**175723**
	1/2" CTS x 3/4" NPT	**175724**

Union Tee

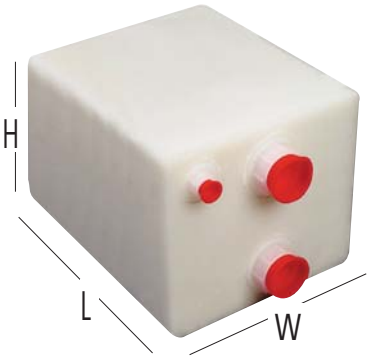
End Stop

Male Fitting

Female Swivel Elbow

Many other SeaTech sizes and accessories in stock. Please call.

Waste or Water Holding Tanks



Tanks are made of polyethylene that is in compliance with FDA regulations and meets Coast Guard standards. Each tank has two 1-1/2" openings and one 1/2" vent. Waste tanks feature a heavier wall thickness for strength. The 39 gallon tank is tapered to 1.75" smaller on the bottom than on the top and has an access cleanout on top center.

Gallon	L x W x H	Order#
4	11.75" x 10.25" x 9.25"	**156869**
9	17" x 13.75" x 10.25"	**156871**
12	24.25" x 15.25" x 8.5"	**156872**
19	21" x 17" x 14"	**156873**
25	29.5" x 16.63" x 12.75"	**156874**
39	32" x 21.5" x 14.5"	**156875**

Combo Water/Waste Tank Adapter Kit

Straight pipe-to-hose kit. Also for use with previous style waste only tanks. Contains (1) 1/2" NPT x 1/2" Barb; (2) 1-1/2" NPT x 1-1/2" Barbs; teflon tape. MOE-041311
Order# 175091

KUUMA

Water Heater with Heat Exchanger

All Force 10 marine water heaters come standard with electric and high performance heat exchange capabilities. Feature: 1500 watt AC heating element, large heat exchanger, TIG welded aluminum tank construction for superior strength, ETL certified to UL 174, ignition protected controls and remote re-settable high temp limiter. 120 volt.

Part#	Capacity	W x D x H	Order#
KUM-11810	6 Gal	13.625" x 19" x 13.5"	**147666**
KUM-11840	11 Gal	16" x 22" x 16"	**147667**

vetus

Flexible Holding Tank

This tank comes with two 1-1/2" nipples for inlet/outlet, which are not installed, and one ventilation nipple 5/8" which is installed. Tank measures 30.75" x 26.75". Capicity is 14.5 gallons. Instructions included.
VET-TANKV55 **Order# 135823**

2" Holding Tank Monitor

The LLM's digital precision allows you to accurately monitor your holding tank. Requires sending unit, sold separately. FBY-LLM-1
Order# 149493

Many fresh water and holding tank monitors available in-store and online!

FRESH WATER SYSTEMS

Aqua Jet Water Pressure System Pump

3.5 GPM 12 volt DC, smooth and pulsation free flow with five chamber design. Lower noise and water pulsation characteristics compared to conventional three or four chamber diaphragm pumps. For use with an accumulator tank. Pressure cut in: 24 PSI. Pressure cut off: 41 PSI. 10 amp, 3/8" NPT/hose 1/2", 1/2". NPT/hose 3/4", 1/2".
JPA-10-1339503 **Order# 738468**

Aqua Jet Water Pressure Pump

Quiet and pulsation-free even at low speeds. 5.2 GPM,12V. JPA-10-1340607
Order# 742032

Automatic Single Fixture Water Pump

A compact water system pump that can supply up to three fixtures, one or two at a time. Available with a built-in pressure switch which automatically starts and stops the pump when faucet is opened and closed. Self-priming, can be run dry. Strainer not included. 1.1 GPM, 1.9 Amp, 12v.
FJC-LFP122-22A **Order# 114171**

V-FLO 5.0 Water Pressure Pumps

DiMOND technology automatically detects common failures such as run dry, plumbing leaks, over current, under current, low voltage and over voltage. If the diagnostic discovers a problem, the pump will stop, identify the root cause, and provide the data you need to solve the problem. Provides consistent water pressure. 5.0 GPM.

Part#	Volts	Amps	PSI	Order#
JAB-42755-0092	12	15	40	**741452**
JAB-42755-0094	24	10	40	**741453**

Aqua King™ II Fresh Water Pumps

Quiet operation and smooth performance, built specifically for the harsh marine environment. Equipped with sealed switches and seamless e-coated motors. Thermally protected. Ignition protected. 3 year warranty. 12VDC.

Type	Model#	GPM	Amps	PSI	Order#
Aqua King II Junior	4128-110-E04	2.0	3.5	30	**757226**
Aqua King II Standard	4138-111-E65	3.0	6.5	55	**757228**
Aqua King II Premium	4148-153E75	4.0	10	55	**748249**

Water System Pump

Premium pump for boats with two or three fixtures. Dependable, low maintenance, able to run dry for extended periods. Smooth belt drive and flexible mounts aid noise reduction. Pump protected by built-in check valve. Pulsation dampeners absorb water hammer and give smooth flow to fixtures. Low amperage motor conserves battery power. Ports fit 1/2" - 5/8" Can be used in salt water systems for deck and anchor wash-down and galley rinse water. 3 GPM. 12 VDC. 6 Amp, 8 Fuse. JAB-36950-2000
Order# 120416

Jabsco Water System Pump for 3 or 4 fixtures
4.2 GPM, 12 VDC, 7.5 Amp, 10 Fuse.
JAB-36900-1000 **Order# 120415**

Jabsco Accumulator Tank

Reduces water system pulsation and primes pumps. 1 qt tank connects to the main water distribution line. Up to 125 psi. Removable plug in top for draining or winterizing. "T" fitting for 1/2" hose included. 13-1/8" H x 5" W. Molded of ABS plastic. Universal mount.
JAB-30573-0000 **Order# 120351**

PAR-Max 2.9 Water System Pump

Smooth flow, dry running capability. Soft noise absorbing mounts. Snap-fit port fittings. Built-in bypass, less pulsation. Reduces need for accumulator tank. Corrosion resistant materials. CSA listed, ISO 8846 MARINE (ignition protection), CE.
JAB-31395-0092 **Order# 176801**

PAR-Max 4 Water Pressure System Pump

Smooth flow, with dry running capability, snap fit port fittings, made of corrosion resistant materials. 4.3 gpm, 40 psi. Meets USCG 183.410 and ISO 8846 Marine (ignition protection). 12 volt. JAB-31620-0092
Order# 152082

WASHDOWN & GENERAL PURPOSE PUMPS

Aqua Jet Washdown Pump

Quiet and pulsation-free, the five-chamber diaphragm pump is ideal for both small and medium sized leisure and commercial boats. With a pressure of 5 bar, clean-up is fast and easy. CE-approved. Whisper quiet operation, self-priming, easy low-cost maintenance, quick-connect hose, inline strainer and trigger nozzle included, long service life. 1/2" NPT / hose 3/4", GHT 3/4". 12 volts, 20 amps. 73 psi. 5.2 PGM.

Part#	GPM	Order#
JPA-10-1339931	3.5	**736792**
JPA-10-1340707	5.2	**729390**

Aqua Jet Wash Down Pump Kit

Includes a high capacity Aqua Jet WD 5.2, 5 bar (72.5 psi), PUMProtector inlet strainer, spray nozzle, bulk head fitting with valve, 7.5 meters (25') of 1/2" ID coiled wash down hose and an illuminated panel switch. Integrated pressure switch turns pump on and off automatically when the spray nozzle is opened and closed. Dry running without damage. Low power consumption. 64534CL does not have switch.

Part#	Switch	GPM	Order#
JPA-64535	Yes	3.5	**737654**
JPA-64534CL	No	5.2	**752095**

Aqua King™ Supreme Fresh Water Pump

Designed for boats with multiple fixtures, this pump provides "just like home" shower pressure, yet can operate at low flow conditions without cycling. Built in mechanical bypass function varies the flow rate without an accumulator. Heavy duty motor with electro-coated seamless shell. Inlet strainer and 1/2" hose barb fittings included. 12 volt. 5.0 GPM. Max 10 amps. Shut-off pressure of 55 PSI. CE Listed.
SHU-4158-15375 **Order# 748251**

Pro Blaster Washdown Pump

Gives you the ultimate in washdown capability, delivering 5 PGM and 60 psi. High torque motor provides a powerful spray pattern. Built to withstand the tough marine environment. 12v DC. SHU-4258-15309
Order# 748248

Blaster II Washdown Pump

Perfect for fish box, scaling, and anchor chain cleaning. Rugged, self-priming. Delivers high lift, can run dry without damage, and won't overheat with extended use. Ignition protected. Switch is sealed against water damage. 3.5 GPM. 45 PSI. 12v. SHU-4238121E07
Order# 757229

WASHDOWN & GENERAL PURPOSE PUMPS

HotShot Series Automatic High Pressure Washdown Pump 5 GPM

Sealed switch and co-injected molded diaphragm, eliminates leak paths, extending the life of the pump by up to 50%. Spray nozzle provides powerful and accurate fire power. Quick disconnect ports for ease of installation in hard to reach places. PumpGard Strainer prevents over 99% of the finest particles from clogging the pump. Noise dampening rubber feet. IPX6 rated.
JAB-82505-0092 **Order# 741458**

PAR-Max 1.9 GPM Water Pressure System Pump

Smooth flow. Dry running capability. Soft noise absorbing mounts. Snap-fit port fittings. Built-in bypass, less pulsation. Reduces need for accumulator tank. Made from Corrosion resistant materials. CSA listed, ISO 8846 MARINE (ignition protection) CE.
JAB-31295-0092 **Order# 757608**

Jabsco Par-Max Plus Pressure Pump System

Exceptional flow and consistent water pressure to easily handle the demand of multiple outlets at one time. Sealed switch and co-injected molded diaphragm, eliminates leak paths, extending the life of the pumps by up to 50%. Robust electric diaphragm pump design. Self-priming up to 10 and can run dry without damage. Automatic pressure switch. Quick disconnect ports, allow for ease of installation in hard to reach places. Improved noise dampening rubber feet, significantly minimize vibration when mounted against hard surfaces. 12v. IPX6 rated.

Part#	GPM	PSI	Order#
JAB-82500-0292	5	25	**741448** N
JAB-82600-0092	6	70	**756140**

DC Driven Flexible Impeller Pump F4B-19

Bilge, Deckwash, Refueling

Highly flexible, ideally suited for use in boats as bilge and deckwash pumps, fresh water pumps and refueling pumps for oil and diesel. May be combined with a vacuum switch for automatic operation. Do not use for pumping paraffin or other thin petroleum products. Thermal protection to prevent over-heating. Stainless steel shaft, lip seal. Connection: 1" hose or 1/2" BSP. 12v, ball bearing mounted, ignition protected. 8"L x 4.72"W x 3.54"H. JPA-10-2468903 **Order# 171480**

Nitrile Impeller JPA-09-824P9 **Order# 165901**

General Purpose Pumps

Designed for use as a washdown pump and/or to circulate water to your livewell tank(s). Heavy duty construction. 1-1/2" (38mm) inlet and 1-1/2" (38mm) discharge outlet. Mount below waterline. Does not deliver high pressure, nor is it self priming. Provides lots of water, but at low pressure.

Part#	Order#	GPH	Volts
RUL-017A	**129020**	3800	12
RUL-018A	**145206**	3700	24

Best Seller!

Water Puppy Pumps

For bilge pump applications. Not for continuous use as bait tanks or livewell. 5/8" ports, 12 volt.

Part#	GPM	Use	Order#
JAB-18660-0121	5.7	Light Duty	**146332**
JAB-18670-0123	7.8	Commercial	**146338**

SHOWER PUMPS & SYSTEMS

Filterless Shower Drain Pump

Inline single chamber diaphragm pump for use in shower tray, sink drain and bilge applications. Self-priming to 10ft allows the unit to be mounted safely away from any potential wet spots. 360° rotating head for flexible installation. Capable of extensive dry running. Compact and simple design. Quiet running. Corrosion-resistant parts.
JAB-50880-1000 **Order# 172485**

Viking Power 16 Pump

CE-approved. Compact shower drain, bilge and waste water pump, specially designed to pump waste water. Easy to install, even in tight spaces. Quiet operation, easy, low-cost maintenance. High-impact fiberglass reinforced nylon body. Ball-bearing supported transmission. Non-choke valves - no filters required. Self-priming up to 3 m (9.8'). Can be run dry and can pump air/water mixture. Robust single diaphragm. Low power consumption. Capacity: 4.5 GPM open flow. Hose connection: KlickTite™ XL connectors for 1" and 3/4" hose and 1/2" (NPT) threads: straight and 90°.

Part#	Volts	Order#
JPA-10-1335003	12	**738467**
JPA-10-1335004	24	**763830** N

Multiple Port Shower Pump with Ultima Switch

Best Seller!

Compact shower pump system. Includes the L650 Duo pump and a mesh filter for easy cleaning. Multiple inlet ports. Handles waste water from more than one tapping point. Tight fitting lid to mimimize splashing and odors. Check valve on outlet. Intake hoses: 1 x 3/4", 1 x 3/4" 1 x 1", 1 x 1 1/8" or 1 x 1 1/2". Discharge hose: 3/4"
JPA-57151 **Order# 175100**

Lavatory Systems Grey Water Tank

The grey water tank is designed to be used as a collection tank for waste water from showers, sinks, dishwashing machines, etc with 19 mm, 25 mm and 38 mm inlet ports, and 19 mm and 25 mm outlet ports. The tank includes an Ultima Switch for automatic operation and is easy to connect to any 12V/24V pump up to 20 amp. The tank is prepared for Viking Power 16 with pre-drilled holes for the pump.
JPA-09-13384 **Order# 749111**

Strainers

A B

Part#	Description	Order#
A. SHU-255323	Twist-on 1/2" barb inlet	**739286**
B. SHU-255313	1/2" barb male	**739288**

Pumpgard In Line Strainers

Handy filter keeps tank crud out of your pressure water pump or bilge pump. Stainless mesh screen collects rust and scale and can be cleaned in minutes. Protects the pump from valve damage. Can be installed in any position prior to the pump. Clear inspection cover lets you see if it needs cleaning.

Part#	Hose	Order#
JAB-36200-0000	3/4"	**120409**
JAB-36400-1000	1/2"	**120412**

Sealed Run-Dry Macerator Pump

Sealed motor housing for total corrosion protection and redesigned blade for greater chopping performance. Run-Dry protection device. Sensor provides a 16-20 second run-dry period to allow initial priming of pump. Detects the absence of fluid then shuts off pump before impeller is damaged. 12 GPM, 4' vertical lift, 12 volt, 1.5" hose or 1.5" NPT and discharge port for 1" hose.
JAB-18590-2092 **Order# 169197**

Run-Dry Macerator Pump

Designed specifically for sanitation waste and fish box evacuations. Premium impeller design with run-dry capability and includes a seamless shell motor with o-ring sealed end bells and a sealed manual turn key. Unique dual blade and housing construction ensures problem free pumping, providing superior performance in harsh marine environments. Thermally protected and ignition protected. 1-Year Warranty. Port Size: Inlet 1.5" Barb/ 1.5" NPT. Outlet 1" Barb. 10.79" x 3.82" x 4.48". 13 GPM, 15 Amps (max). SHU-3200-001 **Order# 167671**

Gulper Grouper Waste Pump

Specially designed to pump out fishbox, baitwell and livewell waste. No impeller to clog or burn. Runs dry without damage. Single pump for multiple wells. Heavy duty single diaphragm. Non choke valves. Easy to maintain and clean. Multi-directional head for easy installation. Low power consumption. 5 amp dry running current. 12 volt. Fits 1" or 1-1/2" hose. 6.75 GPM. WHA-BP4572
Order# 731446

"Y" Waste Valve with Rotating Ports

Ports can be rotated through 360° without disassembly so discharge plumbing can be routed away in parallel, at 90°, in opposite directions, or either up or down. 1-1/2 ports with 1" inlet adapter included. Lock not included.
JAB-45490-1000 **Order# 151432**

FORESPAR® 'Y' Valve

Molded from Marelon®. Offering an improved, stronger handle design. 'Y'-Valves are an essential piece of equipment when the flow of water or other fluids are required to be conveniently diverted. They are easily mounted to a bulkhead. Operated by a simple 120° movement. Positive stops are provided between positions.

1"	FOR-902001	**Order# 114662**
1-1/2"	FOR-902000	**Order# 114661**

Non-Return Valve

The simple way to maintain prime in a suction or discharge line. Suitable for use with manual or electric pumps.
For 3/4" or 1" hose
WHA-LV1219 **Order# 149234**
For 1" or 1.5" hose
WHA-LV1215 **Order# 136478**

Nylon In-Line Foot/Check Valve

1-1/8" for 400 pump. Non-corroding nylon.
BOS-74-9 **Order# 734512**

Run-Dry Protected Macerator Pump

A rotary cutter shreds waste before it is pumped into or out from the holding tank. Features: built-in thermal protection, ignition protected motor, mounting bracket for easy replacement, rotary cutter of PET (thermoplastic polyester), directly connected to sewage line or holding tank. 12 volts, hose connection: 1-1/2" inlet, 1" outlet. 10 GPM.
JPA-10-2445301 **Order# 165845**

Waste Evacuation Pump

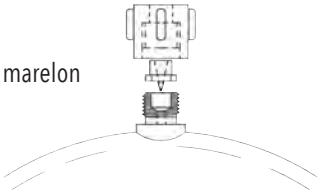
Designed specifically for use in the evacuation of holding tanks. With 1-1/2" ports and no requirement for a pre-filter. Black water can be moved easily at a flow rate of 5 GPM. The self-priming and dry running capabilities further enhance the synergy of this pump to the application, and the 360° rotating pump head allows the unit to be mounted in almost any position relative to the direction of the pipe work. Quiet running, corrosion-resistant parts and filter-less design. 12 volts.
JAB-50890-1000 **Order# 169252**

Vented Loops keep fluids from siphoning from tank to tank. Loops are commonly used in the marine toilet system and engine cooling system. The valve in the top of the loop allows air to enter the line when not in use and seals when water or other fluid passes through.

Made of Forespar's glass-reinforced, noncorroding "Marelon." Duckbill valve seals properly if particles are present in the fluid.

Part#	Barb Size	Order#
FOR-903001	3/4"	**114666**
FOR-903007	1"	**137870**
FOR-903009	1-1/8"	**161872**
FOR-903000	1-1/2"	**114665**

FORESPAR® Vent Cap Assembly



Replacement duck bill/cap. Fits all Forespar marelon vented loops. FOR-903002
Order# 114667

GROCO®

All Bronze. Oversize vent valve virtually clog-free, and can easily be removed for inspection and cleaning. Mounting hardware is included.

Part#	Barb Size	Order#
GRO-HVL-750	3/4"	**116273**
GRO-HVL-1000	1"	**116271**
GRO-HVL-1500	1-1/2"	**116272**

BUCK ALGONQUIN

All Bronze. The spacer is used when mounting on a bulkhead or other flat surface.

Part#	Barb Size	Order#
BKA-00VL75	3/4"	**103649**
BKA-00VL150	1-1/2"	**103648**

BKA-00VL150

THETFORD Corporation ComfortMate™ Manual Toilet

The ComfortMate™ toilet offers a "revolutionary new design" that combines best-in-class comfort with a compact footprint and residential styling. Other features include easy-to-clean full China bowl with residential-size seat, easy-to-grip handle and easy-to-use pump mechanism, attractive "just-like-home" look, powerful nozzle flush for robust flush coverage, compact footprint fits in the tightest of spaces, easily adapts for right or left-handed installations. 14.2"H x 20.8"W x 19.1"D. THE-41160 **Order# 730767**

Jabsco Compact Manual 'Twist n' Lock' Toilet

JABSCO a xylem brand

All black rubber gaskets are concealed from view for easier cleaning. Pump assembly angled forward for easier stroke. May be easily moved for left hand operation. Pump handle, piston and seals can be removed without disassembling the pump. 3/4" ID hose inlet. 1-1/2" discharge. Plastic base. 17.75"W x 13.19"H x 16.75"D. JAB-29090-3000 **Order# 120325**

Replacement Seat **Order# 146239**

Jabsco Marine Toilets

JABSCO a xylem brand

These 12 volt standard electric toilets are equipped with a dual-function pump which eliminates having to mess with hand pumps and dry bowl valves. With the push of a single button, the self-priming flush pump rinses the bowl as the macerator and high-capacity scavenger pump grinds up waste and pumps it out. Self-priming. Includes push-button switch and 1" to 1-1/2" hose outlet adaptor. 5/8" - 3/4" inlet.

Part#	Size	W	H	D	Order#
JAB-37010-4092	Regular	14-5/8"	14-3/8"	19-3/4"	**764394**
JAB-37010-3092	Compact	13-7/8"	14"	17-5/8"	**764393**

Quiet Flush Electric Toilet

JABSCO a xylem brand

Designed to radically reduce noise levels. Quiet Flush toilets make life on board more comfortable for all crew members. Both models come with a powerful macerator discharge pump and is supplied with 6' of white hose. 3/4" inlet hose, 1" outlet hose. 13.75"H x 14"W x 17.5"D.

The Compact is supplied with a solenoid valve and syphon breaker assembly for connection to any existing pressurized water pump with a flow rate of 3.5gpm or more. The syphon breaker prevents back flow from the toilet to the water system. Compact size, 12 volt dc, fuse 25 amp. JAB-37045-3092 **Order# 764395**

The Regular is supplied with a remote mounted quiet running flush pump to bring in sea, river or lake water for flushing. Complete with Pumpgard™ strainer. 12 volt DC, fuse 15 amp. JAB-37245-4092 **Order# 764396**

Service Kits for Toilets

Part#	Order#	Manufacturer	Type
GRO-EB-MASTER	**116203**	Groco	EB
GRO-HF-REGULAR	**116249**	Groco	HF
GRO-HF-MASTER	**116247**	Groco	HF
(Groco Master kit includes additional H-6 gasket and HF-10 piston and ring)			
GRO-K-REGULAR	**116280**	Groco	K
JAB-29045-0000	**120321**	Jabsco	Manual, 1997 and older
JAB-29045-2000	**143253**	Jabsco	Manual, 1998-2007
JAB-29045-3000	**176827**	Jabsco	Manual, 2008-newer
JAB-37040-0000	**120425**	Jabsco	Electric
THE-37057	**136025**	Wilcox Crittenden	Headmate
THE-37058	**136043**	Wilcox Crittenden	Junior 51 and Imperial 51
THE-37060	**136026**	Wilcox Crittenden	Sealco Winner
THE-37070	**136029**	Wilcox Crittenden	Sealco Skipper
RAR-PHRKII	**127990**	Raritan	PHII and PHEII
RAR-PHRK	**127989**	Raritan	PH and PHE

JOHNSON PUMP

AquaT™ Comfort Toilets

Whisper quiet operation. Hygienic, easy-to-clean vitreous china bowl and exterior surfaces. Low water consumption (2-2.5 l/flush) makes the most of holding tank capacity. Versatile plumbing connection options. Automatic back-flow prevention. Designed for virtually any onboard mounting position. May be installed above or below the waterline. Suitable for OEM or replacement installation. Corrosion resistant materials throughout. Long service life. All AquaT™ Comfort toilets have a plastic seat.

Manual Version: (13.58"H x 17.75"W x 16.73"D)
Ergonomic pump handle for ease of use. Pump can be mounted left or right of the toilet bowl. Innovative brake bushing prevents annoying leakage at the handle. JPA-80-4722901 **Order# 175821**

Electric Version
(15.2"H x 14.4"W x 19.29"D)
Equipped with 12V Aqua Jet pump
Quick-connect hose or threaded connectors. Complies with ISO 8846, ignition protection and EN 55014 EMC
JPA-80-4723201 **Order# 175824**

JOHNSON PUMP

Standard Electric Compact
(14.7"H x 13.6"W x 18.63"D)
Equipped with a combined pump unit for disposal and flushing.
An easy to install and economical choice.12 volt. JPA-80-4743501
Order# 737662

JOHNSON PUMP

TOILET TREATMENTS

Tank Tablets

The microbes in the Tank Tablets consume the ammonia which causes offensive odors, and they break down organic solids so that the tank works more efficiently. Prevents crystal build-up in the pump-out equipment, adding another benefit to boat owner maintenance. The 3-gram tablet contains 60 billion microbes -- a consortium of 100 species of aerobic, micro-aerobic and facultative anaerobes of the Archaea domain. Simply drop one tablet in your empty black water holding tank.

Part#	Tablets	Order#
YYE-TANKTAB10	10	**749648**
YYE-TANKTAB24	24	**749647**

Toilet Conditioner

Cleans, lubricates and deodorizes. Keeps all parts of the marine toilet clean and in efficient working condition. Eliminates rather than masks odors. Non-caustic. For use with fresh or salt water. 95% biodegradable earth-friendly formula. Quart. SUD-825-Q **Order# 133275**

THETFORD Corporation

Toilet Seal Lubricant & Conditioner

Silicone-based formula, extends the life of toilet seal. 24 oz. THE-36663 **Order# 171077**

Sanitation Hose

Series 148 Premium PVC Sanitation Hose/FDA VAC

Smooth wall extra heavy duty vinyl hose for all sanitation system connections and other critical applications. FDA approved and low water absorption compounds provide excellent odor resistance. *Recommended for below water line use. Do not use glycol based anti-freeze in this hose.*

I.D.	Order#
5/8"	**118073**
3/4"	**118074**
1"	**118075**
1-1/8"	**118076**
1-1/4"	**118077**
1-1/2"	**118078**

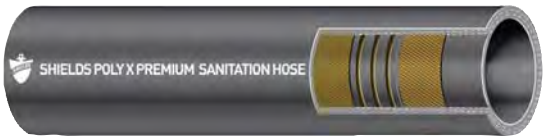
Trident Series 101/102 Sani Shield Sanitation Hose

Premium sanitation hose for all head and holding tank connections. Extra thick tube and cover specially compounded for max. resistance to odor permeation and winterizing anti-freeze. Helical wire between 2 ply reinforcement. Excellent flexibility bend radius. Longest odor-free performance on the market. Self draining installations still recommended. Not for potable water.

Color	I.D.	O.D.	Order#
White	1"	1-7/16"	**732209**
Black	1-1/2"	1-55/64"	**743560**
White	1-1/2"	1-55/64"	**743561**

Builders' Choice!

Shields Series 105 Poly X Sanitation Hose



Lifetime warranty against odor permeation. Combines the flexibility of a rubber hose with the ultimate permeation resistance of Polyurethane. Tube is constructed of smooth, white neoprene and is chemical and detergent resistant. Two textile fabric plies with one steel wire for reinforcement. Cover is smooth, glossy polyurethane, heat, weather, ozone and abrasion resistant. Vac Rating: 28. Gray.

I.D.	O.D.	Order#
1"	1-21/64"	**169949**
1-1/2"	1-27/32"	**169950**

vetus Sanitation Hose

Especially recommended for transportation of biological waste. Made of SBR rubber with inlays of woven synthetic fabric and steel spiral. Withstand temperatures between -40deg F and +159deg F. 43.5 psi.

Part#	I.D.	O.D.	Order#
VET-SAHOSE19	3/4"	1-3/8"	**730838**
VET-SAHOSE25	1"	1-27/64"	**730837**
VET-SAHOSE38	1-1/2"	1-57/64"	**730836**

Luggable Loo

Snap-on seat with hinged cover. Rugged, lightweight plastic. Fits 5 gallon bucket. (Bucket not included).
RLP-9881-03 **Order# 158071**

5 Gallon Bucket

Plastic, without cover.
HM-BUCKET-5
Order# 163097

Portable Jon

Spill-proof, tip-proof, leakproof plastic bottle. Ideal backup portable jon. CSL-PJ
Order# 141559

Female adapter
CSL-PJA **Order# 141560**

THETFORD Corporation Portable Toilets

Sanitary, odorless, and leak proof. Ideal on the road, on the water, or at home. Comes to the rescue during a power outage. Safe and convenient in a trucker's sleeper cab. New models have a refreshed, modern appearance, updated seat and cover design. More ergonomic carrying handle. Lid latch is now standard. Redesigned valve handle, fill cap and pump. Durable and easy to clean. Exclusive rotating pour-out spout. Removable seat and cover. Sealed valve keeps odors in tank. Deodorant sample included. 1 year warranty,

260B features a bellows pump flush. 320 has a piston pump flush. 260 P has a bellows or piston pump flush, easy-to-read level indicator tells when it's time to empty (available with piston flush only) a hold-down kit secures toilet to deck and optional MSD (not interchangeable with pour-out spout). 550P has a piston pump flush and easy-to-read level indicator. 550P MSD has a piston pump flush, easy-to-read level indicator, hold down kit secures toilet to deck and optional MSD (not interchangeable with pour-out spout).

260B 260P 320P 550P and 550 MSD

Thetford Model#	Fresh H20 Cap.	Waste Tank Cap.	HxWxD	Order#
260B	2.6 gal	2.6 gal	12.2"x13.4"x15"	**742841**
260P	2.6 gal	2.6 gal	12.2"x13.4"x15"	**742844**
260P MSD	2.6 gal	2.6 gal	12.2"x13.4"x15"	**742843**
320P	4.0 gal	3.2 gal	13.4"x15"x16.5"	**742846**
550P	4.2 gal	5.5 gal	16.5"x15"x16.5"	**742848**
550P MSD	4.2 gal	5.5 gal	16.5"x15"x16.5"	**742847**

THETFORD Corporation Toilet Treatments

Part#	Description	Order#
THE-03300	Toilet Tissue, 396 sheets, 2-Ply, 4/pack	**134233**
THE-20804	Toilet Tissue, 350 sheets, 1-Ply, 4/pack	**170510**
THE-94082	Aqua-KEM Holding Tank Deod., 6/pack	**748462**
THE-94059	Aqua-KEM Toss-Ins, 8/pack	**745652**
THE-94081	Aqua-KEM (3) 8 oz. bottles	**746466**
THE-94080	Aqua-KEM (6) 8 oz. bottles	**746468**
THE-94079	Aqua-KEM Holding Tank Deod. 32 oz.	**748461**
THE-94078	Aqua-KEM Holding Tank Deod. 1 Gal.	**748456**

For more Toilet Treatment and Odor Neutralizers see page 349

Angled Washdown Faucet

316 Stainless Steel washdown spigot. Mount easily with (3) #6 screws to bulkhead. 1/4 turn ceramic valve. Standard 3/4" garden hose thread for hose attachment. Includes interchangeable FRESH and RAW indicator buttons. Water Connection: 1/2" NPT-F Flange Diameter: 2-3/8".
SCA-10175 **Order# 755317**

TRAC Portable Washdown Pump

Features a professional marine-grade, self-priming pump which can run dry without damage, is completely sealed and won't overheat. Uses any available water source including lakes, oceans, water buckets and garden hose. Includes: Fully sealed pump, adjustable spray nozzle, 6.6 ft. input water hose with quick-connect fitting and filter, 19.7 ft spray hose with quick-connect fittings and 2 cord options for 12v power, battery clips for direct battery connection and a DC power port adaptor. Carrier size: 13.8"L x 11.3"W x 12.5"H. Max 100 PSI. 2 gallons/minute flow rate.14 amps.
TRC-T10068 **Order# 752291**

3/4" Garden Hose Cap

Brass cap with 12" chain and clip on end.
MTL-30-142 **Order# 146945**

Brass Twist Nozzle

4" twist nozzle with adjustable spray.
HTV-581522 **Order# 699966**

Mini Twist Nozzle

Adjustable spray: fine mist to powerful stream. Solid brass construction. Leak free design.
HTV-131068 **Order# 751081**

Garden Hose Nozzle

5-1/2" zinc alloy spray nozzle with insulated soft grip handle and front thread protector.
MTL-30-600 **Order# 146955**

Brass Hose Adapters

A.
B.
C.
D.
E.

	Part#	Type	Size	Order#
A.	MTL-30-098	Male Hose x Male Hose	3/4"	**146941**
B.	MTL-30-063S	Male Hose x Male Pipe	3/4"	**146939**
C.	MTL-30-068	Male Hose x Female Pipe	3/4" x 1/2"	**146940**
D.	MTL-30-058	Male Hose x Male Pipe	3/4" x 1/2"	**146937**
E.	MTL-30-450	Male Hose x Female Pipe Quick Disconnect	3/4"	**146947**

Marine/RV Springhose Coiled Watering Hose

Lightweight, compact design. Anti-corrosive fittings. Drink water safe. Hose is non abrasive and does not kink. Includes 15' of hose and spray nozzle with 6 settings: mist, cone, flat, soaker, jet and shower. 2 year warranty. White.
TKA-615WN **Order# 163914**

Springhose Coiled Watering Hose

Lightweight, compact design. Anti-corrosive fittings. Drink water safe. Hose is non abrasive and does not kink. Includes 25' of hose and spray nozzle with 6 settings: mist, cone, flat, soaker, jet and shower. White. TKA-625WN
Order# 163915

Springhose Combo Kit Deluxe

Lightweight, compact design. Solid machined brass anti-crush fittings. Pigtails on working ends for user ease. Drink water safe. Hose is non abrasive and does not kink. Includes 50' of hose and foam handled spray nozzle with 6 settings: mist, cone, flat, soaker, jet and shower. 2 year warranty. White.
TKA-650WN **Order# 163916**

Marine and RV Neverkink Hose

Guaranteed not to kink or tangle. All weather flexible to 45°F. MicroShield™ antimicrobial protection guards against mold and mildew that can cause hose deterioration. Grip-tite® ergonomic coupling for easy attachment. Drinking water safe. White.

Part#	I.D.	Length	Order#
TKA-8602-25	5/8"	25'	**163581**
TKA-8602-50	5/8"	50'	**163582**
TKA-8602-75	5/8"	75'	**163583**

Supercoil Hose

High performance UV resistant polyurethane wash-down hose with plated brass crimps and corrosion resistant plastic hose ends. Guaranteed not to kink or fail.

Color	Length	Order#
Blue	15'	**175718**
White	15'	**175719**
Blue	25'	**175721**
White	25'	**175722**

Bulls Eye Power Nozzle

Power Washer!

Constricting design provides 50% more power. Trigger free, indestructible design adjusts from power to spray to pin point precision. Leak proof.
BYE-NOZZLE **Order# 747522**

Deckwash Fitting

Connects and disconnects under full pressure. 316 stainless steel plate. Positive lock bayonet connector. Double Viton® o-ring seals. Large flow capacity. Standard garden hose (blue nylon) connection. Single outlet, 2 way flush.
JPA-61121 **Order# 758418**

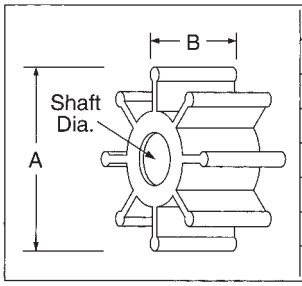
When seeking impeller replacement, please provide pump manufacturer and model number

JABSCO
a xylem brand

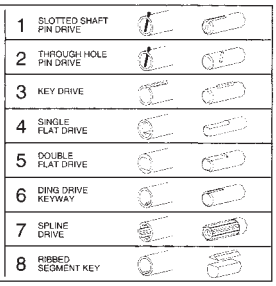
Jabsco Impellers

Rugged impellers from Jabsco. When selecting your impeller, be sure to check:
1) the Drive Type
2) the Number of Blades
3) Height ("A")
4) Width ("B")
5) Shaft Diameter.
Neoprene impellers are used for water applications.
Nitrile is used for oil and oily water applications.

Impeller Dimensions



Drive Type



Part#	BRC#	Material	Drive Type	# of Blades	A	B	Shaft Dia.	**Order#**
JAB-17255-0003	N/A	Nitrile	–	6	1-9/16"	3/4"	1/4"	**120249**
JAB-01414-0001	N/A	Neoprene	4	6	1-1/4"	15/32"	5/16"	**120123**
JAB-01414-0003	N/A	Nitrile	4	6	1-1/4"	15/32"	5/16"	**120124**
JAB-06303-0001	N/A	Neoprene	4	6	2"	7/8"	5/16"	**120191**
JAB-06303-0003	N/A	Nitrile	4	6	2"	7/8"	5/16"	**120192**
JAB-07273-0003	N/A	Nitrile	4	6	2"	7/8"	5/16"	**120202**
JAB-04528-0001	N/A	Neoprene	1 or 2	6	1-9/16"	3/4"	3/8"	**120164**
JAB-04528-0003	N/A	Nitrile	1 or 2	6	1-9/16"	3/4"	3/8"	**120165**
JAB-04527-0003	N/A	Nitrile	2	6	2"	7/8"	5/16"	**120163** N
JAB-05616-0001	N/A	Neoprene	6	6	2"	7/8"	1/2"	**120184**
JAB-14750-0003	N/A	Nitrile	4	8	1-1/4"	15/32"	5/16"	**120240**
JAB-00920-0001	N/A	Neoprene	7	8	2-9/16"	2"	5/8"	**120113**
JAB-00920-0003	N/A	Nitrile	7	8	2-9/16"	2"	5/8"	**120114**
JAB-04598-0001	N/A	Neoprene	3	8	2-9/16"	2"	5/8"	**120180**
JAB-04598-0003	N/A	Nitrile	3	8	2-9/16"	2"	5/8"	**120181**
JAB-11979-0001	N/A	Neoprene	7	8	2-9/16"	1-7/16"	5/8"	**120229**
JAB-06056-0003	N/A	Nitrile	6	8	2-9/16"	2"	5/8"	**120190**
JAB-00836-0001	N/A	Neoprene	7	9	3-3/4"	2-1/2"	1"	**120107**
JAB-00836-0003	N/A	Nitrile	7	9	3-3/4"	2-1/2"	1"	**120108**
JAB-18673-0001	N/A	Neoprene	1 or 2	10	2"	7/8"	1/2"	**120275**
JAB-18673-0003	N/A	Nitrile	1 or 2	10	2"	7/8"	1/2"	**120276**
JAB-17937-0001	N/A	Neoprene	7	10	2-9/16"	2"	5/8"	**120259**
JAB-17954-0001	N/A	Neoprene	8	10	2-9/16"	2"	3/4"	**120260**
JAB-03085-0001	N/A	Neoprene	7	10	2-1/4"	1-3/4"	5/8"	**120146**
JAB-18777-0001	N/A	Neoprene	7	10	2-1/4"	2"	5/8"	**120310**
JAB-01210-0001	N/A	Neoprene	7	12	2-1/4"	1-1/4"	5/8"	**120121**
JAB-01210-0003	N/A	Nitrile	7	12	2-1/4"	1-1/4"	5/8"	**120122**
JAB-18838-0001	N/A	Neoprene	3	12	2-7/16"	1-1/4"	5/8"	**120307**
JAB-04568-0001	N/A	Neoprene	3	12	2-7/16"	1-1/4"	5/8"	**120174**
JAB-04568-0003	N/A	Nitrile	3	12	2-1/4"	1-1/4"	5/8"	**120175**
JAB-18948-0001	N/A	Neoprene	3	12	2-9/16"	1-5/8"	5/8"	**120309**
JAB-13554-0001	N/A	Neoprene	7	12	2-1/4"	1-63/64"	5/8"	**120237**
JAB-05929-0003	N/A	Nitrile	6	12	2-1/4"	1-1/4"	5/8"	**120187**
JAB-17935-0001	N/A	Neoprene	7	12	3-3/4"	2-1/2"	1"	**120257**
JAB-17936-0001	N/A	Neoprene	7	12	3-3/4"	3-1/2"	1"	**120258**

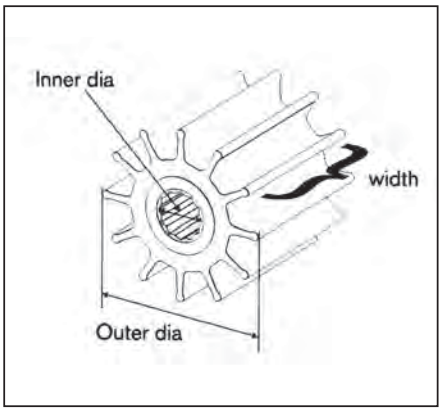
JOHNSON PUMP

Johnson Impellers

Original Impellers from Johnson Pump.

SWEDISH MADE

Impeller	Pump	Material	Outer Dia.	Inner Dia.	Width	**Order#**
09-1077B-9	F2	Nitrile (oil resistant)	1.29"	.31" Flat	.50"	**165894**
09-1052S-9	TA3P10 & F3	Nitrile (oil resistant)	1.78"	.31" Flat	.50"	**165895**
09-808B-1	F35	MC97 (for cooling)	1.58"	.47"	.75"	**165897**
09-810B-1	F4	MC97 (for cooling)	2"	.47"	.87"	**166478**
09-1026B-1	F4	MC97 (for cooling)	2"	.50"	.87"	**165899**
09-1027B-1	F5	MC97 (for cooling)	2.25"	Splines	1.24"	**751701**
09-1027B-10	F5B	MC97 (for cooling)	2.25"	Splines	1.24"	**165904**
09-1028BT-1	F7	MC97 (for cooling)	2.56"	Splines	1.98"	**165906**
09-821BT-1	F75	Neoprene (for cooling)	2.56"	Splines	3.15"	**159876**

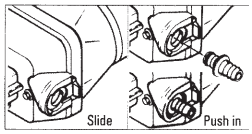


Globe Impellers

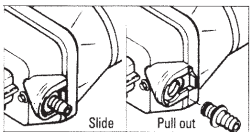
Brand Name	Replaces	Part#	Drive Type	#of Blades	A	B	Shaft Dia.	Order#
Caterpillar	3N1906 & 3N9009	BRC-00100	7	8	2-9/16"	2"	5/8"	**104889**
	1L4774	BRC-00125	7	9	3-3/4"	2-1/2"	1"	**104895**
	3N4859	BRC-00200DF	5	12	3-3/4"	3-1/2"	1"	**104898**
	4L8470	BRC-00200	7	9	3-3/4"	3-1/2"	1"	**104897**
	5N9360	BRC-01113	7	12	3-3/4"	2-1/2"	1"	**104929**
Crusader	1003026	BRC-00620	3	12	2-7/16"	1-1/4"	5/8"	**104909**
	20300	BRC-00625	3	12	2-9/16"	1-5/8"	5/8"	**104910**
Cummins Diesel	650607	BRC-00100	7	8	2-9/16"	2"	5/8"	**104889**
	21601R & 166758	BRC-00125	6	9	3-3/4"	2-1/2"	1"	**104895**
	3008503	BRC-00200DF	5	12	3-3/4"	3-1/2"	1"	**104898**
Detroit Diesel	5193602	BRC-00100	7	8	2-9/16"	2"	5/8"	**104889**
	5193553	BRC-00125	7	9	3-3/4"	2-1/2"	1"	**104895**
	5196168 & 5198550	BRC-00200	7	9	3-3/4"	3-1/2"	1"	**104897**
	8924838	BRC-01113	7	12	3-3/4"	2-1/2"	1"	**104929**
	8924839	BRC-01213	7	12	3-3/4"	3-1/2"	1"	**104933**
Johnson Pump	09-806B	BRC-00421	1 or 2	6	1-9/16"	3/4"	3/8"	**104903**
	09-808B	BRC-01112	1 or 2	6	1-9/16"	3/4"	3/8"	**104928**
	08-810B & 09-1026B	BRC-06541	1 or 2	6	2"	7/8"	1/2"	**104936**
	08-1026S	BRC-00025	4	6	2"	7/8"	5/16"	**104883**
	09-1027B	BRC-00075	7	12	2-1/4"	1-1/4"	5/8"	**104887**
	09-1028B	BRC-00100	7	8	2-9/16"	2"	5/8"	**104889**
	08-1029B	BRC-00125	7	9	3-3/4"	2-1/2"	1"	**104895**
	09-802B	BRC-00200	7	9	3-3/4"	3-1/2"	1"	**104897**
	09-814B	BRC-01213	7	12	3-3/4"	3-1/2"	1"	**104933**
Oberdorfer	B6617	BRC-00025	4	6	2"	7/8"	5/16"	**104883**
	B6593	BRC-00815	4	6	2"	7/8"	1/2"	**104918**
	C7441	BRC-00100	7	8	2-9/16"	2"	5/8"	**104889**
	C7054	BRC-00125	7	9	3-3/4"	2-1/2"	1"	**104895**
Onan	131-0386	BRC-01015	4	6	2-1/4"	3/4"	3/8"	**104923**
	132-0117	BRC-00620	3	12	2-7/16"	1-1/4"	5/8"	**104909**
	132-0316	BRC-00815	4	6	2"	7/8"	1/2"	**104918**
	132-162	BRC-00075	7	12	2-1/4"	1-1/4"	5/8"	**104887**
Perkins	24880031	BRC-00100	7	8	2-9/16"	2"	5/8"	**104889**
	0460027	BRC-00125	7	9	3-3/4"	2-1/2"	1"	**104895**
	460038	BRC-00075	7	12	2-1/4"	1-1/4"	5/8"	**104887**
	NA900010	BRC-00620	3	12	2-7/16"	1-1/4"	5/8"	**104909**
	NA900012	BRC-00625	3	12	2-9/16"	1-5/8"	5/8"	**104910**
Proven	T100-8	BRC-00100	7	8	2-9/16"	2"	5/8"	**104889**
Raritan	CH13	BRC-00025	4	6	2"	7/8"	5/16"	**104883**
Sherwood	9959	BRC-00620	3	12	2-7/16"	1-1/4"	5/8"	**104909**
	10077	BRC-01130	3	12	2-1/4"	3/4"	1/2"	**104932**
	10615	BRC-00625	3	12	2-9/16"	1-5/8"	5/8"	**104910**
Teel	1R216	BRC-00620	3	12	2-7/16"	1-1/4"	5/8"	**104909**
	1R215	BRC-01130	3	12	2-1/4"	3/4"	1/2"	**104932**
Universal	295628	BRC-00815	4	6	2"	7/8"	1/2"	**104918**
Volvo	875583	BRC-01112	1 or 2	6	1-9/16"	3/4"	3/8"	**104928**
	875808	BRC-06541	1 or 2	6	2"	7/8"	1/2"	**104936**
	875807	BRC-00421	1 or 2	6	1-9/16"	3/4"	3/8"	**104903**
	825941 & 875593	BRC-00100	7	8	2-9/16"	2"	5/8"	**104889**
	875660	BRC-00125	7	9	3-3/4"	2-1/2"	1"	**104895**
	875811	BRC-00075	7	12	2-1/4"	1-1/4"	5/8"	**104887**
	835512	BRC-00620	3	12	2-7/16"	1-1/4"	5/8"	**104909**
	835874	BRC-00625	3	12	2-9/16"	1-5/8"	5/8"	**104910**
	875697	BRC-01213	7	12	3-3/4"	3-1/2"	1"	**104933**
Westerbeke	11764 & 33100	BRC-01130	3	12	2-1/4"	3/4"	1/2"	**104932**
	11907 & 11418	BRC-00620	3	12	2-7/16"	1-1/4"	5/8"	**104909**
	32620	BRC-01112	1 or 2	6	1-9/16"	3/4"	3/8"	**104928**
Yanmar	124223-42091	BRC-00418	3	6	2"	7/8"	1/2"	**104902**

FLOJET Quad Port Fittings and Installation

Sold 2 per package



Adding Ports:
Move slide back, push port all the way in, move slide forward to lock.



Removing Ports:
Move slide back, pull port out of pump body.

Quad port x 3/4" hose barb
FJC-20381-006
Order# 114151

Quad port x 1/2" hose barb
FJC-20381-002
Order# 114150

90º
Quad port x 3/4" hose barb
FJC-20381-010
Order# 114155

90º
Quad port x 1/2" hose barb
FJC-20381-009
Order# 114154

Jabsco Replacement Parts for Waste Diaphragm Pumps

For a quick reference to replacement parts.

Pump#	Service Kit	Ports Kit
JAB-59090-0012	**142521**	**142522**

Jabsco Replacement Parts for Water-System Diaphragm Pumps

Service kits include a pulsation dampener, valve set, diaphragm and belt. Hardware kit includes required fasteners; including screws, washers and nuts.

Pump#	Service Kit	Ports (In & Out)	Pressure Switch	Valve Set	Belt	Motor Kit
JAB-36950-2000	**120463**	**120441**	**120432**	**120331**	**120335**	**120345**
JAB-36900-1000	**120339**	**120441**	**120432**	**120331**	**120334**	**120345**

FLOJET Flojet 1600 Series Strainers

Both strainers feature a quad port outlet and a 40 mesh screen.

Inlet	Order#
1/2" Barb	**114122**

Replacement Parts for Impeller Pumps

Compare your Jabsco pump number with the one on the chart for a quick reference to replacement parts. Service kits include an impeller, gasket or O-ring, and seal. If you know the Jabsco part number, it is listed to the right of our order number .

Pump	Service Kit Order#	Service Kit Jabsco #	Impeller Order#	Impeller Jabsco #	Gasket/O Ring Order#	Gasket/O Ring Jabsco #	Seal Order#	Seal Jabsco #	Cam Order#	Cam Jabsco #	End Cover Order#	End Cover Jabsco #
00777-9001	**120522**	90118-0001	**120259**	17937-0001	**120109**	890-0000	**120572**	96080-0080	**120115**	934-0000	**120220**	11831-0000
01673-1001	–		**120121**	1210-0001	**120298**	18753-0133	**120557**	92700-0060	**120099** N	490-0001	**143947** N	11836-0000
02760-0003	–		**120165**	4528-0003	–		–		–		–	
03270-0001	**120516**	90033-0001	**120121**	1210-0001	**120153**	3298-0000	**120557**	92700-0060	**120207**	7884-0000	–	
03890-9011	–		**120121**	1210-0001	**120153**	3298-0000	**120572**	96080-0080	**120207**	7884-0000	–	
04560-0001	–		**120174**	4568-0001	**120201**	7083-0000	–		**120099**	490-0001	–	
04560-0003	–		**120175**	4568-0003	**120201**	7083-0000	–		**120099**	490-0001	–	
04590-0001	–		**120180**	4598-0001	–		–		–		–	
04590-0003	–		**120181**	4598-0003	–		–		–		–	
05850-0001	**120516**	90033-0001	**120121**	1210-0001	**120153**	3298-0000	**120557**	92700-0060	**120207**	7884-0000	–	
06400-0004	–		**120257**	17935-0001	**120102**	816-0000	**120196**	6407-0010	**120106**	834-0001	**120231**	12062-0000
07420-1001	–		**120257**	17935-0001	**120102**	816-0000	**120196**	6407-0010	**120106**	834-0001	**120231**	12062-0000
11810-0003	**120521**	90105-0003	**120187**	5929-0003	**120153**	11816-0000	**120562**	92700-0420	**120099**	490-0001	–	
11860-0005	**140521**	90118-0003	**120114**	920-0003	**120109**	890-0000	**120572**	96080-0080	**120115**	934-0000	**120220**	11831-0000
18660-0121	**120518**	90061-0001	**120191**	6303-0001	**151307**	18753-0660	**151306**	18753-0384	–		–	
18670-0123	**170913**	90061-0031	**120192**	6303-0003	**151307** N	18753-0660	**151306**	18753-0384	–		–	
11870-0005	**120519**	90062-0003	**120108**	836-0003	**120102**	816-0000	**120196**	6407-0010	**120106**	834-0001	**120231**	12062-0000
18590-1000	**120273**	18598-1000	**120192**	6303-0003	–		**120117**	1040-0000	–		–	
18620-0003	**120520**	90092-0004	**120240**	14750-0003	–		–		–		–	
18830-1020	–		**120146**	3085-0001	**120287**	18753-0005	**120572**	96080-0080	**120099**	490-0001	–	
18940-0010	–		**120229**	11979-0001	**120287**	18753-0005	**120572**	96080-0080	–		–	
23800-0201	–		**120310**	18777-0001	**120153**	3298-0000	**120557**	92700-0060	–		–	
23800-0251	–		**120310**	18777-0001	**120153**	3298-0000	**120557**	92700-0060	–		–	
42730-0000	**150861**	90124-0001	**120309**	18948-0001	–		**120572**	96080-0080	–		–	

Flexible Impeller Removal Tool

The easiest way to remove impellers, especially when the pump is mounted in tight and cramped conditions. Simple three stage operation. Removes the risk of expensive damage to the pump. Manufactured from corrosion resistant cast aluminum and stainless steel. 6" x 1" x 8".

Part#	For Impellers	Order#
JAB-50070-0080	Up to 2-1/4" dia.	**167680**
JAB-50070-0040	Up to 2-9/16" dia.	**120488**
JAB-50070-0200	From 2-9/16" to 4-5/8" dia.	**120489**

JAB-50070-0080

JAB-50070-0200 JAB-50070-0040

Thru-Transom Scupper

Mounted to a 1-1/2" thru hull as a complete assembly. Made of high impact, injection molded acetel. Rubber flapper valve opens outward to dump water overboard and closes tight to prevent backwash from entering cockpit. Length overall 6-3/16". Thread length 3-11/16". SD-520510 **Order# 142577**

SPARTAN MARINE

MADE IN THE USA

Cast Bronze Flush Scupper

Complete with flange nut for installation. Ribbed hose adapter holds hose securely allowing for double clamping. Fits flush into a recessed cavity that can be molded. Available in polished or chrome on bronze.

Part#	Size	Type	Order#
SPT-D-253PB	1"	Polished	**734535**
SPT-D-255PB	1 1/2"	Polished	**131556**

MADE IN THE USA

Bronze Scupper Strainer Plate

2 1/2" cast bronze circular grate. Installs flat with four #10 FH fasteners.

Part#	Type	Order#
SPT-S-728	Burnished	**734538**
SPT-S-728PB	Polished	**734539**

SPARTAN MARINE

Telescoping Cockpit Scupper

2" x 6". Adjusts to fit transom thickness. 5° angle enhances drainage. Tapered lip and backup lid create an effective seal. Molded, marine grade, high-impact ABS with U.V. screening.

Black MRE-6152B **Order# 147913**
White MRE-6152W **Order# 147914**

Plastic Cockpit Scupper

1-3/8" x 5" opening. 2-1/4" x 6" outer flange. Sole of inner flange flush with deck. Rubber flap. Black. MT-0492-B **Order# 124104**

Flow Max Ball Scupper

Easy twist-off design makes cleaning debris a snap. Stainless steel security pin provided for added safety. Larger exit hole allows 70% more water drainage than its nearest competitor. Multiple mounting holes. THM-FMS10DP **Order# 167765**

Stainless Steel Hose Clamps

All stainless, 10 per box.

Part#	Min. Dia.	Max. Dia.	Order#
HM-HC6204	7/32"	5/8"	**119499**
HM-HC6206	7/16"	25/32"	**117663**
HM-HC6306	7/16"	25/32"	**119501**
HM-HC6308	1/2"	29/32"	**119502**
HM-HC6310	9/16"	1-1/16"	**117666**
HM-HC6312	11/16"	1-1/4"	**119505**
HM-HC6316	13/16"	1-1/2"	**117669**
HM-HC6320	13/16"	1-3/4"	**117670**
HM-HC6324	1-1/16"	2"	**117671**
HM-HC6328	1-5/16"	2-1/4"	**117672**
HM-HC6332	1-9/16"	2-1/2"	**119510**
HM-HC6336	1-13/16"	2-3/4"	**117674**
HM-HC6340	2-1/16"	3"	**119512**
HM-HC6344	2-5/16"	3-1/4"	**117676**
HM-HC6364	3-9/16"	4-1/2"	**119516**
HM-HC6372	4-1/16"	5"	**117681**
HM-HC63104	4-1/8"	7"	**117667**

Sea Block Scuppers

An effective alternative to conventional rubber flap designs. Made of unbreakable, carbon-textured fiberglass. For boats 12' to 40'. 12 sq. inches provide rapid drainage of flooded decks. Black or white. Flap measures 2" x 6". 12° shims.

Part#	Color	Order#
SCU-SCUPPER-B	Black	**130335**
SCU-SCUPPER-W	White	**130336**

12° Shims

Part#	Color	Order#
SCU-SHIMS-B	Black	**151045**
SCU-SHIMS-W	White	**151043**

Scuppers

1/2" thick high-density polyethylene with stainless steel 1/8" pivots on flap. Uses #12 fasteners.

Part#	Color	Flap Size	Order#
HM-SCUPPER-LB	Black	3" x 9"	**154850**
HM-SCUPPER-SB	Black	2.75" x 7.5"	**154848**
HM-SCUPPER-LW	White	3" x 9"	**154849**
HM-SCUPPER-SW	White	2.75" x 7.5"	**154847**

Scupper Valve

For boats with self bailing cockpits. It allows easy and natural exit of water from boat. Injection molded nylon. Diameter 2 13/16". Use # 6 fasteners. SD-520500-1 **Order# 142576**

AWAB 316 Stainless Steel Mini Clamps

U.S. Size: G-10. 8-10.3 mm. 3/8" Min. Dia, 7/16" Max. Dia. 10 clamps per box. AWB-9.5-11 **Order# 169495**

AWAB 316 Stainless Steel Hose Clamp

10 clamps per box

Part#	U.S. Size	mm	Min. Dia.	Max. Dia.	Order#
AWB-11-17	4	11-17	7/16"	11/16"	**102613**
AWB-13-20	6	13-20	1/2"	13/16"	**102614**
AWB-15-24	8	15-24	5/8"	15/16"	**102615**
AWB-19-28	10	19-28	3/4"	1-1/8"	**102618**
AWB-22-32	12	22-32	7/8"	1-1/4"	**102619**
AWB-26-38	16	26-38	1-1/16"	1-1/2"	**102620**
AWB-32-44	20	32-44	1-1/4"	1-3/4"	**102621**
AWB-38-50	24	38-50	1-1/2"	2"	**102623**
AWB-32-57	28	32-57	1-1/4"	2-1/4"	**102622**
AWB-38-64	32	38-64	1-1/2"	2-1/2"	**102624**
AWB-51-76	40	51-76	2"	3"	**102625**
AWB-57-83	44	57-83	2-1/4"	3-1/4"	**102626**
AWB-64-89	48	64-89	2-1/2"	3-1/2"	**102627**
AWB-70-95	52	70-95	2-3/4"	3-3/4"	**102630**
AWB-89-114	64	89-114	3-1/2"	4-1/2"	**102634**
AWB-89-127	72	89-127	3-1/2"	5"	**102635**
AWB-194-232	138	194-232	7-5/8"	9-1/8"	**759117**
AWB-219-257	154	219-257	8-5/8"	10-1/8"	**759118**
AWB-244-283	170	244-283	9-5/8"	11-1/8"	**759119**
AWB-270-308	186	270-308	10-5/8"	12-1/8"	**759120**
AWB-292-330	200	292-330	11-1/2"	13"	**759121**
AWB-343-381	232	343-381	13-1/2"	15"	**759122**

Clamp Tips

Soft red vinyl tail tips dress your job up, while at the same time making those unsightly scars just a bad memory. They fit on 1/2" band hose clamps.

Part#	Package	Order#
AWB-125-015P	25	**169965**
AWB-125-015	100	**169964**

Flexible Clamp Driver

Hexagon socket and flexible shaft. Will facilitate the fitting of hose clamps in positions as difficult as 90°. 7mm-9/32 socket prevents the driver from slipping. Large easy-grip handle made of high impact plastic. Fits AWB only. AWB-10 **Order# 102612**

Engine Pumps

JAB-02620-1101

JAB-01673-1001

JAB-00777-9001

Perkins
JAB-03270-0001

JABSCO
a xylem brand

JAB-02760-0003

JAB-03890-9011

JAB-06400-0004

Flagship, Palmer, Lehman, Chris-Craft
JAB-05850-0001

Bronze Ball Bearing Pumps

These pedestal mount, corrosion resistant bronze pumps are ideal for engine cooling. The stainless steel shaft contains permanently lubricated ball bearings for a long life and heavy duty cycle. Self-priming with the ability to operate in either direction at variable speeds. Uses flexible neoprene or nitrile impellers, with a removable end cover for easy impeller service. Pumps are also used for washdown, circulation, and many general purpose and dockside applications.

Part#	Impeller	Size	Shaft	GPM	Order#
JAB-02620-1101	Neoprene	3/8"	1/2"	5.8	**162775**
JAB-01673-1001	Neoprene	1/2"	5/8"	11.3	**120126**
JAB-00777-9001	Neoprene	1"	5/8"	25.5	**120101**
JAB-02760-0003	Nitrile	1/4"	3/8"	3.7	**120142**
JAB-03890-9011	Neoprene	3/4"	1/2"	11.3	**120157** N
JAB-06400-0004	Neoprene	1-1/4"	1"	62	**120194**

JABSCO
a xylem brand

Caterpillar
JAB-07420-1001

Caterpillar
JAB-06400-1051

Mercruiser
JAB-43210-0001

Sherwood
JAB-18940-0010

Special Design! Bronze Ball Bearing Pumps

The ideal solution for raw-water marine engine cooling. These pumps are designed specifically for engine cooling applications. Corrosion resistant bronze housing and shaft with permanently lubricated ball bearings. Self-priming with the ability to operate in either direction at variable speeds. Uses flexible impellers with a removable end cover for easy service.

Part#	Engine Pump	Order#
JAB-03270-0001	Perkins	**120151**
JAB-05850-0001	Sherwood M10263G	**120185**
JAB-18940-0010	Sherwood G5, G7B	**120308**
JAB-07420-1001	Caterpillar	**120203**
JAB-06400-1051	Caterpillar	**120195**
JAB-50410-1251	Volvo, Half Cam	**155171**
JAB-43210-0001	Mercuiser	**120456**

PACER
Division of ASM Industries, Inc.

Hydraulic Pumps

Pacer's S series are lightweight, chemically resistant pumps for general service on fresh, salt and waste water. Molded of tough, glass reinforced, non corrosive polyester. Pumps include a built-in check valve and feature easy servicing. A self-cleaning double volute keeps pump free of settled solids.

2" NPT. Maximum head pressure 70'. 110 GPM.
PAP-SE2EBLHYC **Order# 739257**

2" NPT, 160 GPM.
PAP-SE2FBHYC **Order# 746865**

3" NPT, 280 GPM.
PAP-SE3LBLHYC **Order# 743652**

Plug Kit for S-Series Pumps
PAP-58-0211 **Order# 740972**

Electric Pumps

2" NPT, 2 hp. Maximum head pressure 70'. 110 GPM.
PAP-SE2EBC2.0C
Order# 739258

High Performance Transfer Pump

2" NPT. 5 HP Honda Series GC160. 195 GPM. Overhead cam design for quiet, dependable operation. Fast, easy, reliable starting. Meets CARB and EPA emission standards. Reduced fuel and oil consumption.
PAP-SE2UBE5HOC **Order# 739699**

2" Hose Kit

Include 20' PVC suction hose, 25' PVC discharge hose, with either threaded connections or CAMELOT® polypropylene quick-connect couplers. Also includes a polypropylene discharge elbow, polyethylene suction strainer and a roll of Teflon® tape to seal connections.
PAP-58-0206 **Order# 739678**

Many More Models Available!

Self-Priming General Purpose Flexible Impeller Bronze Pumps

Extra heavy duty flexible impeller pumps with separate bearing housing and mechanical seal for less wear and longer life. These pumps cover the entire range of marine applications and may be used as cooling water pumps, bilge pumps, deckwash pumps, emergency and fire fighting pumps. Stainless steel shafts are mounted with permanently lubricated double ball bearings.

F7B-8

1" NPT connection.
6.69"L x 4.73"W x 1.97"H. Drive shaft dia: 5/8"
Mechanical seal; full cam; wearplate.
JPA-10-2457251 **Order# 165851**

Neoprene Replacement Impeller
JPA-09-1028B
Order# 165906

F8B-7 Pedestal Mount

1-1/4" NPT connection. 40 GPM flow, 2000 RPM. 8.54"L x 6.3"W x 2.56"shaft height, 5" overall height. Drive shaft dia: 1".
JPA-10-1302195 **Order# 736831**

Neoprene Replacement Impeller
JPA-09-819B
Order# 165864

F8B-8

1-1/2" NPT connection. 60 GPM, 2000 RPM. 8.54"L x 6.3"W x 2.56" shaft height, 5" overall height. Drive shaft dia: 1".
JPA-10-1302196 **Order# 165852**

Neoprene Replacement Impeller
JPA-09-819B
Order# 165864

Electromagnetic Clutch and Pump Units

All the high quality features of the manual units with a compact reliable electromagnetic clutch. All bronze, ball-bearing construction for heavy duty marine service. Self-priming and operates in either direction over a wide speed range.

2-A Groove Clutch

Part#	Size	Volt	Order#
JAB-11860-0005	1"	12	**120224**
JAB-11870-0005	1-1/4"	12	**120226**
JAB-18330-0000	2"	12	**120264**

1-B Groove Clutch

Part#	Size	Volt	Order#
JAB-11860-0045	1"	12	**120225**
JAB-11870-0045	1-1/4"	12	**138750**

Crank Shaft Mounted Pumps for GM, Ford, and Volvo

F5B-9 Pump

Replaces Marine Power 350 V8 and Indmar 200. Replacement on Volvo engines: AQ200, AQ225, AQ260, AQ290, AQ180, AQ205, AQ211A, AQ231A, AQ231B, AQ271A, AQ271B, AQ271C, AQ271D, AQ280, and AQ290. Also, Alaska Diesel engines: M4219, L4219, M4239, L4239, M4276, L4276, M439, L439, M455, L455, M6414, M668, and L668.
JPA-10-242281 **Order# 165853**

Neoprene Replacement Impeller
JPA-09-1027B10 **Order# 165904**

F6B-9 Pump

Crankshaft style cooling pump featured on Indmar, Marine Power, Volvo, PCM engines. 15% more flow.
JPA-10-2491501 **Order# 758497**

Neoprene Replacement Impeller
JPA-09-812B **Order# 165905**

Self-Priming Flexible Impeller Electromagnetic Clutch Pumps

For high capacity bilge and deckwash pumps. Also suitable as an emergency pump. With an electromagnetic clutch you will have pumping power whenever needed, at a push of a button, without being at the pump. Combined with a vacuum switch from Johnson Pump (recommended for bilge pump application), the clutch will automatically disengage whenever the pump starts pumping air. The shaft is mounted with permanently lubricated double ball bearings. 12 volt clutch with double A pulley included.
Dimensions exclude pulley.

F7B-5001

1" NPT connection.
6.14"L x 4.72"W x 3.66"H. Pulley dia: 7".
JPA-2457798-XA **Order# 165846**

Neoprene Replacement Impeller
JPA-09-1028B **Order# 165906**

F8B-5001

Dimensions exclude pulley.
8.85"L x 6.29"W x 4.88"H. Pulley dia: 7".

1-1/4" ports. JPA-13022-95-1
Order# 165847

1-1/2" ports JPA-13022-96-1
Order# 165848

Neoprene Replacement Impeller
JPA-09-819B **Order# 165864**

BUCK ALGONQUIN

Scoop Strainer

Cast bronze, plain finish. Use with main engines, generators and air conditioners.

Part#	Outside Dia.	Covers ThruHull	Order#
BKA-00SS450	4-1/4" x 3"	3/8" to 1/2"	**103573**
BKA-00SS500	5" x 3-1/4"	3/4"	**103574**
BKA-00SS600	6" x 4"	1"	**103575**
BKA-00SS650	6-1/2" x 4-1/4"	1-1/4"	**103576**
BKA-00SS850	8-1/8" x 5-1/4"	1-1/2"	**103577**
BKA-00SS1100	11" x 7-1/2"	2" to 3"	**103572**

Polished Bronze Scoop Strainers

WILCOX CRITTENDEN

Size	Thru Hull	Order#
5.25" x 3.5"	3/4"-1"	**143057**
6.25" x 4.25"	1-1/4"	**143058**

BUCK ALGONQUIN

Rectangular Scoop Strainer

Cast bronze with removable, stainless steel, perforated screen. Positive Flow screens are drilled at 45° angle.

Part#	Desc.	Inside Dimen.	Max ThruHull	Order#
BKA-00RSS650P	Strainer	5.56" x 3"	2"	**103536**
BKA-00RSS1000P	Strainer	4.5" x 8.38"	3"	**103532**
BKA-00RSS100PF	Positive Flow Strainer*	4.5" x 8.38"	3"	**165623**
BKA-00RSS650PS	S/S Screen Only	4.13" x 6.5"		**144020**
BKA-00RSS100PS	S/S Screen Only	5.5" x 9.5"		**142318**

*With bronze screen

BUCK ALGONQUIN

Rectangular Scoop Strainer

Cast bronze with slide-out removable, bronze, perforated screen. Positive Flow screens are drilled at 45° angle.

Part#	Desc.	Inside Dimen.	Max ThruHull	Order#
BKA-00RSS655P	Strainer	3.06" x 5"	2"	**103537**
BKA-00RSS1100P	Strainer	4.19" x 9"	3"	**103533**
BKA-00RSS110PF	Positive Flow Strainer	4.19" x 9"	3"	**171330**
BKA-00RSS655PF	Positive Flow Strainer	3.07" x 5"	2"	**165624**
BKA-00RSS655PS	Bronze Screen Only 3.5" x 7.19"			**103538**
BKA-00RSS655FS	Positive Flow Brz Screen Only 3.5" x 7.19"			**165631**
BKA-00RSS110PS	Bronze Screen Only 4.75" x 10.25"			**103534**
BKA-00RSS11PFS	Positive Flow Brz Screen Only 4.75" x 10.25"			**165632**

Whale Strainers

Allows maximum suction of water by reducing clogging. A fitted non-return valve prevents drainback. The straining plate is removable for easy cleaning. Fits both 1" and 1-1/2" hose.

Part#	Type	Order#
WHA-SB4222	Side	**136482**
WHA-SB5865	Top	**136483**

BUCK ALGONQUIN

Intake Strainer

With nut. Cast bronze, plain finish.

Part#	Pipe Stem	Stem	Base size	Order#
BKA-00IS050	1/2"	2-1/2"	2-3/4" x 3-3/4"	**103430**
BKA-00IS075	3/4"	2-1/2"	2-3/4" x 3-3/4"	**103431**
BKA-00IS100	1"	2-1/2"	2-3/4" x 3-3/4"	**103432**
BKA-00IS125	1-1/4"	3"	3-7/8" x 5-3/4"	**103434**
BKA-00IS150	1-1/2"	3-1/2"	3-7/8 "x 5-3/4"	**103435**

BUCK ALGONQUIN

Navy Pump Strainers

Cast bronze, plain finish.

Part#	NPT	Dimensions	Order#
BKA-00NPS100	1"	2-1/2" x 4-3/4"	**103441**
BKA-00NPS125	1-1/4"	2-1/2" x 4-3/4"	**103442**
BKA-00NPS150	1-1/2"	3-1/2" x 5"	**103443**
BKA-00NPS200	2"	3-1/2" x 5"	**103444**

BUCK ALGONQUIN

Navy Pump Strainer with Hose End

Complete with stainless steel screen. 5/8" hose size, 1-1/2" overall width, 1-3/16" overall height, 2-1/2" overall length. BKA-00NPS-63-H
Order# 103440

Round Strainers

Cast bronze, plain finish.

GROCO®

BUCK ALGONQUIN

Part#	Dia.	Covers ThruHull	Order#
BKA-00SR400	4"	1"	**103567**
BKA-00SR500	5"	1-1/2"	**103568**
GRO-RSC-1000	4"	1"	**138280**
GRO-RSC-2000	5"	2"	**138281**
BKA-00SR600	6"	2-1/2"	**103569**
BKA-00SR800	8"	3"	**103570**

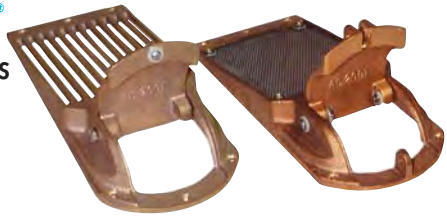
*Hinged

Polished Bronze Round Strainers

WILCOX CRITTENDEN

Size	Thru Hull	Order#
3.5"	3/4"-1"	**143061**
5"	1-1/2"	**143062**
6"	2"	**143063**
8"	1-1/2"-3"	**143064**

GROCO®



Bronze Hull Strainers With Access Doors

Accommodates up to 6" hull opening if a thru-hull fitting is not used.

Part#	Description	Order#
GRO-APHS-200-1	2" Thru-Hull Perforated Strainer	**150807**
GRO-ASC-1250	1-1/4" Thru-Hull Slotted Strainer	**138276**
GRO-ASC-2000	2" Thru-Hull Slotted Strainer	**138277**
GRO-ASC-3000	3" Thru-Hull Slotted Strainer	**138278**

GROCO® Bronze Strainers

These rugged, bronze-cast strainers have no tie rods, require low maintenance, easily clean out and don't leak under pressure. Come standard with non-metallic, non-corrosive baskets. We also stock parts for these strainers.

Part#	Size	Order#
GRO-ARG-500-P	1/2"	**153288**
GRO-ARG-750-P	3/4"	**153299**
GRO-ARG-755-P	3/4"	**153290**
GRO-ARG-1000-P	1"	**153300**
GRO-ARG-1210-P	1-1/4"	**153301**
GRO-ARG-1250-P	1-1/4"	**150733**
GRO-ARG-1500-P	1-1/2"	**150734**
GRO-ARG-2000-P	2"	**150735**
GRO-ARG-2500-P	2-1/2"	**153302**
GRO-ARG-3000-P	3"	**153303**

MARINE UL LISTED

Non-Metallic Strainer Cap

For 1500, 2000, 2500 & 3000.
GRO-ARG-1501PC **Order# 173125**

Replacement Strainer Baskets

Stainless steel and polyethylene. Monel baskets are also available.

For Strainer	Polyethylene	Stainless Steel
ARG-500	**151158**	**143551**
ARG-750	**151159**	**143552**
ARG-1000	**151160**	**143553**
ARG-1500	**151162**	**143554**
ARG-2000	**151163**	**143555**
ARG-2500	**151164**	**143556**
ARG-3000	**151165**	**143557**

GROCO®

Ball Valve/Strainer Combination

Just one component to install and just one bilge location to crawl into for maintenance. Patented handle accepts standard ratchet. Full flow ball valve features stainless steel ball and stem. Includes stainless steel basket.

Part#	Pipe Size	Order#
GRO-BVS-750	3/4"	**153304** N
GRO-BVS-1000	1"	**153305**
GRO-BVS-1250	1-1/4"	**153306**

FORESPAR® Water Strainer

Made of Marelon®. Universal mounting bracket and clear lid for ready inspection. Stainless steel strainer basket. Intake and exit ports are 1-1/2" ANP threads standard. Diameter: 6.3" Height: 6.1". The flow rate 40 GPM.
FOR-906066 **Order# 158018**

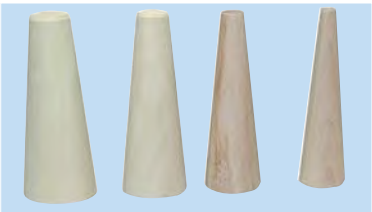
FORESPAR® Sta-Plug Boat Plug

Soft, form fitting foam for irregular shaped leaks and hoses, with ribs that grip to help hold it in place. Can be cut easily with a knife to fit smaller holes. 9"H, 4.75" diameter at base. Weighs only 3.9 oz.
FOR-150110 **Order# 735609**

Wood Plugs For Thru Hulls

When driven into a thru-hull, wood jams securely. Tape a plug to every thru-hull on your boat. Package of 4 plugs 5" long. Sizes: 1.5"-2", 1.25"-1.75", 1"-1.5" and 1/2"-1.25".

ORT-104 **Order# 125806**



PERKO

Heavyweight Bronze Strainers

MADE IN THE USA

Cast bronze with transparent cylinder. Mounting lugs cast into both sides for universal mounting. 316 stainless steel strainer basket minimizes electrolysis. Diameter of the screen holes is 0.079" providing 47% open area. Hinged lugs for the cast cover permit easy removal and cleaning of the basket. Drain plug in the bottom casting for winterizing and easy removal of sediment.

Part#	Size	Order#
PKO-493004PLB	.5"	**127070**
PKO-493005PLB	.75"	**127076**
PKO-493006PLB	1"	**127082**
PKO-493007PLB	1.25"	**127086**
PKO-493008PLB	1.5"	**127091**
PKO-493009PLB	2"	**127096**
PKO-493010PLB	2.5"	**127101**

PERKO MADE IN THE USA

Flushing Strainers

Flushes inboards/generators simply and easily. Handle indicates direction of flow. Smooth acting, low torque ball valve. Internal cam seals fresh water intake during normal operation. Can act as an emergency bilge pump. Top casting removes easily for basket cleaning. Stainless steel basket. Uses standard Perko replacement parts.

Part#	Size	Order#
PKO-593007PLB	1.25"	**166729**

Stainless Steel Replacement Baskets

MADE IN THE USA

Part#	Strainer Size	Order#
PKO-49300499D	.5"	**127069**
PKO-49300599D	.75"	**127072**
PKO-49300699D	1"	**127078**
PKO-49300799D	1.25"	**127084**
PKO-49300999D	2"	**127093**
PKO-49301099D	2.5"	**127098**

vetus

Cooling Water Strainers

All Vetus cooling water strainers have a transparent cover, allowing easy inspection of the filter without dismantling. Cleaning of the filter can be done quickly and easily. Due to the large active surface, the filter seldom needs to be cleaned. The housing is made of polypropylene GF.

330 Series
These filters have 6 different hose connections. Filter element is made from heavy duty polyethylene and the cover is Styrol/Acrylnitril SAN.
VET-FTR330

Hose	Max. Cap. GPM	Recommended Input (GPM)	Order#
3/4"	31	31	**135710**
1"	55	24	**135711**
1-1/4"	87	38	**135712**

Raw Water Strainer

PENTAIR SHURFLO

Built to keep your bait tank, livewell and washdown pumps protected from harmful debris. Features clear twist off bowl and removable stainless steel screen allowing for easy inspection and cleaning. An integral o-ring creates a tight seal, eliminating possible leaks. 1/2", 50 mesh screen.

SHU-253-120-01
Order# 167657

800-639-2715

GROCO®

FULL FLOW Pipe to Hose Adapters

Cast bronze fittings. NPT pipe on one end, barbed hose fitting on the other.

Curved

Straight

Part#	Type	Pipe	Hose	Order#
GRO-FF-500	Straight	1/2"	3/4"	**150344**
GRO-FF-750	Straight	3/4"	1"	**116213**
GRO-FF-1000	Straight	1"	1-1/4"	**116207**
GRO-FF-1125	Straight	1"	1-1/8"	**170555**
GRO-FF-1250	Straight	1-1/4"	1-1/2"	**116208**
GRO-FF-1500	Straight	1-1/2"	1-3/4"	**116209**
GRO-FF-2000	Straight	2"	2-1/4"	**116210**
GRO-FF-2500	Straight	2-1/2"	2-3/4"	**116211**
GRO-FF-3000	Straight	3"	3-1/2"	**116212**
GRO-FFC750	Curved 90°	3/4"	1"	**153309**
GRO-FFC1000	Curved 90°	1"	1-1/4"	**116214** N
GRO-FFC1125	Curved 90°	1"	1-1/8"	**742674**
GRO-FFC1250	Curved 90°	1-1/4"	1-1/2"	**116215**
GRO-FFC1500	Curved 90°	1-1/2"	1-3/4"	**116216**
GRO-FFC2000	Curved 90°	2"	2-1/4"	**116217**

GROCO®

Bronze Standard Flow Pipe-to-Hose Adapters

For use with any bronze ball type seacock or strainer.

Length

Part#	Type	Pipe	Hose	Length	Order#
GRO-PTHC-750	90°	3/4"	3/4"	1.86"	**116326**
GRO-PTHC-5062	90°	1/2"	1/2" or 5/8"	1.9"	**116325**
GRO-PTHC-1000	90°	1"	1"	2.34"	**116319**
GRO-PTHC-1125	90°	1-1/4"	1-1/8"	2.37"	**742639**
GRO-PTHC-1250	90°	1-1/4"	1-1/4"	2.44"	**116320**
GRO-PTHC-1500	90°	1-1/2"	1-1/2"	2.5"	**116321**
GRO-PTHC-2000	90°	2"	2"	2.88"	**116322**
GRO-PTHC-2500	90°	2-1/2"	2-1/2"	3.83"	**116323**
GRO-PTHC-3000	90°	3"	3"	4.2"	**116324**
GRO-PTH-500	Straight	1/2"	1/2"	2.39"	**116316**
GRO-PTH-750	Straight	3/4"	3/4"	2.39"	**116318**
GRO-PTH-1000	Straight	1"	1"	2.48"	**116310**
GRO-PTH-1125	Straight	1-1/4"	1-1/8"	2.48"	**152068**
GRO-PTH-1250	Straight	1-1/4"	1-1/4"	2.65"	**116311**
GRO-PTH-1500	Straight	1-1/2"	1-1/2"	3"	**116312**
GRO-PTH-2000	Straight	2"	2"	3"	**116313**
GRO-PTH-2500	Straight	2-1/2"	2-1/2"	4"	**116314**
GRO-PTH-3000	Straight	3"	3"	4"	**116315**

CONBRACO

Bronze Pipe to Hose Adapters

85-5-5-5 Bronze

Part#	Type	Pipe	Hose	Order#
CNN-65-007-56	Straight	1/2"	1/2" or 5/8"	**106047**
CNN-65-007-51	Straight	3/4"	3/4"	**106042**
CNN-65-007-52	Straight	1"	1"	**106043**
CNN-65-007-53	Straight	1-1/4"	1-1/4"	**106044**
CNN-65-007-54	Straight	1-1/2"	1-1/2"	**106045**
CNN-65-007-55	Straight	2"	2"	**106046**
CNN-65-907-51	Curved	3/4"	3/4"	**106049**
CNN-65-907-52	Curved	1"	1"	**106050**
CNN-65-907-53	Curved	1-1/4"	1-1/4"	**106051**
CNN-65-907-54	Curved	1-1/2"	1-1/2"	**106052**
CNN-65-907-55	Curved	2"	2"	**106053**

GROCO® **Bronze Thru-Hulls**

With Nut	
Size	Order#
1/2"	**116409**
3/4"	**116410**
1"	**116403**
1" Flush Mount	**116219**
1-1/4"	**116404**
1-1/2"	**116405**
2"	**116406**
2-1/2"	**116407**
3"	**116408**

Without Nut	
Size	Order#
1-1/2"	**116411**
2"	**145649**

CONBRACO **Bronze Thru Hulls**

85-5-5-5 Bronze

With Nut	
Size	Order#
1/2"	**106073**
3/4"	**106067**
1"	**106068**
1-1/4"	**106069**
1-1/2"	**106070**
2"	**106071**
2-1/2"	**106072**

Without Nut	
Size	Order#
1/2"	**106060**
3/4"	**106054**
1"	**106055**
1-1/4"	**106056**
1-1/2"	**106057**
2"	**106058**
2-1/2"	**106059**

Bronze Extra Long Thru-Hulls with Nut

Part#	Pipe Size	Shank Length	Order#
CNN-65-BN8-03	.75"	5.625"	**106077**
CNN-65-BN8-04	1"	5.53"	**106078**
CNN-65-BN8-05	1.25"	5.5"	**106079**
CNN-65-BN8-06	1.5"	5.5"	**106080**
CNN-65-BN8-07	2"	5.625"	**106081**
CNN-65-BN8-08	2.5"	5.5"	**106082**

Bronze Hose Barb Thru-Hulls with Nut *Length of threaded portion only

Part#	Hose	Pipe	Shank*	Order#
CNN-65-BN7-98	.75"	.75"	2.06"	**106075**
CNN-65-BN7-99	1"	1"	2.25"	**106076**
CNN-65-BN7-03	1.13"	1.25"	2.44"	**170869**
CNN-65-BN7-02	1.5"	1.5"	2.38"	**106066**

GROCO® **Bronze Hose Barb Thru-Hulls with Nut**

Part#	NPS Size	Hose ID	Length	Order#
GRO-HTH-500	1/2"	1/2"	2.7"	**116268**
GRO-HTH-625	3/4"	5/8"	2.7"	**116269**
GRO-HTH-1000	1"	1"	2.8"	**742673**
GRO-HTH-1125	1"	1-1/8"	2.8"	**159860**
GRO-HTH-1250	1 -1/4"	1-1/4"	2.8"	**116265**
GRO-HTH-1500	1 -1/2"	1-1/2"	2.8"	**116266**
GRO-HTH-2000	2"	2"	2.8"	**116267**

GROCO® **316 SS Hose Barb Thru-Hulls with Nut** Threaded portion 1"

Part#	NPS Pipe	Hose ID	Length	Order#
GRO-HTH-750-S	.75"	.75"	2.7"	**158078**
GRO-HTH-1000-S	1"	1"	2.8"	**158080**
GRO-HTH-1125-S	1.125"	1.125"	2.8"	**158081**
GRO-HTH-1250-S	1.25"	1.25"	2.8"	**158082**
GRO-HTH-1500-S	1.5"	1.5"	2.8"	**158083**
GRO-HTH-2000-S	2"	2"	4.15"	**158084**

Thru Hulls Molded Polypropylene

Part#	Size	Order#
SD-520740	5/8"	**142777**
SD-520750	3/4"	**142778**
PKO-328DP6	1"	**127014**
SD-520770	1-1/8" & 1-1/4"	**142779**
SD-520790	1-1/2"	**142780**

Nylon/Fiberglass Thru-Hulls with Nut and Polished Stainless Steel Cap

Part#	Hose	Drill Hole	Thread Length	Hose End Length	Order#
BKA-60THH625SS	5/8"	1.25"	1.7"	1.3"	**165625**
BKA-60THH75SS	3/4"	1.25"	1.7"	1.3"	**165626**
BKA-60THH100SS	1"	1.375"	1.7"	1.5"	**165627**
BKA-60THH112SS	1-1/8"	1.375"	1.7"	1.7"	**165628**
BKA-60THH125SS	1-1/4"	1.75"	2"	1.9"	**165629**
BKA-60THH150SS	1-1/2"	1.75"	2"	1.9"	**165630**

GROCO® Full Flow Bronze Ball Valves

A bronze body with chrome-plated brass ball and stainless steel lever and nut. Blow-out-proof stem design. Includes reinforced TFE seats and stuffing box ring. GRO-IBV-

Size	Order#
1/4"	**154360**
3/8"	**154361**
1/2"	**154362**
3/4"	**154363**
1"	**154364**
1-1/4"	**154365**
1-1/2"	**154366**
2"	**154367**
2-1/2"	**169804** N
3"	**169805**

CONBRACO

BUCK ALGONQUIN

85-5-5-5 Bronze

Full Flow Bronze Ball Valves

Part#	Order#	Size
CNN-77-109-10	**148255**	2-1/2"
BKA-00BBV300LP	**165659**	3"

GROCO®

316 Stainless Steel Full Flow Inline Ball Valves

With locking handle.

Part#	Size	Order#
GRO-IBV-375-S	3/8"	**153311**
GRO-IBV-500-S	1/2"	**153312**
GRO-IBV-750-S	3/4"	**153313**
GRO-IBV-1000-S	1"	**153314**
GRO-IBV-1250-S	1-1/4"	**153315**
GRO-IBV-1500-S	1-1/2"	**153316**
GRO-IBV-2000-S	2"	**158086**

3-Way Diverter Valve

Can handle fuel tank selection, oil transfer, or water tank selection. Bronze body with chrome-plated brass ball and stainless steel lever and nut. Blow-out-proof stem design. Includes reinforced TFE seats and stuffing box ring, mounting/bonding pads, and adjustable packing guard.

APOLLO

CONBRACO

85-5-5-5 Bronze

Part#	Size	Order#
CNN-70-603-10	1/2"	**106099**
CNN-70-604-10	3/4"	**106100**
CNN-70-605-10	1"	**106101**
CNN-70-606-10	1-1/4"	**106102**
CNN-70-607-10	1-1/2"	**106103**
CNN-70-608-10	2"	**106104**

CONBRACO

Bronze Flange Nuts

Designed and built with large surface to distribute load, for longer service life and more reliable connections. 85-5-5-5 bronze. Plain bronze finish only.

Part#	Size	Order#
CNN-65-007-65	1/2"	**139752**
CNN-65-006-38	3/4"	**106035**
CNN-65-006-39	1"	**106036**
CNN-65-006-40	1-1/4"	**106037**
CNN-65-006-41	1-1/2"	**106038**
CNN-65-006-42	2"	**106039**

GROCO®

Full-Flow Flanged Ball-Type Seacocks

A bronze body with 316 stainless steel ball and stem. Designed and built with in-field serviceability in mind. The ball valve has a patented field reversible handle with unique locking mechanism which resists accidental or vibration related openings or closings of the valve. The "Safety"-type seacocks feature the same full-flow design with an NPT threaded side port to accept in line ball valve or other threaded components. Pipe connection.

Part#	Type	Fits	Order#
GRO-BV-750	Full-Flow	3/4" NPT	**116186**
GRO-BV-1000	Full-Flow	1" NPT	**116177**
GRO-BV-1250	Full-Flow	1-1/4" NPT	**116178**
GRO-BV-1500	Full-Flow	1-1/2" NPT	**116179**
GRO-BV-2000	Full-Flow	2" NPT	**116181**
GRO-BV-2500	Full-Flow	2-1/2" NPT	**116182**
GRO-BV-3000	Full-Flow	3" NPT	**116184**
GRO-SBV-1250-P	Full-Flow Safety	1-1/4" NPT	**151716**
GRO-SBV-1500-P	Full-Flow Safety	1-1/2" NPT	**153317**
GRO-SBV-2000-P	Full-Flow Safety	2" NPT	**153318**
GRO-SBV-2500-P	Full-Flow Safety	2-1/2" NPT	**153319**
GRO-SBV-3000-P	Full-Flow Safety	3" NPT	**145643**

GROCO®

SSC Series Engine Flush Kits

Installs into any seacock or strainer, converting it to a safety seacock. Quick release plug allows cooling system flushing, winter maintenance and draining. 1" to 3" available.

GROCO®

Full Flow Ball-Type Seacocks

Field-changeable handle rotation enables installation in tight spaces. Square hole on handle accepts standard ratchet. Full flow for all sizes. Chromed brass ball handle and brass stem. Stainless steel handle U.L. listed. Bonding attachment and drain plug included. Triangular base and mount bolts pattern are compatible with most popular brands.

Part#	Type	Pipe Size	Order#
GRO-FBV-750	Full-Flow	3/4" NPT	**158108**
GRO-FBV-1000	Full-Flow	1" NPT	**158110**
GRO-FBV-1250	Full-Flow	1-1/4" NPT	**158112**
GRO-FBV-1500	Full-Flow	1-1/2" NPT	**158113**
GRO-FBV-2000	Full-Flow	2" NPT	**158114**
GRO-FBV-2500	Full-Flow	2-1/2" NPT	**742637**
GRO-FBV-3000	Full-Flow	3" NPT	**742638**

CONBRACO

Full Flow Flanged Ball-Type Seacocks

All bronze wetted metallic components. Stainless steel handle and nut. Chromium plated bronze ball. U.L. Listed. Easy on/off operation. Compact, streamlined efficient design. Large flow ports. No lubrication required. Winterizing drain plug. 85-5-5-5 Bronze.

Part#	Pipe Size	Order#
CNN-78-115-01F	3/4"	**106114**
CNN-78-118-01	1"	**106118**
CNN-78-119-01	1-1/4"	**106119**
* CNN-78-116-01	1-1/2"	**106115**
CNN-78-116-01F	1-1/2"	**106116**
CNN-78-120-01	2"	**106120**
CNN-78-117-01	2-1/2"	**106117**
CNN-78-121-01	3"	**106121** N

** Not Full Flow*

45° Elbows

Part#	Size	Order#
MTL-44-181	1/4"	**124456**
MTL-44-182	3/8"	**124457**
MTL-44-183	1/2"	**124458**
MTL-44-184	3/4"	**124459**
MTL-44-185	1"	**124460**
MTL-44-186	1-1/4"	**124461**
MTL-44-187	1-1/2"	**124462**
MTL-44-188	2"	**124463**

Street Elbows

Part#	Size	Order#
MTL-44-160	1/8"	**124445**
MTL-44-161	1/4"	**124446**
MTL-44-162	3/8"	**124447**
MTL-44-163	1/2"	**124448**
MTL-44-164	3/4"	**124449**
MTL-44-165	1"	**124450**
MTL-44-166	1-1/4"	**124451**
MTL-44-167	1-1/2"	**124452**
MTL-44-168	2"	**124453**
MTL-44-169	2-1/2"	**124454**

Brass Adapters

Brass Hose To Pipe Male

Part#	Hose/Pipe	Order#
MTL-32-004	1/4" to 1/8"	**124283**
MTL-32-005	1/4" to 1/4"	**124284**
MTL-32-006	1/4" to 3/8"	**124285**
MTL-32-007	1/4" to 1/2"	**124286**
MTL-32-008	5/16" to 1/8"	**124287**
MTL-32-009	5/16" to 1/4"	**124288**
MTL-32-010	5/16" to 3/8"	**140622**
MTL-32-011	3/8" to 1/8"	**124289**
MTL-32-012	3/8" to 1/4"	**124290**
MTL-32-013	3/8" to 3/8"	**124291**
MTL-32-014	3/8" to 1/2"	**124292**

Brass Hose To Pipe Male

Part#	Hose/Pipe	Order#
MTL-32-015	1/2" to 1/4"	**124293**
MTL-32-016	1/2" to 3/8"	**124294**
MTL-32-017	1/2" to 1/2"	**124295**
MTL-32-018	1/2" to 3/4"	**124296**
MTL-32-304	5/8" to 1/4"	**124316**
MTL-32-019	5/8" to 3/8"	**124297**
MTL-32-020	5/8" to 1/2"	**124298**
MTL-32-021	5/8" to 3/4"	**124299**
MTL-32-306	3/4" to 3/8"	**124317**
MTL-32-022	3/4" to 1/2"	**124300**
MTL-32-023	3/4" to 3/4"	**124301**
MTL-32-025	1" to 1"	**124302**

Brass Hose To Pipe Female

Part#	Hose/Pipe	Order#
MTL-32-053	1/4" to 1/4"	**124303**
MTL-32-056	5/16" to 1/4"	**124304**
MTL-32-058	3/8" to 1/4"	**124305**
MTL-32-064	1/2" to 1/4"	**124306**

Brass Hose To Hose

Part#	Size	Order#
MTL-32-091	1/8" to 1/8"	**124307**
MTL-32-092	3/16" to 3/16"	**124308**
MTL-32-093	1/4" to 1/4"	**124309**
MTL-32-094	5/16" to 5/16"	**124310**
MTL-32-095	3/8" to 3/8"	**124311**
MTL-32-096	1/2" to 1/2"	**124312**
MTL-32-097	5/8" to 5/8"	**124313**
MTL-32-098	3/4" to 3/4"	**124314**

Brass Nipples

GROCO® Bronze Nipples

Close pipe nipples with wrench hex.

Part#	Pipe Size	Order#
GRO-PN-500	1/2"	**729305**
GRO-PN-750	3/4"	**729306**
GRO-PN-1000	1"	**729307**
GRO-PN-1250	1-1/4"	**729308**
GRO-PN-1500	1-1/2"	**729309**
GRO-PN-2000	2"	**729310**

Pipe Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Close	MTL-40-001 **124339**	MTL-40-020 **124350**	MTL-40-040 **124361**	MTL-40-060 **124372**	MTL-40-080 **124383**	MTL-40-100 **124394**	MTL-40-120 **124404**	MTL-40-140 **124414**	MTL-40-160 **124425**
1-1/2"	MTL-40-002 **124340**	MTL-40-021 **124351**	MTL-40-041 **124362**	MTL-40-061 **124373**	MTL-40-081 **124384**	–	–	–	–
2"	MTL-40-003 **124341**	MTL-40-022 **124352**	MTL-40-042 **124363**	MTL-40-062 **124374**	MTL-40-082 **124385**	MTL-40-101 **124395**	MTL-40-121 **124405**	MTL-40-141 **124415**	–
2-1/2"	MTL-40-004 **124342**	MTL-40-023 **124353**	MTL-40-043 **124364**	MTL-40-063 **124375**	MTL-40-083 **124386**	MTL-40-102 **124396**	MTL-40-122 **124406**	MTL-40-142 **124416**	–
3"	MTL-40-005 **124343**	MTL-40-024 **124354**	MTL-40-044 **124365**	MTL-40-064 **124376**	MTL-40-084 **124387**	MTL-40-103 **124397**	MTL-40-123 **124407**	MTL-40-143 **124417**	MTL-40-162 **146866**
3-1/2"	–	MTL-40-025 **124355**	MTL-40-045 **124366**	MTL-40-065 **124377**	MTL-40-085 **124388**	MTL-40-104 **124398**	MTL-40-124 **124408**	MTL-40-144 **124418**	–
4"	MTL-40-007 **124345**	MTL-40-026 **124356**	MTL-40-046 **124367**	MTL-40-066 **124378**	MTL-40-086 **124389**	MTL-40-105 **124399**	MTL-40-125 **124409**	MTL-40-145 **124419**	MTL-40-164 **124426**
4-1/2"	–	–	MTL-40-047 **124368**	MTL-40-067 **124379**	MTL-40-087 **124390**	MTL-40-106 **124400**	MTL-40-126 **124410**	MTL-40-146 **124420**	–
5"	–	MTL-40-028 **124358**	MTL-40-048 **124369**	MTL-40-068 **124380**	MTL-40-088 **124391**	–	MTL-40-127 **124411**	MTL-40-147 **124421**	–
5-1/2"	MTL-40-010 **124348**	MTL-40-029 **124359**	MTL-40-049 **124370**	MTL-40-069 **124381**	MTL-40-089 **124392**	MTL-40-108 **124402**	MTL-40-128 **124412**	MTL-40-148 **124422**	–
6"	MTL-40-011 **124349**	MTL-40-030 **124360**	MTL-40-050 **124371**	MTL-40-070 **124382**	MTL-40-090 **124393**	MTL-40-109 **124403**	MTL-40-129 **124413**	MTL-40-149 **124423**	MTL-40-168 **124427**

Bronze Plumbing

Coupling

Part #	Size	Order #
MTL-44-410	1/8"	**124487**
MTL-44-411	1/4"	**124488**
MTL-44-412	3/8"	**124489**
MTL-44-413	1/2"	**124490**
MTL-44-414	3/4"	**124491**
MTL-44-415	1"	**124492**
MTL-44-416	1-1/4"	**124493**
MTL-44-417	1-1/2"	**124494**
MTL-44-418	2"	**124495**

Reducer Coupling

Part#	Size	Order#
MTL-44-430	1/4" x 1/8"	**124497**
MTL-44-431	3/8" x 1/8"	**124498**
MTL-44-432	3/8" x 1/4"	**124499**
MTL-44-434	1/2" x 1/4"	**124500**
MTL-44-435	1/2" x 3/8"	**124501**
MTL-44-437	3/4" x 3/8"	**124502**
MTL-44-438	3/4" x 1/2"	**124503**
MTL-44-442	1" x 3/4"	**124504**
MTL-44-446	1-1/4" x 1"	**124505**
MTL-44-449	1-1/2" x 1"	**124506**
MTL-44-450	1-1/2" x 1-1/4"	**124507**
MTL-44-454	2" x 1-1/2"	**124508**
MTL-44-462	2-1/2" x 2"	**124510**
MTL-44-456	3" x 2"	**124509**

Teflon® Thread Seal Tape

Stops leaks on metal and plastic pipes. Three different sizes available.

Part#	Size	Order#
UNT-UT11050	1/2" x 520"	**135564**
UNT-UT11075	3/4" x 520"	**135565**
UNT-UT111	1" x 520"	**135566**

Pipe Thread Sealant

Smooth, non-hardening sealant compound.Temperature range -100° F to 600° F. Withstands pressure up to 10,000 PSI. One quarter pint.

Part#	NPT	Order#
WFW-77120	Gas	**732801**
WFW-185348	Diesel	**732802**

Union

Part#	Size	Order#
MTL-44-600	1/8"	**124542**
MTL-44-601	1/4"	**124543**
MTL-44-602	3/8"	**124544**
MTL-44-603	1/2"	**124545**
MTL-44-604	3/4"	**124546**
MTL-44-605	1"	**124547**
MTL-44-606	1-1/4"	**124548**
MTL-44-607	1-1/2"	**124549**

Hex Bushing

Part#	Size	Order#
MTL-44-500	1/4" x 1/8"	**124521**
MTL-44-502	3/8" x 1/4"	**124522**
MTL-44-503	1/2" x 1/8"	**124523**
MTL-44-504	1/2" x 1/4"	**124524**
MTL-44-505	1/2" x 3/8"	**124525**
MTL-44-507	3/4" x 1/4"	**124526**
MTL-44-508	3/4" x 3/8"	**124527**
MTL-44-509	3/4" x 1/2"	**124528**
MTL-44-512	1" x 1/2"	**124529**
MTL-44-513	1" x 3/4"	**124530**
MTL-44-517	1-1/4" x 3/4"	**124531**
MTL-44-518	1-1/4" x 1"	**124532**
MTL-44-521	1-1/2" x 1/2"	**124533**
MTL-44-522	1-1/2" x 3/4"	**124534**
MTL-44-523	1-1/2" x 1"	**124535**
MTL-44-524	1-1/2" x 1-1/4"	**124536**
MTL-44-530	2" x 1-1/4"	**124537**
MTL-44-531	2" x 1-1/2"	**124538**
MTL-44-535	2-1/2" x 2"	**124539**
MTL-44-538	3" x 2"	**124540**
MTL-44-539	3" x 2-1/2"	**124541**

90° Elbow

Part#	Size	Order#
MTL-44-100	1/8"	**124431**
MTL-44-101	1/4"	**124432**
MTL-44-102	3/8"	**124433**
MTL-44-103	1/2"	**124434**
MTL-44-104	3/4"	**124435**
MTL-44-105	1"	**124436**
MTL-44-106	1-1/4"	**124437**
MTL-44-107	1-1/2"	**124438**
MTL-44-108	2"	**124439**
MTL-44-109	2-1/2"	**124440**

Reducing Elbow

Part#	Size	Order#
MTL-44-120	1/4" x 1/8"	**124441**
MTL-44-124	1/2" x 3/8"	**124443**
MTL-44-127	3/4" x 1/2"	**124444**

Cross

Part#	Size	Order#
MTL-44-391	1/4"	**124480**
MTL-44-392	3/8"	**124481**
MTL-44-393	1/2"	**124482**
MTL-44-394	3/4"	**124483**
MTL-44-395	1"	**124484**
MTL-44-396	1-1/4"	**124485**
MTL-44-397	1-1/2"	**124486**

"T"

Part#	Size	Order#
MTL-44-250	1/8"	**124467**
MTL-44-251	1/4"	**124468**
MTL-44-252	3/8"	**124469**
MTL-44-253	1/2"	**124470**
MTL-44-254	3/4"	**124471**
MTL-44-255	1"	**124472**
MTL-44-256	1-1/4"	**124473**
MTL-44-257	1-1/2"	**124474**
MTL-44-258	2"	**124475**
MTL-44-259	2-1/2"	**124476**
MTL-44-260	3"	**155580**

Cap

Part#	Size	Order#
MTL-44-470	1/8"	**124511**
MTL-44-471	1/4"	**124512**
MTL-44-472	3/8"	**124513**
MTL-44-473	1/2"	**124514**
MTL-44-474	3/4"	**124515**
MTL-44-475	1"	**124516**
MTL-44-476	1-1/4"	**124517**
MTL-44-477	1-1/2"	**124518**
MTL-44-478	2"	**124519**

Square Head Plug

Part#	Size	Order#
MTL-44-670	1/8"	**124552**
MTL-44-671	1/4"	**124553**
MTL-44-672	3/8"	**124554**
MTL-44-673	1/2"	**124555**
MTL-44-674	3/4"	**124556**
MTL-44-675	1"	**124557**
MTL-44-676	1-1/4"	**124558**
MTL-44-677	1-1/2"	**124561**
MTL-44-678	2"	**124562**

FORESPAR®

MARELON® Fittings

High-strength, light weight, corrosion and electrolysis free internationally approved marine fittings.

Elbows

HECM- Male thread to hose barb.
HECF- Female thread to hose barb.

Description	Size	Order#
HECM8	1/2"	**157933**
HECM12	3/4"	**114656**
HECM16	1"	**114657**
HECM20	1-1/4"	**114658**
HECM24	1-1/2"	**114659**
HECM32	2"	**157934**
HECF8	1/2"	**155800**
HECF12	3/4"	**140161**
HECF16	1"	**155801**
HECF20	1-1/4"	**155799**
HECF24	1-1/2"	**114660**

Elbow- 1" male threaded to 1-1/8" hose barb.
HECM16/16 **Order# 748838**

Water Strainer Adapters

MTC- Male thread connector.
RB- Reducer both (male to female).

Description	Thread	Order#
MTC 16-12	1" - 3/4" male	**158020**
MTC 24-16	1-1/2" - 1" male	**158021**
RB 24-12	1-1/2" male - 3/4" female	**158023**

Tapered Thread Adapters

These NPT male threaded to hose barb straight tailpipes allow for hose size reductions or increases as needed.

Description	Size	Order#
HC 8 x 12	1/2" pipe - 3/4" hose	**158024**
HC 12 x 8	3/4" pipe - 1/2" hose	**158042**
HC 12 x 16	3/4" pipe - 1" hose	**158026**
HC 20 x 24	1-1/4" pipe - 1-1/2" hose	**158029**

Ball Valves

Control inlet and outlet water requirements above and below the waterline. MF 850

Size	Order#
3/4"	**114676**
1"	**114677**
1-1/2"	**114679**

Flange Mount Seacocks

Female threads and flange. MF 849

Size	Order#
1/2"	**114668**
3/4"	**114669**
1-1/2"	**114670**

Scoop Strainer

Two piece construction allows for easy installation. Male threads.

Description	Thread Size	Order#
MF 867	3/4"	**114693**
MF 868	1-1/4"	**114694**

Tailpipes/Hose Connectors

For joining hose lines to ball valves and seacocks.
Male threaded. CF 252

Size	Order#
1/2"	**153856**
3/4"	**114671**
1"	**114672**
1" male to 1-1/8" hose	**748839**
1-1/4"	**114673**
1-1/2"	**114674**
2"	**157932**

Female Threaded Barbed Hose Fittings

For use in bilge applications.
Female thread to hose barb.

Description	Order#
1/2" EPT to 1/2" Hose Barb	**157935**
3/4" EPT to 3/4" Hose Barb	**157936**

Full Threaded Thru-Hull Connectors

Flush Head

Description	Size	Order#
CF 250	1/2"	**157937**
CF 250S	3/4" w/ screen	**157939**
CF 250S	1" w/ screen	**157940**
CF 250	1-1/4"	**157941**
CF 250S	1-1/4" w/screen	**157942**

Mushroom Head

Description	Size	Order#
CF 251	1/2"	**144792**
CF 251	3/4"	**114686**
CF 251S	3/4" w/ screen	**157990**
CF 251	1"	**114687**
CF 251S	1" w/ screen	**157991**
CF 251	1-1/4"	**114688**
CF 251S	1-1/4" w/ screen	**157992**
CF 251	1-1/2"	**114689**
CF 251S	1-1/2" w/ screen	**157993**
CF 251S	2" w/ screen	**157994**

Hose Tailpipe/Mushroom Head

Description	Size	Order#
CF 253	1/2"	**157995**
CF 253	3/4"	**157996**
CF 253	1"	**157997**
CF 253	1-1/8"	**157998**
CF 253	1-1/4"	**157999**
CF 253	1-1/2"	**158000**
CF 253S	1-1/2" w/ screen	**158001**
CF 253	2"	**158002**
CF 253S	2" w/ screen	**158003**

Flush Head Deck Drain

1-1/2" thru-hull flush head with screen to 1-1/2" hose barb.
CF 254S **Order# 158005**

All fittings are marine parallel threads NPSM or NPTP. (This excludes the HC series tapered thread adapters.)

MarineEast
Innovative Solutions

Male Pipe to Barb Hose Adapters
Molded of high-impact engineered plastic.

Male Pipe x Hose Barb	Order#
1/2" x 5/8"	158165
1/2" x 3/4"	158167
1/2" x 1"	158168
3/4" x 3/4"	158173
3/4" x 1"	158174
3/4" x 1-1/8"	158175
1" x 3/4"	158179
1" x 1-1/8"	158181
1" x 1-1/4"	158182
1" x 1-1/2"	158183
1-1/2" x 3/4"	158191
1-1/2" x 1"	158192
1-1/2" x 1-1/8"	158193
1-1/2" x 1-1/4"	158194
1-1/2" x 1-1/2"	158195

Female to Barb Adapters
Molded of high-impact engineered plastic.

Fem. Pipe x Barb	Order#
1/2" x 5/8"	158211
1/2" x 3/4"	158212
1/2" x 1"	158213
3/4" x 3/4"	158218
3/4" x 1-1/8"	158220
1" x 3/4"	158224
1" x 1"	158225
1-1/2" x 3/4"	158236
1-1/2" x 1-1/2"	158240

Barb to Barb Hose Adapters
Molded of high-impact engineered plastic.

Size	Order#
5/8" x 5/8"	158268
5/8" x 3/4"	158269
5/8" x 1"	158270
5/8" x 1-1/8"	158271
3/4" x 3/4"	158274
3/4" x 1"	158275
3/4" x 1-1/8"	158276
3/4" x 1-1/4"	158277
3/4" x 1-1/2"	158278
1" x 1"	158279
1" x 1-1/8"	158280
1" x 1-1/4"	158281
1" x 1-1/2"	158282
1-1/8" x 1-1/8"	158283
1-1/8" x 1-1/4"	158284
1-1/8" x 1-1/2"	158285
1-1/4" x 1-1/4"	158286
1-1/4" x 1-1/2"	158287
1-1/2" x 1-1/2"	158288

Male Pipe to Male Pipe Hose Adapters
Molded of high-impact engineered plastic.

Size	Order#
3/4" x 1"	158203
1-1/2" x 1-1/2"	158210

Female to Male Adapters
Molded of high-impact engineered plastic.

Fem x Male	Order#
3/4" x 1"	158248
1" x 1"	158253

Hose Barbs
Resists electrolysis, molded of high-impact S.T. 801 Nylon, no electrical bonding required. Precision molded threads for proper fit. Fits marine sanitation hose.

Hose ID x Male Pipe	Order#
5/8" x 1/2"	158289
3/4" x 3/4"	158290
1" x 1"	158291
1-1/4" x 1-1/4"	158292
1-1/2" x 1-1/2"	158293
2" x 2"	158294
1-1/2" x 1-1/4"	158295

Hose Splicers
White nylon. Straight hose union.

90° Union Elbows
White nylon

Size	Straight	90° Elbow
1/2"	146574	146563
5/8"	146576	146565
3/4"	146577	146566
1"	146578	146567
1-1/4"	–	146568
1-1/2"	146580	146569
2"	146581	146570

1" Transom Drain Tube
Flush fit. Drain plug and rubber o-ring included. Screw driver slot molded into the tough Celcon construction for easy removal.
MOE-20303-10
Order# 123515

Drain Tubes

O.D.	Length	Type	Order#
1"	1-7/8"	Aluminum	123529
1"	2-1/4"	Aluminum	123530
1"	15"	Brass	746770
1"	1-7/8"	Brass	147442
1"	2-3/8"	Brass	147445
1"	2-7/8"	Brass	142239

Flanging Tool
Used to flange 1" drain tubes.
MOE-20700-00
Order# 123524

Brass Flip Top Drain Plug
Cam-action flip type plug with neoprene seal.

Size	Order#
1"	147451
1-1/4"	123540

Brass T-Handle Drain Plug
Expanding screw action.

Size	Order#
1"	142776
1-1/4"	123526

Deck and Baitwell Plugs
Brass top, neoprene body. Sold by the pair.

Part#	Size	Order#
SD-520091-1	3/8"	147446
SD-520092-1	1/2"	147447
SD-520093-1	5/8"	147448
SD-520094-1	3/4"	147449
SD-520095-1	7/8"	147450

WHITECAP

T-Handle Drain Plug
Aluminum plug with 12" stainless steel cable and nut. For 1" drains.
WTC-S211C **Order# 741473**

Garboard Drain and Plug
Threaded plug with slot. Plastic.
MT-0435-N **Order# 124077**

WHITECAP

Stainless Steel Self-Captive Garboard Drain Plug
316 stainless steel. Flange: 2"x 1-1/2". Hole Diameter: 7/8". Takes two #10 fasteners.
WTC-6353 **Order# 762703**

Brass Garboard Safety Plug
Lets water out of your bilge but not back in. Plug can be tightened and loosened with a wrench, screwdriver or even a nail.
UNM-50032270 **Order# 173534**

Bronze Garboard Drain/Plug
1/2" NPT plug. Flange is 2".
Takes # 8 fastener. SD-520040
Order# 130366

BUCK ALGONQUIN

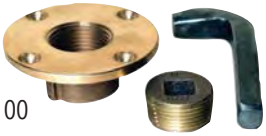
Cast Bronze Drain Plug Assemblies

Part#	Height	Flange Dia	NPT	Order#
BKA-00DP84T	3"	2"	1/2"	103394
BKA-00DP105TS	3-3/4"	2-3/8"	3/4"	746032

1" NPT Drain Plug Socket Wrench Type

BUCK ALGONQUIN

Cast Bronze, Plain Finish with Cadmium-plated steel socket wrench. Flange diameter 3-1/8". Thru-hull length 7/8". BKA-00DP100
Order# 103383



Fuel Hose

SAE J1527-USCG Type A1-15 Fuel Feed line Low Perm and Alcohol Resistant

Part#	I.D.	Order#
HMH-368-02500	1/4"	**733482**
HMH-368-03120	5/16"	**733483**
HMH-368-03750	3/8"	**733484**
HMH-368-05000	1/2"	**733485**
HMH-365-0586	5/8"	**176667**
HMH-350-07500	3/4"	**739247**

SAE J1527-USCG Type A2 Fuel Fill/Vent line

Part#	I.D.	Order#
HMH-350-10000	1"	**118140**
HMH-355-15000	1-1/2"	**171824**
HMH-350-16250	1-5/8"	**118147**
HMH-350-20000	2"	**118149**
HMH-350-23753	2-3/8"	**118150**

Outboard Fuel Hose

Fuel line hose for fuel system rigging. Low perm. Hose is compounded to meet the needs of today's gasoline. Sold by the foot in a 100' box. O*utboards only*. USCG Type B1-15 SAE J1527. EPA Compliant.

Part#	I.D.	Order#
TRD-305-0387	3/8"	**743557**
TRD-305-0567	5/16"	**743556**

Fuel Whistle

Simply install vertically in 5/8" fuel vent line. Whistle changes pitch and goes silent when tank is nearly full.
GME-204 **Order# 174019**

USCG Inspected Vessel Hose

Trident Series 321 Ocean-Flex

This unique marine hose can be used for a multitude of applications for both Commercial and Recreational Vessels including: Fuel Fill, Feed and Vent (Diesel and Gasoline- Type A1), Lube Oil, Wet Exhaust, Water (Vital and Non-Vital), Bilge, Coolant, Drains and Sanitation applications. Provides excellent resistance to fuel, fire, heat, cold, ozone and aging. Also provides exceptional bendability and adheres to more standards than any other marine hose. Temp range -20°F to 212°F.
Compliance with USCG Inspected Vessels (Title 46 CFR Sub-Chap. T)

I.D.	O.D.	Order#	Order#
3/4"	1.188"	**748843**	**748844**
1"	1.438"	**748845** N	**748846**
1-1/2"	1.938"	**748848**	**748849**
2"	2.438"	**748850**	**748851**

Hose Clamps

Page 209

Bilge, Livewell and Drain Hose

Series 141 MultiFlex

Great for bilge pump discharge, sink drains, shower drains, scupper drains, livewell drains and potable water tank fill. Clear FDA formula PVC with black vinyl helix. Flexible, abrasion resistant. Resistant to: mild chemicals, salt water. Couplings: uses 147 right hand thread cuffs. ***Do not use glycol based anti-freeze in hose. Do not attach to thru hull fitting below the water line.***

I.D.	Order#
3/4"	**118068**
1"	**753208**
1-1/8"	**138152**
1-1/4"	**118069**
1-1/2"	**118070**

Series 147 VAC XHD Bilge & Livewell Hose

Smooth extra heavy wall vinyl hose. All clear (FDA) with black helix. Excellent durability, flexibility & bend radius for XHD bilge, live well, drain, scupper lines, etc. No cuffs required. Operating temperatures +10° to +140° F.

I.D.	Order#
5/8"	**753877**
3/4"	**740622**
1"	**749698**
1-1/8"	**746214**
1-1/4"	**749701**
1-1/2"	**740621**

TRIDENT MARINE®

Series 149 Premium Bilge, Livewell Hose

Smooth, extra heavy wall vinyl (FDA) well hose. Excellent durability, flexibility and bend radius for XHD bilge, live well, drain, scupper lines, etc. No cuffs required. Operating temperatures +10° to +140°F (-12° to +60°C).

I.D.	Order#
3/4"	**752500**
1"	**752501**
1-1/8"	**735869**
1-1/4"	**752502**
1-1/2"	**752503**

Series 120 Bilge Hose

Extremely flexible and tough corrugated polyethylene hose for bilge intake and discharge. Cuffed every foot for clamping. Resists oily bilge and sea water. Not recommended for below water line connections or live well connections.

I.D.	Black	White
3/4"	**118052**	**118053**
1-1/8"	**118054**	**118055**
1-1/4"	**118056**	**118057**
1-1/2"	**118058**	**118059**

H.D. Cuffs

Soft, pliable, white, PVC cuffs to facilitate fitting off-size hose barbs. Right hand thread. Recommend urethane adhesive on threads. I.D. 1.5". HMH-147-15000 **Order# 118072**

AquaSeal Urethane Repair Adhesive Sealant
.75 oz MNC-10114 **Order# 158886**
8 oz MNC-10714 **Order# 158889**

Vent Hose

Trident Series 400 Reinforced Vent Duct

Wire supported vinyl resists weather, sunlight and ozone. Won't support flame. 400-402 - Standard vent ducting 3 mil.

Color	I.D.	Order#
White	3"	**118153**
Black	3"	**118154**
White	4"	**118155**
Black	4"	**118156**

Trident Series 481 Premium Polyduct

Rugged blower duct hose for heat, ventilation, and air conditioning. Heavy duty polypropylene hose, reinforced with a flexible polypropylene rod helix. Excellent flexibility and compressibility; resistance to crushing, flex fatigue, tearing, and moisture. Meets FMVSS 302 flame resistance, Temp. range: -40° F to 225° F (-40° C to 107° C).

I.D.	Order#
3"	**748836**
4"	**748837**

Water Hose

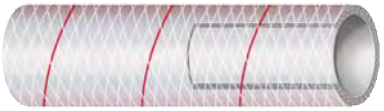
Series 150 Clear PVC Tubing - FDA

Non-toxic FDA compounded PVC. For many unpressurized, cool water uses like fresh water, drain and vent lines. Not recommended for below waterline connections.

I.D.	Order#
1/4"	**118080**
3/8"	**118081**
1/2"	**118082**
5/8"	**118083**
3/4"	**118084**
1"	**118085**
1-1/4"	**118086**
1-1/2"	**118087**

Series 162 Reinforced PVC - FDA

Non-toxic FDA compounded PVC with nylon reinforcement. For pressurized drinking water systems and many other uses. Resists odor, taste, 60 PSI-W.P. Red tracer. *Not recommended for below waterline connections.*



I.D.	Order#
3/8"	**118088**
1/2"	**118089**
5/8"	**118090**
3/4"	**118091**
1"	**118092**
1-1/4"	**118095**
1-1/2"	**118096**

WaterHose

Multi-purpose hose reinforced with synthetic cord. Oil resistant hose is red.

Type	Hose I.D.	W.P. psi	Order#	Coil Length
Oil Resistant	5/8"	200	**759209**	150'
Oil Resistant	3/4"	200	**102511**	150'
Oil Resistant	1"	200	**102512**	150'
Oil Resistant	1-1/4"	200	**102513**	150'
Oil Resistant	1-1/2"	200	**102514**	150'
Water Heater	5/8"	200	**148168**	50'
Water Heater	3/4"	200	**148167**	50'
Water Heater	1"	200	**148169**	50'

vetus

New!

Cooling Water Hose

Suitable for suction and pressure, salt and fresh water and for all cooling fluids. Temperature resistant between -30°C and 120°C. Made of EPDM-rubber, with synthetic fabric and spiralled steel reinforcement. Suitable for use as exhaust hose. VET-MWHOSE

I.D.	Order#
3/4"	**760688**
1"	**760684**
1-1/4"	**760685**
1-1/2"	**760686**
2"	**760687**

Exhaust Hose

Trident Silicone Hose Couplers

Blue Hose: Comes with 4 stainless steel t-bolt clamps. Rated -65°F - 350°F. Black hose: Does not come with clamps. Rated -40°F - 250°F. *Both styles for intake and exhaust.*

TRIDENT MARINE®

Description	Color	Size	Order#
1 Hump Bellows, Series 272	Blue	3"	**748993**
		4"	**729862**
		5"	**748994**
		6"	**748995**
		8"	**744273**
		10"	**752555**
Double Hump, Series 274	Blue	6"	**752888**
		8"	**752886**
90° Elbow, Series 290	Blue	5"	**753181**
		6"	**753182**
		8"	**753183**
45° Elbow, Series 240	Blue	6"	**753096**
		8"	**753097**
Reducer, Series 270	Blue	6"-8"	**754120**
1 Hump Bellows	Black	5"	**755987**
		6"	**755988**
		8"	**755989**

Exhaust Hose

Series 250 Water/Exhaust Flex Marine Exhaust

M.E. hose-type certified wet exhaust service for longer (4 x I.D.) and bent connections. Heavy wall with double helical wire between 4 spirals. Resists panting, collapse, heat, ozone, and exhaust fumes. Excellent flexibility and bend radius. Meets or exceeds USCG and ABYC recommendations. *For intake and exhaust.*

I.D.	O.D.	Order#
1/2"	7/8"	**149618**
5/8"	1 1/32"	**149619**
3/4"	1 9/64"	**149620**
7/8"	1 17/64"	**149621**
1"	1 3/8"	**149622**
1 1/8"	1 1/2"	**118105**
1 1/4"	1 45/84"	**149623**
1 1/2"	1 15/16"	**118106**
1 5/8"	2 3/32"	**118107**
1 3/4"	2 13/64"	**118108**
1 7/8"	2 23/64"	**118109**
2"	2 31/64"	**118110**
2 1/4"	2 3/4"	**118112**
2 1/2"	3"	**118114**
2 7/8"	3 7/16"	**118117**
3"	3 9/16"	**118118**
3 1/2"	4 3/32"	**118121**
4"	4 17/32"	**118122**
5"	5 5/8"	**118124**
6"	6 11/16"	**118126**

Exhaust Hose Clamps Page 222

TRIDENT MARINE®

Series 250 Trident Flex Marine Wet Exhaust Water Hose

Premium wet exhaust hose for longer bent connections. In smaller I.D.'s for engine intake, critical water, drain, scupper bilge and sanitation uses. Extra heavy tube and cover with helix between 2 ply reinforcement provides excellent flexibility and bend radius. Resists heat, ozone, exhaust, sani chemicals, panting and collapse. Exceeds New (SAE J2006, ABYC and NMMA) Stds. Black High Temp EDPM Rubber 250°F (121°C).

I.D.	O.D.	Order#
1 1/2"	1 32/33"	**743542**
1 5/8"	2 1/9"	**743543**
1 3/4"	2 3/13"	**743544**
2"	2 1/2"	**743546**
2 1/4"	2 3/4"	**743547**
2 3/8"	2 7/8"	**743548**
2 1/2"	3 1/16"	**743549**
3"	3 3/5"	**743551**
3 1/2"	4 1/9"	**743552**
4"	4 2/3"	**743553**
8"	8 3/4"	**745537**

vetus

Rubber Exhaust Hose

Corrugated rubber, high strength, super flexibility.

Part#	Bend Radius	I.D.	O.D.	Order#
VET-SLANG45	2-11/16"	1-3/4"	2-5/64"	**734482**
VET-SLANG50	3-1/16"	2"	2-21/64'	**176900**
VET-SLANG60	3-9/16"	2-3/8"	2-43/64"	**174582**
VET-SLANG65	3-7/8"	2-9/16"	2-7/8"	**176917**
VET-SLANG75	4-5/16"	3"	3-19/64"	**176895**
VET-SLANG90	5-5/16"	3-1/2"	3-55/64"	**164519**
VET-SLANG100	6-1/32"	4"	4-21/64"	**176870**
VET-SLANG125	7-1/2"	5"	5-25/64"	**176899**
VET-SLANG150	9"	6"	6-13/32"	**176894**
VET-SLANG200	15-63/64"	8"	8-37/64"	**149240**

Series 202 Silicone Marine Wet Exhaust and Water Hose

Can stand very Hi Temps. 4 to 6 ply polyester reinforcement 350°F (177°C). Dramatically exceeds all standards and lasts up to 6 times longer than black rubber.

I.D.	O.D.	Order#
3"	3-25/64"	**173698**
4"	4-25/64"	**173699**
5"	5-25/64"	**173700** N
6"	6-1/2"	**173701**
8"	8-1/2"	**173778**

Exhaust Hose Clamps

Stainless Steel T-Bolt Band Clamps. 3/4" wide 301 series stainless steel band, .012 thick. Opens 3/32" above and tightens 7/32" smaller than nominal I.D. for a total range of 5/16". 300 series stainless steel bolt.
*Long Bolt.

Part#	Hose O.D.	Min. Dia.	Max. Dia.	Order#
BKA-70TBC150SS	1-1/2"	1-9/32"	1-19/32"	**103967**
BKA-70TBC188SS	1-7/8"	1-21/32"	1-31/32"	**103969**
BKA-70TBC200SS	2"	1-25/32"	2-3/32"	**103970**
BKA-70TBC225SS	2-1/4"	2-1/32"	2-11/32"	**103971**
BKA-70TBC250SS	2-1/2"	2-9/32"	2-19/32"	**103973**
BKA-70TBC275SS	2-3/4"	2-17/32"	2-27/32"	**103974**
BKA-70TBC300SS	3"	2-25/32"	3-3/32"	**103975**
BKA-70TBC325SS	3-1/4"	3-1/32"	3-11/32"	**103976**
BKA-70TBC350SS	3-1/2"	3-9/32"	3-19/32"	**103977**
BKA-70TBC375SS	3-3/4"	3-17/32"	3-27/32"	**103978**
BKA-70TBC400SS	4"	3-25/32"	4-3/32"	**103979**
BKA-70TBC450SS	4-1/2"	4-9/32"	4-19/32"	**103981**
BKA-70TBC475SS	4-3/4"	4-17/32"	4-27/32"	**103982**
BKA-70TBC500SS	5"	4-25/32"	5-3/32"	**103984**
BKA-70TBC550SS	5-1/2"	5-9/32"	5-19/32"	**103986**
BKA-70TBC600SS	6"	5-25/32"	6-3/32"	**103988**
BKA-70TBC625SS	6-1/4"	6-1/32"	6-11/32"	**103989**
BKA-70TBC650SS	6-1/2"	6-9/32"	6-19/32"	**103990**
BKA-70TBC675SS	6-3/4"	6-17/32"	6-27/32"	**103991**
BKA-70TBC700SS	7"	6-25/32"	7-3/32"	**103992**
BKA-70TBC750SS	7-1/2"	7-9/32"	7-19/32"	**103993**
BKA-70TBC800SS	8"	7-25/32"	8-3/32"	**103994**
BKA-70TBC850SS	8-1/2"	8-9/32"	8-19/32"	**147390**
* BKA-70TBC875SL	8-3/4"	8-19/64"	8-7/8"	**151008**
BKA-70TBC900SS	9"	8-25/32"	9-3/32"	**103995**
TRD-720-14000	14"	14-1/5"	14-25/32"	**760399**

***Note:** Exhaust clamps have a narrow range of adjustment. Know the **outside** diameter of your hose before ordering.*

Exhaust Wrap

- Manufactured from fiberglass
- Contains no asbestos
- Sold in 100' rolls

Part#	Size	Order#
HM-EW2	2" x 1/16"	**117646**
HM-EW3	3" x 1/16"	**117648**
HM-EW4	4" x 1/16"	**117649**

Exhaust Overheat Alarm Kit

This kit monitors exhaust temperature and lights the red light on the warning panel and activates a loud panel mounted buzzer when the temperature reaches 200° F, preventing serious damage to your engine. A green on light gives peace of mind that the alarm has power and is in a monitoring condition. The aluminum band that adjusts from 2"-8" diameter, making easy installation on the elbow or flexible hose. Includes 5' of marine grade tinned wire. Panel size: 3" x 1-3/4".
AQA-20245 **Order# 157638**

Exhaust Guard

Specially compounded rubber flapper valves designed to prevent water from entering the exhaust system in following seas or when backing down. Made with weather resistant EPDM with U/V stabilizer. Includes stainless steel hose clamp.

Part#	Size	Order#
SIE-18-4456	3"	**175459**
SIE-18-4457	4"	**175458**
SIE-18-4458	5" or 6"	**175456**

Nylon Transom Exhaust

Molded S.T. 801 nylon. Optional flap. Black.

Part#	Type	Hose Shank	Shank Length	Cut Out	Flange O.D.	Flange	Order#
MRE-8150	Regular	2"	3.5"	2.375"	3.375"	Straight	**147915**
MRE-8105	w/Flap	3"	4.2"	4"	5.7"	Straight	**147919**
MRE-8109	w/Flap	4"	4.2"	4"	5.7"	Straight	**147920**

Transom Exhaust

Cast bronze or stainless steel. Available in either straight or angled flange.

Part#	Metal	Type	Hose Shank	Shank Length	Flange O.D.	Flange	Order#
BKA-00TE150	Bronze	Regular	1-1/2"	2-1/2"	3-3/16"	Straight	**103597**
BKA-70TE150	Stainless Steel	Regular	1-1/2"	2-1/2"	3-3/16"	Straight	**175672**
VET-TRC40SV	Stainless Steel	Check Valve	1-9/16"	3"	2-29/32"	Straight	**736105** N
BKA-00TE188	Bronze	Regular	1-7/8"	2-1/2"	3-1/2"	Straight	**103598**
BKA-00TE200	Bronze	Regular	2"	2-1/2"	3-7/8"	Straight	**103599**
BKA-70TE200	Stainless Steel	Regular	2"	2-1/2"	3-7/8"	Straight	**172126**
SD-521125	Stainless Steel	Flapper	2-1/2"	5"	4-1/2"	Straight	**744533**
BKA-00TE250	Bronze	Regular	2-1/2"	4"	4-1/2"	15°	**103602**
BKA-70TE250	Stainless Steel	Regular	2-1/2"	4"	4-1/2"	15°	**175673**
BKA-00TE300	Bronze	Regular	3"	5"	5"	8°	**103604**
BKA-70TE300	Stainless Steel	Regular	3"	5"	5"	8°	**165613**
BKA-00TE400	Bronze	Regular	4"	4-3/4"	7"	16°	**103605**
BKA-70TE400	Stainless Steel	Regular	4"	4-3/4"	7"	16°	**165614**
BKA-70TE500	Stainless Steel	Regular	5"	5"	7.5"	Straight	**175674**
BKA-00TE600	Bronze	Regular	6"	5"	8"	Straight	**103607**
BKA-70TE600	Stainless Steel	Regular	6"	5"	8"	Straight	**167953** N
BKA-00TE600F	Bronze	Flapper	6"	5"	8"	Straight	**103608**
BKA-00TEA800	Bronze	Regular	8"	6-1/2"	11-1/2"	9°	**103612**

SD-521125

Regular non-angled flange

Regular 8° angled flange

Flapper type Non-angled flange

PLASTIC MUFFLERS

Vetus Waterlock Type LP

For exhaust hose diameters of 30 (1 3/16"), 40 (1 5/8"), 45 (1 3/4") and 50 mm (2") int. has two inlet positions, a vertical and a horizontal one (saw off the top of the inlet you wish to use). A drain-plug (for winter storage) is provided. For exhaust hose in 50 mm (2") I.D. We also have a waterlock with a bigger capacity for boats with long exhaust-tubing.

Part#	Inlet	Ports	Order#
VET-WLOCKL50S	Fixed	2"	**135836**
VET-WLOCKLP60	Fixed	2-3/8"	**135839**
VET-WLOCKLP75	Fixed	3"	**135840**
VET-WLOCKL40R	Revolving	1-9/16"	**135833**
VET-WLOCKL45R	Revolving	1-3/4"	**135834**
VET-WLOCKL50R	Revolving	2"	**135835**

Vetus Plastic Mufflers Type MP

These silencers must also be water cooled, for instance by guiding the engine cooling water into the exhaust system. The construction allows the exhaust gases to flow freely through the silencer which of course benefits the engine performance. Exhaust hose diameters listed. VET-DEMPMP

For Hose	Ports	Order#
1-9/16"	1-5/8"	**135688**
1-3/4"	1-3/4"	**135689**
2"	2"	**135690**
2-3/8"	2-3/8"	**135691**
3"	3"	**135692**

Vetus Goose Neck Type LT

This plastic goose neck prevents seawater from entering into the engine via the exhaust system. Obtainable for exhaust hose listed in table. VET-WLOCKLT

For Hose	Ports	Order#
1-5/8"	1-9/16"	**135842**
1-3/4"	1-3/4"	**135843**
2"	2"	**135844**
2-3/8"	2-3/8"	**135845**

Vetus NLP Waterlock Mufflers

Dual stage construction, featuring upper and lower chambers with a horizontal partition plate and a riser tube through the center. Top chamber, inlet and outlet connectors can be rotated 360°.

Part#	Exhaust Hose I.D.	Order#
VET-NLP40	1-9/16"	**151127**
VET-NLP50	2"	**151484**
VET-NLP50S	2"	**174080**
VET-NLP75	3"	**175021**

Vetus Plastic Hose Connections

Straight or bent (60°) for 40 (1 5/8"), 45 (1 3/4") and 50mm (2") ø hose.

Part#	Description	Order#
VET-SLVBG40K	Bent 40 mm - (1-5/8")	**135806**
VET-SLVBG45K	Bent 45 mm - (1-3/4")	**135807**
VET-SLVBG50K	Bent 50 mm - (2")	**135808**
VET-SLVBR40K	Straight 40 mm - (1-5/8")	**135812**
VET-SLVBR45K	Straight 45 mm - (1-3/4")	**135813**
VET-SLVBR50K	Straight 50 mm - (2")	**135814**

Vernatube™ Fiberglass Marine Wet Exhaust Tubing

Can be installed with either gasoline or diesel wet marine exhaust systems. Couplings are available and made of the same fiberglass and fire retardant resins.

Size O.D.	5'	10'
1.5"	–	– **739755**
2"	**746129**	**135882**
2.5"	–	– **168329**
3"	**746131**	**137860**
3.5"	**746132**	**739757**
4"	**746133**	**135879**
5"	**746143**	**135880**
6"	**746145**	**140733**
8"	**746146**	**135881**
10"	–	– **739656**
12"	–	– **751526**

45° Elbows

Size	Order#
4"	**135884**
5"	**135885**
6"	**135886**
8"	**143737**
10"	**744094**

90° Elbows

Size	Order#
2"	**135892**
3.5"	**739797**
4"	**135888**
6"	**154359**

Reducing Couplers

Size	Order#
5" x 6"	**135887**
6" x 8"	**135889**

Many more sizes available!

Surge Chambers

Size	Order#
4"	**153730**
5"	**142445**
6"	**135899**
8"	**135900**

Stainless Steel Crush Sleeves

Fits inside tube to prevent damage due to over tightening of hose clamps. Stays in place. No adhesive required.

Size	Order#
4"x3"	**753185**
5"x3"	**753187**
6"x3"	**753188**
6"x4"	**749019**
8"x3"	**753189**
8"x4"	**749020**
10"x3"	**756600**

Vernatone™ Mufflers

The Vernatone™ exhaust muffler is the original FRP water-cooled marine muffler. This style has been used by boat builders and boaters world wide for over 40 years. The Vernatone™ family of inline mufflers includes eight basic products with hundreds of variations in length, width, height, inlets and outlets. Builders and boaters requested these variations for specific engine or location requirements in a particular vessel. These mufflers also vary in size which influences the acoustical performance.

Many Styles & Sizes Available!

Waterglass

Clear liquid coating used on exhaust wrap as a sealer. Can be brushed or sprayed on. Sodium Silicate. Quart can.

LYN-5601 **Order# 121797**

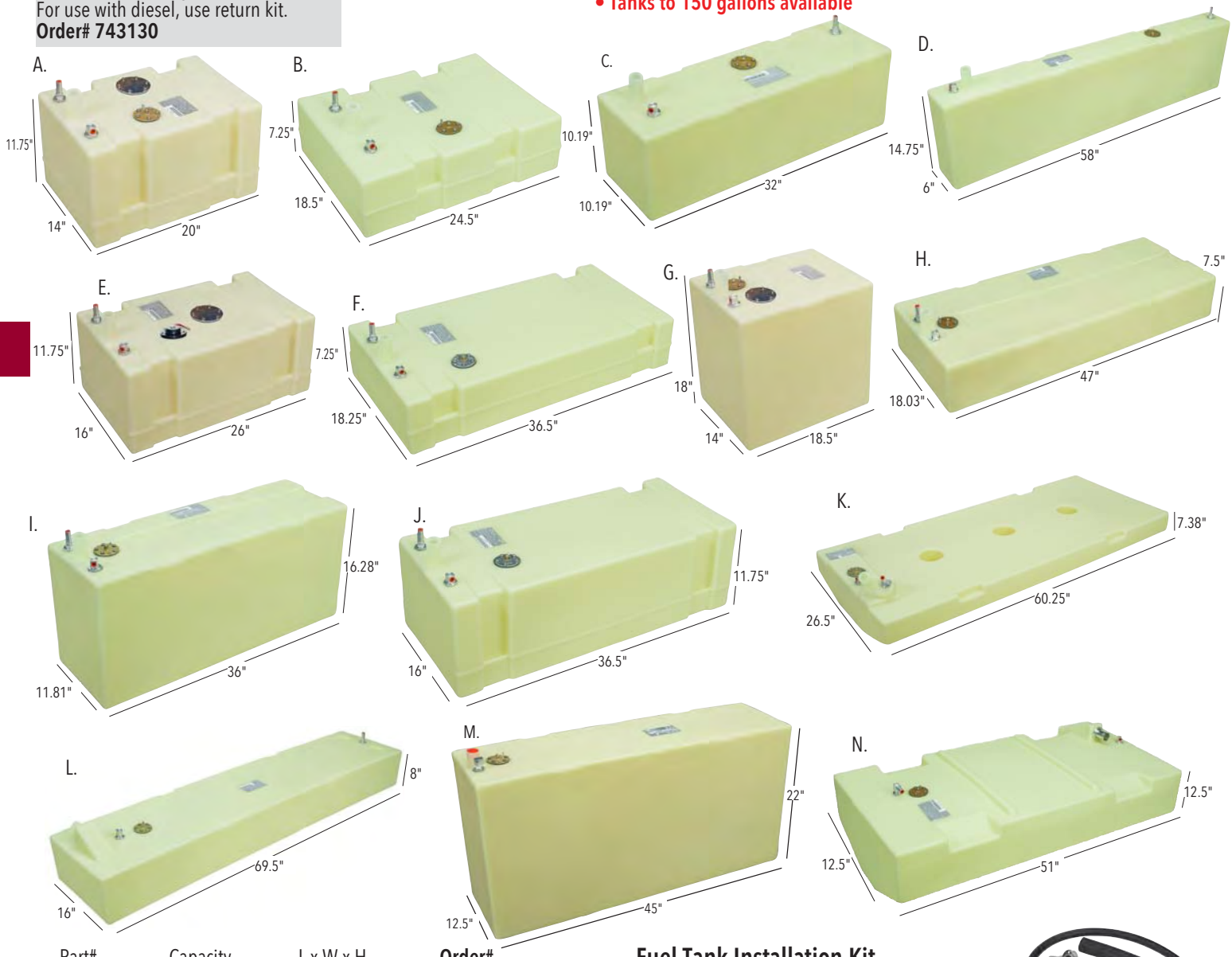
MOELLER marine products

Caution! Ethanol-enhanced and other blended fuels require a new level of filtration and maintenance!
E-10 fuel (10% ethanol and 90% gasoline) is now in widespread use. Although it is environmentally friendlier than other blends, E-10 has the potential to cause severe damage to some engines. Ethanol increases the electrical conductivity of fuels, which can lead to galvanic corrosion of metal engine components, especially in aluminum gas tanks. It also increases fuel tank condensation, and acts as a detergent that can cause rust, some layers of older fiberglass tanks, and other contaminants to detach and plug filters. You may require new tanks, fuel lines, and improved and finer filtration systems.

Permanent Fuel Tanks Corrosion-free polymer. A perfect solution for ethanol-blended fuels.

These tanks are for gasoline or diesel.
For use with diesel, use return kit.
Order# 743130

- Manufactured in Moeller plants in the USA
- Seamless construction, leak proof and corrosion resistant
- Rotationally molded Polyethylene for maximum strength and reliability
- Tanks complete with full adapters, vents and fuel level senders
- **Tanks to 150 gallons available**



	Part#	Capacity	L x W x H	Order#
A.	MOE-32612	12 Gal	20" x 14" x 11.75"	**150852**
B.	MOE-32512	12 Gal	24.5" x 18.5" x 7.25"	**150849**
C.	MOE-32513	13 Gal	32" x 10.19" x 10.19"	**168824**
D.	MOE-32818	18 Gal	58" x 6" x 14.75"	**150851** N
E.	MOE-32519	19 Gal	26" x 16" x 11.75"	**150850**
F.	MOE-32518	18 Gal	36.5" x 18.25" x 7.25"	**156940**
G.	MOE-32619	19 Gal	18.5" x 14" x 18"	**170552**
H.	MOE-32525	25 Gal	47" x 18.03" x 7.5"	**167728**
I.	MOE-32627	27 Gal	36" x 11.81" x 16.28"	**156916**
J.	MOE-32527	27 Gal	36.5" x 16" x 11.75"	**173591**
K.	MOE-32534	34 Gal	60.25" x 26.5" x 7.38"	**150848**
L.	MOE-32535	35 Gal	69.5" x 16" x 8"	**153201**
M.	MOE-32550	50 Gal	45" x 12.5" x 22"	**152642**
N.	MOE-32555	55 Gal	51" x 25.5" x 12.5"	**739657** N

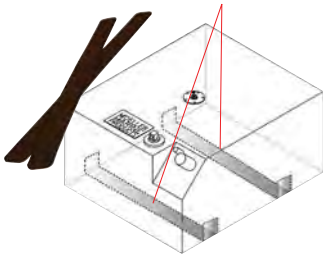
Fuel Tank Installation Kit

Includes everything you need. Stainless steel "gas" deck fill, (2) 1-1/8", and (4) 2-1/4" stainless steel hose clamps, chrome-plated brass thru-hull vent, 18" of 1-1/2" fuel fill hose, 36" of 5/8" vent hose and a 5/8" brass hose barb.
MOE-35723 **Order# 170550**

Tank Mounting Strips

Self-adhesive mounting strips cushion between the tank and the hull and provide room for circulation. Can also be used for topside tanks. 2"W x 30"L x 1/4"H. Black. Closed cell poly foam.
MOE-035731-10 **Order# 746755**

Cushion strips between tank and hull



MOELLER marine products

Electric Sending Unit with Diesel Return

Easy installation on all five hole flange tanks which is industry standard. Compatible with 35-240 Ohms fuel gauges. Return line allows for all fuel injected engines including gasoline. Swing arm float can be rotated in 90° increments to clear tank wall or baffle. For 6" to 24" tanks. For diesel use supplied 90° barb. For gas use supplied brass plug.
MOE-35789-10 **Order# 743130**

MOELLER marine products

Electric Sending Units

Internal measurement components will not rust or corrode. All electrical senders are calibrated to 35-240 Ohms. 100% inspected during manufacturing to ensure the highest quality.

Part#	Size	Order#
MOE-35722-10	6" to 12"	**170547**
MOE-35729-10	12" to 24"	**170537**

MOELLER marine products

Mechanical Sending Unit

All mechanical senders are calibrated to 35 to 240 Ohms. Compatible with competitive units. Mechanical direct sight gauge comes complete on unit.

Part#	Tank Depth	Order#
MOE-35755-10	14"	**170482**
MOE-35756-10	16-1/4"	**170483**

MOELLER marine products

Reed Switch Sending Unit

Features a 6-24" array. Offers protection from corrosion (internal and external from fuel tank) Standard with SEA 5 hole mounting bolt pattern. Suitable for gas, ethanol, diesel, bio-diesel, and non-potable water use. Temperature range -40°F to 176°F.
MOE-35791-10 **Order# 753051**

MOELLER marine products

Reed Switches

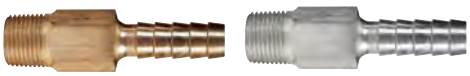
Best for ethanol

These sending units collect fuel level info more consistently than swingarm senders. They take the measurement from the float -which is still a moving part. The fluctuation is much less because the range of motion is much less. Stainless steel construction for dash mounted gauge. Gauge not included.

Part#	Tank Depth	Order#
MOE-35761-10	9"	**176731**
MOE-35762-10	11"	**734051**
MOE-35764-10	13"	**176743**
MOE-35767-10	18-1/2"	**176747**

MOELLER marine products

Anti-Siphon Valves



Delivers Coast Guard/industry standard anti-siphon protection on all gasoline-powered boats. Combines anti-siphon protection with a convenient hose barb design. Use brass for HP 200 and above and aluminum for HP below 200.

Part#	Type	NPT	Hose Barb	Order#
MOE-33801-10	Aluminum	1/4"	3/8"	**170541**
MOE-33802-10	Aluminum	3/8"	3/8"	**170542**
MOE-33805-10	Aluminum	1/4"	1/4"	**731234**
MOE-33807-10	Brass	1/4"	3/8"	**731236**
MOE-33808-10	Brass	3/8"	3/8"	**731237**
MOE-33806-10	Brass	1/4"	1/4"	**731235**

MOELLER marine products

Fuel Pick-Ups

Aluminum fitting. 3/8" I.D. nylon tubing is chemical resistant. 24" long.

Part#	Description	Order#
MOE-033500-24	Threaded, 1/4 NPT	**749147**
MOE-033100-24	Poplock, 1/4 NPT	**746756**

Fuel Filter

Universal inline glass view fuel filter with 1/4", 5/16" and 3/8" barb in kit.
HM-FF2202 **Order# 169173**

Replacement filter
HM-FF2102 **Order# 169172**

3-Way & 4-Way Shut Off Valves

Made of forged brass. Comes with either 1/4" or 3/8" NPT female ports, and are used to connect two permanent tanks to a single motor. Selection of tank fuel withdrawal can be performed by rotation of valve handle. The detent in a valve allows exact location of port openings, providing maximum flow. 3 & 4-way valves provides for withdrawal from one tank at a time only.

Part#	Desc.	NPT	Order#
HM-FF5524	3-Way	1/4"	**169176**
HM-FF5523	3-Way	3/8"	**169175**
HM-FF5525	4-Way	1/4"	**169174**

Shut Off Valves

Constructed of brass, these valves provide anti-siphon protection. 1/4" pipe threads.

Part#	Type	Order#
HM-FF5520	Male & Female	**169180**
MOE-33301-10	Male & Male	**169179**
HM-FF5521	Female & Female	**169178**

MOELLER marine products

New Design Shut Off Valve

Convenient hose barb design. Made of forged brass with 1/4" NPT male port and 3/8" barb. Connects permanent tank to a single motor. MOE-33306-10
Order# 731238

CONBRACO Fuel Shut Off Valves

Bronze with stainless steel handle. Surface mount.

Part#	NPT	Order#
CNN-78-250-10	3/8"	**106124**
CNN-78-256-10	1/2"	**106125**
CNN-78-438-10	3/4"	**106126**

GROCO

Six-Port Fuel Valves

Used where 2 tanks supply a single engine, and a return to each supply tank is required. FV-61075 and FV-65038 have a "L" shaped flow pattern and 180-degree handle swing. The FV-61075-A has a "T" shaped flow flow pattern, 360° handle actuation, and allows simultaneous feed from 2 tanks.

Part#	Supply Line	Order#
GRO-FV-61075-A	1" T Shape	**764426**
GRO-FV-61075	1" L Shape	**749233**
GRO-FV-65038	1/2" L Shape	**730732**

Water Detecting Paste

Apply a thin layer on a dry stick and lower to tank bottom. A vivid purple color will indicate the presence of water.
2 oz jar. WFW-IPC61405 **Order# 735776**

PERKO

Adjustable Deck Plate Key

Chrome plated zinc alloy. Hardened steel pin, will fit up to 8" diameter. Overall length: 8.5"
PKO-826DPCHR **Order# 127222**

SEA-DOG LINE

Hinged Deck Plate Key

Satin finished bronze. Opens to a maximum of 6" and comes with two sizes of stainless steel pins, 3/16" and 5/16" allowing it to fit most plates or caps. If desired, you can add a lanyard. 7-3/4" overall length.
SD-335680-1 **Order# 732012**

Bronze Deck Plates

Part#	Opening	O.D.	Cutout	Flange Screw	Order#
PKO-526003PLB	3"	5-3/8"	–	10	**127138**
BKA-00DP400	4"	5-3/4"	4-3/8"	12	**103387**
BKA-00DP500	5"	7-3/8"	5-3/8"	12	**103389**
BKA-00DP600	6"	8-1/8"	6-1/2"	12	**103390**
BKA-00DP800	8"	101/2"	8-1/4"	3/16"	**103391**

SEA-DOG LINE

Stainless Steel Deck Plates

Part#	Opening	O.D.	Cutout	Flange Screw	Order#
SD-335653	3-1/4"	4-11/16"	3-5/16"	12	**754308**
SD-335654	4-3/16"	5-9/16"	4-1/4"	12	**754024**

Beckson

Screw-In Deck Plates

Designed to provide access without the use of tools, with a single start, non-jamming (no cross-thread), extra strong, self-cleaning buttress thread. Molded of high quality marine grade plastics.

Part#	Color	I.D.	O.D.	Cut Out	Order#
BEC-DP40WC	White/Clear	4"	6-1/8"	4-1/2"	**102989**
BEC-DP60W	White	6"	8-1/8"	6-1/2"	**156071**
BEC-DP80WC	White/Clear	8"	10"	8-1/2"	**740640**

SEA-DOG LINE

8" Deck Plate

Injection Molded ABS/Polycarbonate.
Smooth quarter turn. Takes #8 FH. White.
SD-336180-1 **Order# 744312**

SEA-DOG LINE

Screw Out Deck Plate With Clear Cover

Injection-molded ABS/Polycarbonate. Clear lid. Use silicone sealant on hull or deck surface when installing. Lubricate with Teflon grease or Vaseline and clean with hot soapy water. Avoid contact with acetone or strong solvents.

Part#	Color	Screw Out	Cut Out	Size Overall	Order#
SD-337141-1	White	4"	4-1/2"	5-3/4"	**143606**
SD-337146-1	Black	4"	4-1/2"	5-3/4"	**144456**
SD-337161-1	White	6"	6-1/2"	8-1/8"	**144457**
SD-337166-1	Black	6"	6-1/2"	8-1/8"	**144459**

316 Stainless Steel Deck Fills

1-1/2" I.D. hose. Includes chain, cap and key. Waste set does not include chain.

Type	Order#
Gas	**130317**
Diesel	**130318**
Water	**130319**
Waste	**130320**

Stainless Steel Push-Up Deck Fill

Eliminates need for key to open/close fills. Large easy to open Push-Up tab. Non-skid knurled surface on tab for positive grip. Positive sealing closure prevents water/dirt from entering tank. Patented Push-Up mechanism locks tab in open and closed position. High polish finish. Flush to deck when locked closed. 3" flange, hose size: 1-1/2", uses 3 #10 fasteners.

Part#	Type	Chain	Order#
WTC-6993	Gas	Yes	**157624**
WTC-6994	Diesel	Yes	**157625**
WTC-6995	Water	Yes	**157626**
WTC-6996	Waste	No	**157627**

PERKO

Gas Fill Deck Plate

Chrome plated zinc alloy, black plastic flange, and black plastic cap with strap. Ground screw included. Cap retainer and gasket. Locking cap has a cover for the key hole. For hose size: 1-1/2". O.D. flange: 3-1/8". Length of Neck: 1-7/8". Mounting Hole Dia.: 2-1/8".
PKO-1399DPCHR **Order# 126868**

SEA-DOG LINE

Deck fill With Guard

Cast 316 Stainless Steel.Top screw (#10) mounting for 1-1/2" hose. Extends 2-3/16" below deck. Cap includes attachment chain.

Part#	Desc.	Order#
SD-351340	Gas	**147208**
SD-351393-1	Replac. Cap	**147209**

SEA-DOG LINE

Deck Plates

316 Stainless Steel. Tapered flange. Slotted cap. Threaded for 1-1/2" pipe. Cap chain included. Use # 10 fasteners.*Waste deck plate does NOT include cap chain.

Part#	Desc.	Order#
SD-351350	Gas	**140281**
SD-351351	Diesel	**147212**
SD-351352	Water	**147213**
SD-351353	Waste*	**147214**
SD-351391-1	Replacement Cap	**147210**
SD-0P35701	Replacement O-Ring	**168519**

Pipe Deck Plate with "O" Ring Seal

BUCK ALGONQUIN

Cast Bronze. Furnished with beaded chain, cap, and spanner key.

Part#	Type	Pipe Size	Shank O.D.	Flange Dia.	Order#
BKA-00PDP150-D	Diesel	1-1/2"	2-1/8"	3-3/4"	**103468**
BKA-00PDP150-F	Fuel	1-1/2"	2-1/8"	3-3/4"	**103469**
BKA-00PDP150-G	Gas	1-1/2"	2-1/8"	3-3/4"	**103470**
BKA-00PDP150-H	Water	1-1/2"	2-1/8"	3-3/4"	**103471**
BKA-00PDP150-W	Waste	1-1/2"	2-1/8"	3-3/4"	**103472**
BKA-00PDP200	Plain	2"	2-7/8"	4-5/8"	**103473**

Gas Deck Fill with 30º Hose Angle

Highly polished 316 stainless steel. This angled deck fill provides a solution for those special installation requirements. Flange: 3", Hose: 1-1/2". Includes key and chain and takes three #10 fasteners. WTC-6123A
Order# 732738

Bilge Blowers

PENTAIR

SHURFLO

6 blades.
3" 120 CFM
4" 220 CFM

Part#	Size	Order#
SHU-2773110	3"	**173529**
SHU-2774110	4"	**173530**

JABSCO
a xylem brand

12V 3" Flange Mount 105 CFM
4.4 Amp
JAB-35115-0020
Order# 120384

12V 3" Flexmount
105 CFM 4.3 Amp
JAB-35515-0010
Order# 120395

rule

Inline bilge blowers.
Water and corrosion resistant.

Size	CFM	Order#
3"	140	**145887**
4"	240	**145888**

Nicro Marine
Solar Powered Vents

All Day/Night PLUS models come complete with two fan blades, white plastic interior trim ring, insect screen, mounting hardware and an easy-to-understand installation manual. Rechargeable battery allows for 24-hour continuous operation, no wiring required.

Part#	Finish	Size	Order#
NF-20703W	White	3"	**732033**
NF-20703S	S/S	3"	**732032**
NF-20704S	S/S	4"	**731172**

Nicro Marine
3" Snap-in Deluxe Low Profile PVC Cowl Vent

The perfect air intake supplement to solar ventilation. Soft and durable PVC, it returns to its original shape if stepped on and resists snagging deck lines. White with bright red interior. Includes white Snap-In deck plate and cover. 4-1/2" H.
NF-10863 **Order# 125176**

Beckson

Vent with Hose Adapter

White ABS vent cap with vent hose adapter that mounts to the deck. Vent snaps into place on adapter.

Part#	Hose	Order#
BEC-C7	3"	**102966**
BEC-C8	4"	**102967**

Ventilation Hose Adapters

For attaching vent hose to deck. For use with Beckson "C" series vents.

Part#	Order#	Hose
BEC-SA-3	**103041**	3"
BEC-SA-4	**103042**	4"

Louvered Ventilators

316 Stainless Steel

Three Louvers 4-1/8"W x 8-1/8"L x 1"D. Flange 7/16". SD-331300 **Order# 142726**

Five Louvers 12-7/8"L x 4-1/2"W x 1"D. Flange 7/16". SD-331290 **Order# 142725**

Zebra Ventilators

Plastic. Cutout 16" L x 1-7/8"W.

Part#	Color	Order#
MT-0458-B	Black	**124097**
MT-0458-W	White	**151463**

Louvered Ventilators

Plastic. 17-1/4"L x 2-1/2"W x 1-1/2"D

Part#	Color	Order#
MT-0446-B	Black	**124084**
MT-0446-W	White	**124086**

Stainless Steel Midget Clam Shell Vents

Size	Order#
1-5/8" x 1-3/4"	**142727**
2-1/4" x 2-1/8"	**142728**

SEA-DOG LINE

Stainless Steel Round Louvered Vents

Part#	Size	Order#
SD-331424	4"	**142730**
SD-331425	5"	**142731**

SEA-DOG LINE

Stamped Stainless Steel Louvered Vents

H x W	Style	Order#
2-5/8" x 5"	Horiz.	**143392**
4-5/8" x 5"	Horiz.	**142729**
4-5/8" x 9-1/8"	Horiz.	**143393**
9" x 5"	Vertical	**143394**

vetus

Louvered Air Suction Vents

The frame is made of polished anodized aluminum and the grills of naturally anodized aluminum. Without dorade box. The model numbers in the table refer to the engine horsepower for which they are suitable.
VET-ASV

Model#	Size	Cutout	Order#
ASV040A	17-3/4 x 5-1/8"	16-15/16" x 4-3/8"	**135662**
ASV050A	19-5/16" x 5-3/4"	18-1/2" x 5"	**135663**
ASV100A	28-3/4" x 6-3/4"	28" x 6"	**135669**

MOELLER marine products

Thru-Hull Vents

Chrome Plated Brass. For use with 5/8" I.D. vent hose and accomodates hulls up to 1/2" thick.
Straight MOE-35732-10
Order# 170535

90° Elbow MOE-33201-10
Order# 170536

SEA-DOG LINE

Gas Tank Vent

Chrome Plated Brass
Two 3/8" vent holes. Monel flame arrester screen for hulls up to 1/2" thick. Use with 5/8" I.D. hose.
Straight: SD-352010
Order# 142736

90° Elbow: SD-352030
Order# 142738

SEA-DOG LINE

Flush Mount Gas Tank Vent

316 Cast Stainless. 3"L x 1-13/16"W. Use with 5/8" I.D. hose. SD-353210-1
Order# 168986

SEA-DOG LINE

90° Flush Mount Gas Tank Vent

Same as above w/90° elbow.
SD-353230-1
Order# 168987

SPARTAN MARINE

Tank Vent

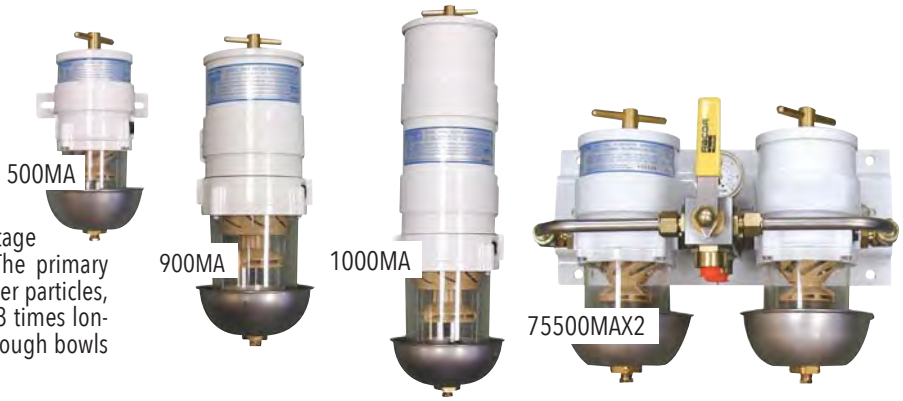
90° elbow when tank hose requires an indirect lead. Plain bronze. SPT-A-112
Order# 131535

Racor has the only Marine UL Listed and U.S. Coast Guard accepted Fuel Filter/Water Separators with a see-through bowl.

RACOR

Turbine Fuel Filters

Get the water out and the dirt, too! Racor's unique, three-stage filtration system cleans your fuel efficiently and reliably. The primary centrifugal turbine-action removes virtually all water and larger particles, increasing the effective life of the replaceable element 2 to 3 times longer than standard spin-on filters. Diesel units include see-through bowls providing visual warning of fuel contamination.



Part#	Fuel	Type	Max Flow	Height	Width	Depth	Weight	Port	Element	Order#
RAC-0500MA2	Diesel	Single	60 GPH	13"	6"	6"	4 lbs	3/4"x16	RAC-2010	**127775**
RAC-0900MA2	Diesel	Single	90 GPH	17"	6"	7"	6 lbs	7/8"x14	RAC-2040	**127779**
RAC-1000MA2	Diesel	Single	180 GPH	22"	6"	7"	10 lbs	7/8"x14	RAC-2020	**127782**
RAC-75500MAX2	Diesel	Double	120 GPH	11.25"	14.5"	9.5"	17 lbs	3/4"x16	RAC-2010	**127826**
RAC-75900MAX2	Diesel	Double	180 GPH	17"	16"	10"	23 lbs	3/4" NPT	RAC-2040	**127827**
RAC-751000MAX2	Diesel	Double	360 GPH	22"	18.75"	11"	17 lbs	7/8"x14	RAC-2020	**127824**

RACOR

Spin-On Fuel Filters

Get the water out and the dirt, too! Multi-stage protection, water separation and fuel filtration in a compact size. Service is fast and easy. See-through bowls (except on the RAC-0110 and 320RRAC02), powerful integral primer pumps, water-sensors, aquabloc media and a single positive-seal drain.

Part#	Fuel	Max Flow	Height	Width	Depth	Weight	Port	Element	Order#
RAC-0110	Gas/Diesel	35/15 GPH	6"	3.2"	3.15"	1.3 lbs	1/4" NPT	RAC-R11	**127766**
RAC-0120AS	Diesel	15 GPH	7.25"	3.2"	3.2"	1.3 lbs	1/4" NPT	RAC-R12S	**127767**
RAC-0230R2	Diesel	30 GPH	9"	4"	4"	2 lbs	1/4" NPT	RAC-R20T	**167581**
RAC-0245R2	Diesel	45 GPH	10.5"	4"	4"	2.2 lbs	1/4" NPT	RAC-R25T	**167580**
RAC-320RRAC01	Gas (OB only)	60 GPH	9"	4"	4"	1.1 lbs	1/4" NPT	RAC-S3227	**127814**
RAC-320RRAC02	Gas (IB/OB)	60 GPH	9.3"	4"	4"	1.1 lbs	1/4" NPT	RAC-S3228TUL	**127815**
RAC-B32013	Gas	60 GPH	7.2"	3.8"	3.8"	1 lbs	11/16"-16	RAC-S3213	**171259**

RACOR

T-Handle Vacuum Gauge Kit

Monitor the efficiency of your filter element at a glance. Fits 900 and 1000 series. Includes T-Handle, gauge and lid fitting.
RAC-RK11-1669 **Order# 127886**

RACOR

Stainless Steel T-Handle Vacuum Gauge Kit

Fits all 500, 900 and 1000 Turbine Series fuel filter/water separators, including UL marine listed models (MA versions). It is very strong, and allows installation of a vacuum gauge in the top of the filter while still maintaining the convenient T-handle function for element changeouts.
RAC-RK23284 **Order# 761661**

Straight

Straight thread with O-ring to female pipe NPT.

Part#	Thread #1	Female NPT	Order#
RAC-9040-6-6	9/16"-18	3/8"-18	**127847**
RAC-911-08-F6	3/4"-18	3/8"-18	**127849**
RAC-911-010-F8	7/8"-14	1/2"-14	**127848**

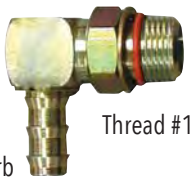
Elbows

Straight thread with O-ring to male.

Part#	Thread #1	Thread #2	Tube	Order#
RAC-2503-10-8	7/8"-14	3/4"-16	1/2"	**168572**

Elbow

Straight thread with O-ring to male barb.



Part#	Thread #1	Barb	Hose	Order#
RAC-913-08-H6	3/4"-16	.45"	3/8"	**127854**
RAC-913-010-H6	7/8"-14	.45"	3/8"	**127851**
RAC-913-010-H8	7/8"-14	.45"	1/2"	**127852**

RACOR® Replacement Elements

Model	Part#	Microns	Order#
200	RAC-2000SM-OR	2	**127800**
	RAC-2000TM-OR	10	**140524**
	RAC-2000PM-OR	30	**168554**
500	RAC-2010SM-OR	2	**127803**
	RAC-2010TM-OR	10	**127804**
	RAC-2010PM-OR	30	**127802**
900	RAC-2040N-02	2	**759778**
	RAC-2040N-10	10	**759779**
	RAC-2040N-30	30	**759780**
1000	RAC-2020N-02	2	**759775**
	RAC-2020N-10	10	**759776**
	RAC-2020N-30	30	**759777**
110	RAC-R11T	10	**127867**
120	RAC-R12S	2	**127861**
120A	RAC-R12T	10	**155600**
120R-RAC-01	RAC-S3240	10	**155971**
215	RAC-R15S	2	**146979**
	RAC-R15T	10	**168602**
220	RAC-R24S	2	**127864**
	RAC-R24P	30	**148895**
220R	RAC-R24T	10	**127869**
225	RAC-R26S	2	**127866**
	RAC-R26T	10	**127871**
230	RAC-R20S	2	**161856**
	RAC-R20T	10	**127863**
230R	RAC-R20P	30	**144815**
245	RAC-R25S	2	**163828**
	RAC-R25T	10	**169239**
B32013	RAC-S3213	10	**127926**
320RRAC01	RAC-S3227	10	**127930**
320RRAC02	RAC-S3228TUL	10	**739916**
B32020MAM	RAC-S3220UL	10	**127928**
490MAM/4120MAM	RAC-S3201PUL	30	**169818**

RACOR® Fuel Filter Funnel

For filtering fuels such as gasoline or diesel. Widely used as a means to pre filter while fueling. Heavy duty, fast flow. Separates damaging free water and contaminates from gas, diesel, heating oil, and kerosene. PTFE coated stainless steel filter. Elctro-conductive plastic material. Corrosion resistant.

Part#	H x Dia	GPM	Order#
RAC-RFF3C	9" x 5.5"	3.5	**155804**
RAC-RFF15C	10" x 8.5"	12	**169979**

2-Piece Flexible Funnel

A multi-purpose two-piece funnel with 12" detachable flexible spout. The funnel includes an easy grip handle. 15" overall length, 6" diameter with 3/4" OD tip.
LUM-11922 **Order# 121780**

3-Piece Funnel Set

Includes 1/2 pint, 1 pint and 2 pint plastic funnels. Colors may vary. LUM-11924
Order# 121781

For oil and oil filters
See page 278

QUICKSILVER Water Separating Fuel Filter

25 microns. Metal shell is over 50% thicker than conventional filters. Durable paint finish resists corrosion. Fits all Mercury, Mariner and Force outboards. Fits all MerCruiser except 1992 4.3L Generation II engines.
MER-35-80289Q1 **Order# 728301**

Sterndrive & Inboard Oil Filter

Metal shell is over 50% thicker than conventional filters. Durable paint finish resists corrosion. Designed to fit all MCM/MIE GM engines except for V-6 engines without a remote oil filter.
Order# 728299

RACOR® ParFit Fuel Filter/Water Separator

10 micron. For most inboard, outboard, two and four cycle gasoline engines. Replaces standard filters in all of the most popular marine gasoline engine applications: Mercury, Mercruiser, Yamaha, Suzuki, Honda, Tohatsu and others. 4-1/4" dia. x 4-1/4" tall. Tested to SAE standards. Treated inside and out with highly corrosion resistant coatings to eliminate rust-through.
RAC-PFF5510 **Order# 732800**

Sierra

Water Separating Fuel Filter

Replaces Crusader 98041, OMC 502905. 10 micron.
SIE-18-7946 **Order# 735778**

High Performance Water Separating Fuel Filter

Replaces Yamaha style. 10 micron.
SIE-18-7866 **Order# 732751**

Water Separating Fuel Filter Kit

Improves engine performance and dependability. Helps prevent costly repairs by removing up to 98.8% of all contaminants from the fuel, both water and particulates. Engineered for safe, dependable use on all makes of 2 and 4 cycle gasoline engines. Powder coated outside, epoxy coated inside for corrosion protection. Kit Includes: bracket, filter and two (2) pipe plugs.

Size	Bracket Material	Order#
1/4" Pipe Plug	Aluminum	**751757**
Replacement Filter, 10 Micron (Mercury 35-802893Q, Long)		**751756**
1/4" Pipe Plug	Stainless Steel	**751758**
Replacement Filter, 10 micron (OMC 502906, Volvo VOLVO 3851218-2)		**729453**
3/8" Pipe Plug	Stainless Steel	**751759**
Replacement Filter, 10 micron (Mercury 35-802893A4, Short)		**751755**
Replacement Filter, 21 micron (Mercury 35-60494, Long)		**101922**

Parker Racor

SNAPP™ Marine Fuel Filter/Water Separators

Compact, quick service filter with premium filtration capabilities. The patented bracket system and quick connect fittings make element change-outs both easy and tool free. At just four inches wide with 2 to 2-1/2 inch bolt spacing, the SNAPP™ filter and bracket fits anywhere and protects everywhere.

Fuel/Water Separator
Replacement Element

Microns	Fuel/Water Separator	Replacment Element
2	**761816**	**761819**
10	**761817** N	**761820**
30	**761818**	**761821**

CMP GLOBAL CAMP

Anodes For OMC Outdrives

HMZ-367

HMZ-123009

Part#	Weight	Order#
HMZ-367	15 oz	**118792**
HMZ-123009	3 oz	**118786**

Marine Engine Anodes

Part#	Zinc Length	Zinc Dia.	Zinc Plug	Order#
HMZ-E-00	2"	1/4"	no plug	**118840**
HMZ-E-00-C	2"	1/4"	1/8"	**118841**
HMZ-E-0-C	1-3/4"	3/8"	1/4"	**118839**
HMZ-E-0	1-3/4"	3/8"	no plug	**118838**
HMZ-E-1-C	2"	1/2"	3/8"	**118843**
HMZ-E-1	2"	1/2"	no plug	**118842**
HMZ-E-1E-C	1-1/2"	1/2"	3/8"	**740411**
HMZ-E-1H	1-5/8"	1/2"	no plug	**118844**
HMZ-E-1H-C	1-5/8"	1/2"	3/8"	**118845**
HMZ-E-2-C	2"	5/8"	1/2"	**118847**
HMZ-E-2	2"	5/8"	no plug	**118846**
HMZ-E-3	2"	3/4"	no plug	**118848**
HMZ-E-3-C	2"	3/4"	3/4"	**118849**
HMZ-E-4-C	3-3/8"	3/4"	3/4"	**118851**
HMZ-E-5-C	3-5/8"	3/4"	3/4"	**118853**

N1 Hull Zincs

N1

New!

N1 HD

Double weight Lasts twice as long!

Grounding Plate:
Thru-hull stud provides easy bonding connection.
9-3/4" x 4-1/2".

Description	Order#
N1 Zinc	**118937**
N1 Double Weight Zinc	**765828**
N1 Kit includes Plate, N1 Zinc Anode, Bolt, Nut & Washers	**118935**
Plate Only	**118936**
Bolt Kit Only	**173068**

For additional fastening, plate is bored for two 5/16" machine screws or #18 screws, which must be ordered separately.

N1 Aluminum Hull Anode

This is Aluminum, NOT zinc.
HMZ-N1A
Order# 171575

N1A

Divers Plates

DP1

Dimensions	Hole	Max Weight	Order#
6-1/4" x 2-3/4" x 3/4"	1/2"	2 lbs	**118934**
12" x 6" x 1/2"	1/2"	8.3 lbs	**118902**

Weld-on Zinc

ZSS-12

3" x 12" x 1-1/4". 11.8 lbs.
Order# 118903

Weld-on Zinc

ZHS-23

6" x 12" x 1-1/4". 23.5 lbs.
Order# 118905

Bolt-on Zinc

ZHC-23

6" x 12" x 1-1/4". 23.5 lbs.
Order# 118906

Teardrop Weld-on Zinc

W-6

9"L x 3"W
HMZ-W-6
Order# 118918

Pacemaker Hull Zinc

B-12 or 406

9" x 4-5/8" x 1". 7.5 Lbs.
HMZ-CMMZC406 **Order# 742868**

M-24

M-30

M-25

M-40

Hull Plate Anodes

Part#	Length	Width	Weight	Order#
HMZ-M-24	4-3/4"	2"	13 oz	**118871**
HMZ-M-25	9-1/4"	3-3/8"	43 oz	**118872**
HMZ-M-30	6-1/4"	2-3/4"	31 oz	**118873**
HMZ-M-40	7-1/2"	2-3/4"	32 oz	**118874**

Teardrop Anodes for Hulls

Part#	Length	Weight	Order#
HMZ-T-20	3-1/2"	7 oz	**118900**
HMZ-T-21	5-1/4"	16 oz	**118901**

Cast Zinc Plates

Not Bendable
No Holes

Part#	Dimensions	Weight	Order#
HMZ-ZP19	3" x 3" x 1/2"	1.3lbs	**162990**
HMZ-ZP21	6" x 3" x 1/2"	2.2lbs	**161363**
HMZ-ZP2	12" x 6" x 1/2"	9.5lbs	**147898**

CAMP MARINE CORROSION CONTROL

CMP GLOBAL

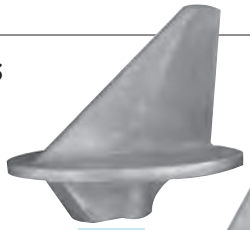
Donut Shaft Anodes

Part#	Shaft Size	Order#
HMZ-C-1	3/4"	**118814**
HMZ-C-2	7/8"	**118821**
HMZ-C-3	1"	**118822**
HMZ-C-4	1-1/8"	**118823**
HMZ-C-5	1-1/4"	**118824**
HMZ-C-6	1-3/8"	**118825**
HMZ-C-7	1-1/2"	**118826**
HMZ-C-8	1-3/4"	**118827**
HMZ-C-9	2" x 3-1/2"	**118828**
HMZ-C-10	2" x 4"	**118815**
HMZ-C-11	2-1/4"	**118816**
HMZ-C-12	2-1/2"	**118817**
HMZ-C-12A	2-3/4"	**147053**
HMZ-C-13	3"	**118818**
HMZ-C-14	3-1/2"	**118819**
HMZ-C-15	4"	**118820**

Zinc Anodes for Mercury Outdrives

C55989

34762



31640

34127

Part#	Weight	Order#
HMZ-C55989	4 oz	**118832**
HMZ-34762	9 oz	**118790**
HMZ-31640	17 oz	**118787**
HMZ-34127	28 oz	**118789**

Streamlined Shaft Anodes

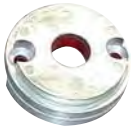
Part#	Shaft Size	Order#
HMZ-X-1	3/4"	**118919**
HMZ-X-2	7/8"	**118923**
HMZ-X-3	1"	**118924**
HMZ-X-4	1.13"	**118925**
HMZ-X-5A	1-1/4"	**118926**
HMZ-X-6	1 3/8"	**118927**
HMZ-X-7	1-1/2"	**118928**
HMZ-X-8	1-3/4"	**118929**
HMZ-X-9	2"	**118930**
HMZ-X-11	2-1/2"	**118921**

Rudder Anodes

Part#	Diameter	Order#
HMZ-R-1	1-7/8"	**118894**
HMZ-R-2	2-13/16"	**118895**
HMZ-R-3	3-3/4"	**118896**
HMZ-R-4	5"	**118897**
HMZ-R-5	5-1/8"	**118898**
HMZ-R-7	6-1/2"	**118899**

vetus

Bow Thruster Zincs

A 
B
C
D

Part#	Fits Bow Thruster	Order#
A. VET-SET0148	Bow 25KGF	**163761**
B. VET-SET0149	Bow 35/55KGF	**728419**
C. VET-SET0150	Bow 60/75/80/95KGF	**163762**
D. VET-SET0151	Bow 125/130/160KGF	**163763**
E. VET-SET0152	Bow 220/285KGF	**736194** N
F. VET-SET0153	Bow 23/45/OLD50/80KGF	**135676**

E
F

Keel Coolers

HMZ-KC-X-45-3
Order# 118860

HMZ-KC-X-58-3
Order# 118864

Fits 4 tubes 1", 1-1/4", 2" ends
HMZ-KC-X-47-3 **Order# 118861**

Fits 1/2", 3/4", 1" Single Stem and 1-1/4" and 1-1/2" Double Stem 4 tube 1 - 1 -1/8" fluted. HMZ-KC-Z-1
Order# 118867

Fits 1-1/4" and 1-1/2", 1" Single Stem and 2-1/2" Double Stem 4 tube 1-1/2" turbo tube. HMZ-KC-Z-2 **Order# 118868**

Fits 2", 2-1/2", 3", 4" Single Stem and 3" and 4" Double Stem
HMZ-KC-Z-3 **Order# 118870**

Propeller Zinc and Nut

Complete unit consists of zinc and bronze nut

Part#	Unit Part	Thread	Shaft	O.D.	Zinc Size	Order#
HMZ-P-AN	Nut	1/2" NC 13	3/4"	1-1/4"	A	**118879**
HMZ-P-AA	Zinc	–	3/4"	1-1/4"	A	**118878**
HMZ-P-BN	Nut	5/8" NC 11	7/8"	1-5/8"	B	**118881**
HMZ-P-BB	Zinc	–	7/8"	1-5/8"	B	**118880**
HMZ-P-CN	Nut	3/4" NC 10	1"-1-1/8"	2"	C	**118883**
HMZ-P-CC	Zinc	–	1"-1-1/8"	2"	C	**118882**
HMZ-P-DN	Nut	7/8" NC 9	1-1/4"	2-5/16"	D	**118885**
HMZ-P-DD	Zinc	–	1-1/4"	2-5/16"	D	**118884**
HMZ-P-FN	Nut	1.125" NC 7	1-1/2"	2-3/4"	F	**118889**
HMZ-P-FF	Zinc	–	1-1/2"	2-3/4"	F	**118888**
HMZ-P-GN	Nut	1.25" NC 7	1-3/4"	3-1/8"	G	**118891**
HMZ-P-GG	Zinc	–	1-3/4"	3-1/8"	G	**118890**
HMZ-P-HN	Nut	1.5" NC 6	2"	3-3/8"	H	**118893**
HMZ-P-HH	Zinc	–	2"	3-3/8"	H	**118892**

Socket Screw and Star Washer

For propeller zinc and nut

For Zinc	Size	Screw	Washer
HMZ-P-A & HMZ-P-B	1/4-20 x 1/2"	**167585**	**171773**
HMZ-P-C, HMZ-P-D, HMZ-P-E & HMZ-P-F	5/16-18 x 3/4"	**731899**	**149038**
HMZ-P-G & HMZ-P-H	3/8-16 x 1"	**110708**	**167586**

KOBELT

REGULAR DUTY

Kobelt 2015 Series Control

KOB-2015DKU

Comes with a 5 year mechanical warranty! Made of corrosion-free die cast silicon bronze and stainless steel hardware. Dome removes for easy cable installation and adjustment. Independent friction and detent are adjustable and removable. 3" stroke, suitable for 33C or 43C cables. Large center bearing for longer life.

NOTE: Cable adapters sold by the each. Two adapters required for single station control, six for dual station.

Part#	Description	Order#
KOB-2015AK	Long & Short T-Handle	**120870**
KOB-2015DK	Twin T-Handle Control	**120871**
KOB-2015DKU	Curved with Knobs	**120872**
KOB-2015-0901	33 Cable Adapter	**120867**
KOB-2015-0902	43 Cable Adapter	**120868**
KOB-2015-0903	Neutral Safety Switch	**120869**

KOBELT

HEAVY DUTY

KOB-2009AK

Kobelt 2009 Series Heavy Duty Control

Comes with a 5 year mechanical warranty! Uses 33C or 43C cables. Cable adapters sold by the each. Two adapters are required per single station control, six for dual station.

Part#	Description	Order#
KOB-2009AK	Long & Short T-Handle	**120859**
KOB-2009DK	Twin T-Handle	**120860**
KOB-2009DKU	Curved with Knobs	**120861**
KOB-2009-0903	Neutral Safety Switch	**120856**
KOB-2009-0901	33 Cable Adapter	**760701**
KOB-2009-0902	43 Cable Adapter	**120846**

For additional adapters, see page 235

SEASTAR SOLUTIONS

Twin "S" Dual Lever Control

Comes with 33C connectors

Single function control, use in inboard engine applications. Highly polished corrosion-resistant chrome-plated brass covers. Built in friction drag prevents slippage. Uses 33C, 33C-Supreme and 3300 control cables.

Part#	Description	Order#
TEL-CH5200P	Twin-S-Control	**735916**
TEL-039489-002	33C Connector	**123980**
TEL-042152	43C Connector	**123982**
TEL-22328	Shift Detent Kit	**123829**

ROCKPOINT MARINE

Twin Lever Control

Chrome plated brass single engine control with separate levers for throttle and clutch. Red and black knobs. Includes brass adapters for 33C control cables, shims and cable clamps.

HM-CONTROLTWIN
Order# 729343

SEASTAR SOLUTIONS

Twin "SR" Dual Lever Control

Single function two lever control box. Removable stainless steel cover enables easy access to the control mechanism. Adjustable brakes and stops. Recommended for single and dual station applications, uses 33C, 33C-Supreme and 3300 control cables. Includes 33C adapters. TEL-CH5400P **Order# 735919**

SEASTAR SOLUTIONS

Twin "S" Single Lever Control

Single function control. Use in inboard engine applications. Highly polished corrosion-resistant chrome-plated brass covers. Uses 33C, 33C-Supreme and 3300 control cables. TEL-CH5210P **Order# 735918**

Dual Function, Single Lever Controls

Kobelt

KOBELT

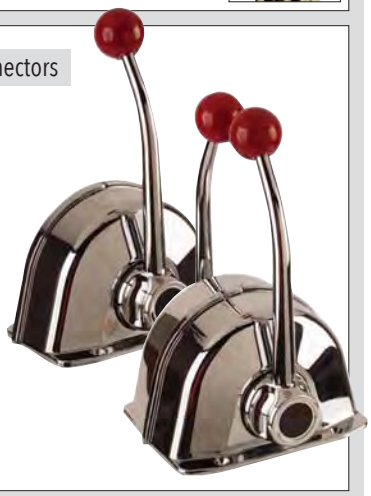
Dual-function, single-lever control
Kobelt brings its proven engineering and quality design to these handsome, rugged single lever controls. Stainless steel, brass and bronze construction. Pull out throttle for engine warm-up. Uses 33C or 43C cables. Available with curved-knob or "T" handle.

Part#	Handle	Description	Order#
KOB-2046KU	Curved w/Knob	Single Engine	**120886**
KOB-2046KY	T-Handle	Single Engine	**120887**
KOB-2046-0901	33c Adapters		**120879**
KOB-2046-0902	43c Adapters		**120880**

SEASTAR SOLUTIONS

Comes with 33C connectors

MT3 Top Mount Controls



World's most popular classic design, dual action, top mount controls. Chrome finish, available in single or twin engine versions. Dual action (throttle and shift in one lever). Sturdy control provides one-handed positive engine control. Neutral warm-up is done by pulling out the hand levers in the neutral position. Built-in friction drag helps reduce slippage and throttle creep while underway. **Includes hardware for 3300/33C control cables.** Single Lever may use 4300 series control cable with hardware kit.

Part#	Type	Order#
TEL-CH5310P	Single	**735920**
TEL-CH5300P	Twin	**735921**

SEASTAR SOLUTIONS

ST Control

Single function, single lever control simple, trouble free design. Durable heavy chrome finish. Simple rugged compact design. Takes 33C or 43C type cable.
TEL-CH2400P **Order# 735915**

SEA-DOG LINE

Stainless Steel Single Lever Control

Single function. Uses 33C series cables. 316 Stainless Steel. Outside flange 5-1/4" x 3-1/4".
SD-232350 **Order# 743656**

KOBELT

Kobelt Heavy Duty Side Mount Control

Dual-function, single-lever control
Made from die cast silicon bronze with stainless steel hardware, these controls are intended for the discriminating boat owner who is looking for durability and performance. The control handle has a long arc of rotation, giving a good feel over both clutch and throttle. Functions in 90° increments, a total of 180°. Includes a clutch override button to run the engine without engaging the gear. Uses 33C and 43C cables.
KOB-2042K **Order# 120876**

vetus

Single Lever Dual Function Controls

Designed for side mounting. The push-pull cables may be installed both horizontally and vertically. All stainless steel handles are provided with a red knob. Dimensions: 5-25/32"L x 5"W x 3"H x 7-7/8" handle length. Mechanism length: 9-19/32" from center.

Part#	Description	Order#
VET-SICO	Black Plastic Housing	**177011**
VET-SISCO	Stainless Steel Housing	**176914**

SEASTAR SOLUTIONS

CH2100P Side Mount Sail Control

Single lever, dual action for throttle and shift. Surface mount design for quick, tidy installation. Neutral warm up capability. Includes hardware for two 33C type cables. Positive shift detents and neutral lock-out. Compact construction for sailboats and other applications where space is at a premium. Drop-in replacement for NW, Onan, TX, Vetus, Volvo and other controls.
TEL-CH2100P **Order# 152712**

KOBELT

Single Handle Heavy Duty Mechanical Control

A solid bronze and stainless steel control head that can be used for either single or twin engine configurations. Single handle to perform a single function. Takes 33 or 43 series cables.
KOB-2003KN **Order# 759675**

Hamilton Marine is a Full Line Vetus Distributor

vetus

12v Electric Bow Thrusters

Extremely quiet operation. A single propeller creates less flow disturbance in the tunnel. Unique propeller blade design minimizes cavitation noise. Spiral gears minimize transmission noise. Flexible coupling between tail piece and motor eliminates vibration. Streamlined tail piece for optimum flow. A strong synthetic propeller eliminates corrosion and reduces weight. Easy to install. Features a new line of high quality aluminium control panels which are interchangeable with older panels. Meets EMC requirements.

Part#	Thrust (lbs/ft)	Internal Tunnel Dia.	Order#
VET-BOW2512D	55	4-11/32"	**757081** N
VET-BOW3512D	77	5-29/32"	**757082** N
VET-BOW5512D	121	5-29/32"	**757075**
VET-BOW6012D	132	7-9/32"	**757077** N

Control Panels for Bow and Stern Thrusters

	Part#	Description	Order#
1.	VET-BPSE2	Bow thruster touch panel	**169288**
2.	VET-BPJE2	Bow thruster panel with joy-stick	**175615**
3.	VET-BPSR	Bow thruster round control panel	**757074** N

Bow Thruster Tunnels

High quality tunnel for VETUS bow thrusters, made from glass fiber reinforced polyester.

Part#	Size	Order#
VET-BP150G10	5-29/32" x 40"	**175616**
VET-BP185G15	7-9/32" x 60"	**761266**

Basic Components of a Thruster System

Thruster
Control
Harness

Fuse & Fuse Block
Time Delay (optional)
Thruster Tunnel

Please visit:
https://www.hamiltonmarine.com/bowthruster/
For a complete guide on how to choose the correct Bow & Stern Thruster

Dash Mounted Electric Fuel Gauge

Calibrated to 35-240 Ohms.
MOE-35727-10 **Order# 170548**

'Heavy Duty Series' Instruments

A classic line for inboards. Great for commercial boats. Classic white graphics, black face. Low profile, polished stainless steel base. Perimeter lighting.

Description	Order#
Ammeter, 60-0-60, 12-24 VDC, 2"	149728
Fuel Gauge, E-1/2-F, 2"	149727
Hourmeter, 12-24 VDC, 2"	149729
Oil Pressure, 0-80 psi, 2"	149732
Tachometer, Elec, Diesel Alt, 3.5K, 3.5"	149733
Tachometer, Elec, O/B Alt and 4-Cycle Gas, 6K, 3"	149734
Voltmeter 10-16, 2"	149736
Water Temp, 120-240°, Black, 2"	149735

'Amega® Domed Series'

Clean-looking black dials with vivid white and red graphics. These instruments have through-dial and perimeter lighting for great readability and offer a comprehensive array of outboard water pressure instrument kits.

Description	Order#
Tach/Hr. O/B Alt and 4-Cycle Gas, 7k rpm, 3"	734338
Speedo Kit, 65 MPH, 3"	170314
Voltmeter, 8-18 vdc, 2"	167167
Fuel, E-1/2-F, 2"	170312
Oil Pressure, 2-80 psi, 2"	167166
Water Temp, Stern Drive/IB, 2"	167165
Hourmeter, 12-24 VDC, 2"	170313

'Arctic' Series

Stylish white bezel design, black on white graphics, accurate and reliable, these tough instruments look good on all types of boats. Domed glass sheds water and resists scratching.

Description	Order#
Ammeter, 60-0-60, 2"	734349 N
Fuel Gauge, E-1/2 -F, 2"	734350
Hourmeter12-24 VDC, 2"	734351
Oil Pressure, 0-80 psi, 2"	734352
Tachometer, Elec, Gas, 7k rpm, 3"	751819
Tachometer, Elec, Diesel, 4k rpm, 3"	751820
Water Temp, IO/IB, 120-240°, 2"	751821
Voltmeter, 8-18 VDC, 2"	751822

xtreme Control Cables

With its unique splined core, TFXtreme delivers unparalled smoothness and efficiency - with hardly any lost motion - even in the longest and most complex cable routings. This gives superior feel at the control, performance that until now was considered impossible.

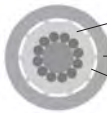
- Core has 10 contact points
- Minimal contact with liner
- Tighter tolerances
- Superior feel and response

CCX633

CCX433

How to Measure a Control Cable:
End to End = Total Length

cross section view



CCX633 *33C Xtreme Series*

TEL-CCX633

Length	Order#
6'	152988
7'	152989
8'	152990
9'	152991
10'	152992
11'	152993
12'	152994
13'	152995
14'	152996
15'	151062
16'	151063
17'	151064
18'	151065
19'	151066
20'	149649
21'	149650
22'	149651
23'	149652
24'	149653
25'	149654
26'	149655
27'	149656
28'	149657
29'	149658
30'	149659
32'	149660
34'	149661
36'	149662
40'	149664
42'	149665 N
44'	149666
46'	149667 N
50'	149669

CCX433 *Heavy Duty 43C Xtreme Series*

TEL-CCX433

Length	Order#
6'	150813
8'	150815
9'	150816
10'	150817
11'	150818
12'	150819
13'	150820
14'	150821
15'	150822
16'	150823
17'	150824
18'	150825
19'	150826 N
20'	150827
21'	150828 N
22'	150829
23'	150830
24'	117568 N
25'	150832
26'	150833
27'	150834 N
28'	150835
29'	150836 N
30'	150837
32'	150838 N
34'	150839
36'	150840
38'	150841
40'	150842

Red Jacket Control Cables

33C, the most common cable type. 8" minimum bend radius. Universal cables meet all specifications for 3300/33C, 4300/43 or 6400/64 type original equipment cables. Cables can use the existing connection components. Stainless steel and brass fittings. HM-33C

33C

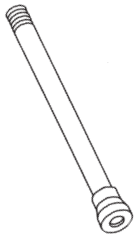
Length	Order#
10'	117485
11'	117486
12'	117487
13'	117488
14'	117489
15'	117490
16'	117491
17'	117492
18'	117493
19'	117494
20'	117495
21'	117496
22'	117497
23'	117498
24'	117499

For information on measuring for control cables visit: http://www.seastarsolutions.com/support-2/faqs-2/controls-and-cables/

SEASTAR SOLUTIONS

Support Tube
Tube helps support the cable right before the engine. Clamp on application.
Aluminum TEL-SA27274 **Order# 133988**

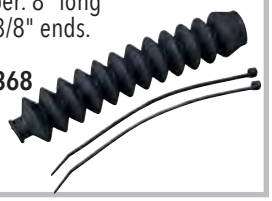
Stainless TEL-SA27275 **Order# 133989**



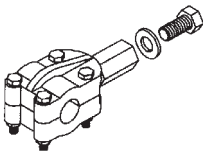
SEA-DOG LINE

Motor Well Boot
Molded rubber. 5.5" diameter, 9/16" center hole. Uses #8 round head fasteners. SD-521655
Order# 163418

Steering Cable Boot
Molded rubber. 8" long with 1" and 3/8" ends.
SD-521700
Order# 130368



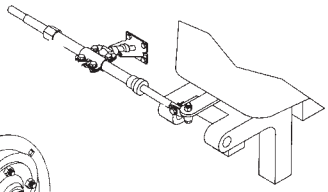
Clamp Block-Inboard
2-1/4" Stand-Off. Heavy duty with black metal flake finish.
TEL-SA27578 **Order# 149614**



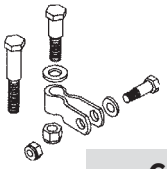
Universal Pitot Tube
For slotted mounting plate. All popular tubes. No drilling required for replacement installation.
TEL-56973 **Order# 149694**

Link Arm Kit (With Boot)
1977-84 Johnson/Evinrude 70 and 140 HP engines.
TEL-SA27361 **Order# 133992**

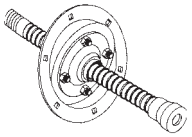
Transom Support Master Mounting Kits
Universal mounting kit. Includes clamp block, support tube, and clevis kit. Aluminum TEL-SA27256
Order# 149612



Stainless Steel Clevis Kit
Clevis and hardware to connect your cable to your engine.
TEL-SA27314 **Order# 133991**



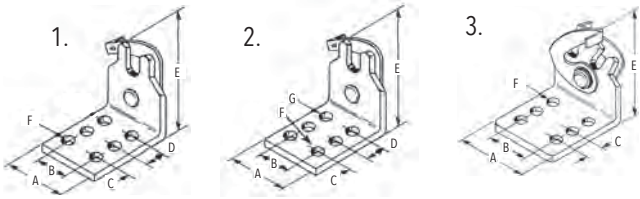
Splashwell Mount Kit
90˚ Corrosion Resistant.
TEL-SA27254 **Order# 133987**



Control Cable Fittings and Hardware

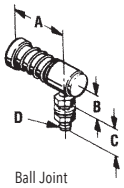
Cable Hook Clip ~ 30 Series Only ~

	A	B	C	D	E	F	G	Order#
1. Single	1"	1/2"	3/8"	13/64"	1-3/16"	3/16"	–	**123731**
2. Single	1"	1/2"	3/8"	1/2"	1-1/2"	3/16"	1/4"	**123708**
3. Dual	1-1/4"	3/4"	3/8"	–	1-1/2"	3/16"	–	**123728**



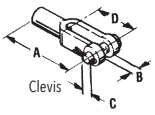
Ball Joints

Series	A	B	C	D	Order#
30	31/32"	15/32"	9/16"	1/4"-28	**123707**
30	29/32"	15/32"	7/16"	10-32	**123716**
30	1-1/8"	17/32"	7/8"	5/16"-24	**123727**
40	31/32"	15/32"	9/16"	1/4"-28	**123831**
40	31/32"	17/32"	7/16"	5/16"-24	**123720**


Ball Joint

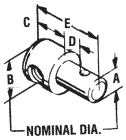
Clevis

Series	A	B	C	D	Order#
30	2"	9/32"	1/4"	1-1/4"	**123706**
30	1-9/16"	3/16"	3/16"	1"	**123717**
30	2-1/4"	11/32"	5/16"	1-7/16"	**123724**
40	2"	9/32"	1/4"	1-1/4"	**123697**
40	2-1/4"	11/32"	5/16"	1-7/16"	**123757**
40	2-1/2"	7/16"	3/8"	1-5/8"	**123769**


Clevis

Pivots

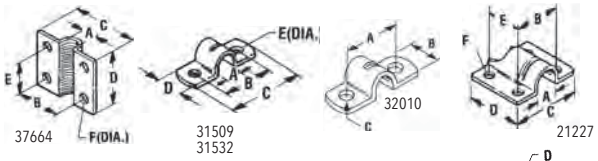
Series	A	B	C	D	E	Order#
30	1/4"	7/16"	21/64"	9/64"	5/8"	**123705**
30	1/4"	7/16"	3/8"	.191"	23/32"	**123713**
30	1/4"	7/16"	21/64"	.295"	25/32"	**123721**
30	5/16"	7/16"	3/8"	13/32"	13/32"	**123739**
30	1/4"	7/16"	3/8"	.316"	5/16"	**123749**
30	5/16"	7/16"	3/8"	9/64"	11/16"	**123768**
40	1/4"	1/2"	1/2"	13/64"	7/8"	**123711**
40	1/4"	1/2"	1/2"	17/64"	5/16"	**123732**
40	1/4"	1/2"	7/16"	9/64"	3/4"	**123745**



Pivots

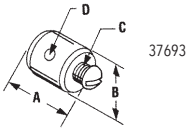
Clamps

Model#	Series	A	B	C	D	E	F	Order#
37664	30L	1/4"	1"	1-1/2"	1-1/4"	3/4"	7/32"	**123738**
31509	30L & 30	3/8"	1"	1-1/2"	1/2"	12/64"	-	**123709**
32010	30	7/8"	1/2"	3/16"	-	-	-	**123719**
31532	40	1/2"	1"	1-1/2"	1/2"	7/32"	-	**123710**
21227	40	1/2"	1"	1-1/2"	1-1/4"	3/4"	7/32"	**138069**



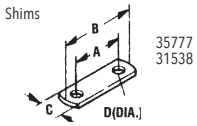
Stop Collar

Model#	Series	A	B	C	D	Order#
37693	30	3/8"	3/8"	8-32	3/32"	**123740**


37693

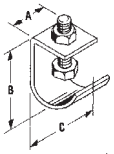
Shims

Model#	A"	B"	C"	D"	Order#
35777	7/8"	1-3/8"	1/2"	12/64"	**123730**
31538	1"	1-1/2"	1/2"	12/64"	**123712**



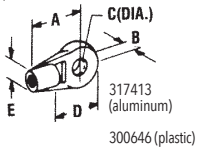
Cable Brake

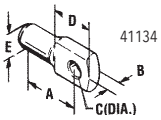
Model#	Series	A	B	C	Order#
44386	30, 40 & 60	3/4"	1-1/4"	7/8"	**123762**



Terminal Eye

Model#	Series	A	B	C	D	E	Order#
317413	30	1"	15/64"	5/16"	3/4"	1/2"	**177539**
300646	30	1"	15/64"	5/16"	3/4"	1/2"	**123857**
41134	40	1-3/8"	5/16"	5/16"	3/4"	1/2"	**123751**

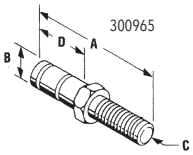




Terminal Eye Pin

Model#	Series	A	B	C	D	Order#
300965	30 or 40	1-12"	5/16"	1/4"-28	19/32"	**123860**

Model#	Series	Description	Order#
301456	30 or 40	w/retaining ring, nut & washer	**123863**

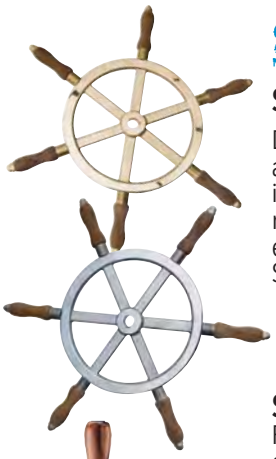


800-639-2715

Traditional Steering Wheels

The classic look in a handsome and rugged wheel. 3/4" tapered bore.

Description	Order#
16" Bronze	156329
18" Bronze	156330
16" Stainless Steel	739009
18" Stainless Steel	740740
Teak Handle for 16"	164543
Teak Handle for 18"	164550
Handle Hardware Kit for 16" SS	740829
Handle Hardware Kit for 18" SS	740830
Handle Hardware Kit for 16" Brz	749056
Handle Hardware Kit for 18" Brz	749057



Commercial Bronze Wheel with Teak Handles

19" tip-to-tip. Standard 3/4" tapered bore. The tumbled bronze body will age to an attractive patina over time, yet the wheel will maintain strength and durability after years of use in a working environment. EDS-971T19750
Order# 731736

Teak 18" Wheel

18" diameter teak steering wheel. 3/4" taper. Brass cap.

European Steering

STZ-04B18 **Order# 142134**

Teleflex MARINE Champion Wheel

At an economical price!
Constructed of a molded one piece polypropylene copolymer for comfort and durability. 13.5" diameter. 3/4" taper. Black. TEL-SW59291
Order# 149648

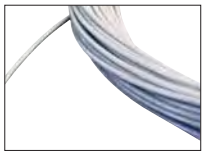
vetus Padded Stainless Steel Steering Wheels

Steering wheels feature stainless steel rims with a layer of semi-hard PU-foam which has an integral skin. Spokes and cap are stainless steel, the hub is seawater resistant aluminium, polyurethane coated. These ship's wheels are absolutely resistant against all weather conditions. Gray.

Part#	Description	Order#
VET-KS45G	17-3/4", 3/4" Taper	135738
VET-KS55G	21-1/8", 3/4" Taper	135740

Steering Cable

Galvanized, vinyl coated. Outside diameter of 3/16".
SSM-3356 **Order# 167174**



Schmitt MARINE STEERING WHEELS

Stainless Steel Destroyer Wheel

Designed and manufactured for beauty as well as durability. Welded, highly-polished, non-magnetic stainless steel, never needs refinishing. Cap is black. 20" diameter. 10º dish. 3/4" tapered.
SMT-15220121 **Order# 131425**

SEADOG LINE

Stainless Steel 15" Wheel

Formed 304 stainless steel. 15-1/8" diamater with 10º dish angle. 6 spokes. 3/4" taper shaft. SD-230115
Order# 142575

SEADOG LINE

Stainless Steel 15" Wheel with Foam Covering

Formed 304 stainless steel with foam covering. 15" diamater with 25º dish angle. 5 spokes. 3/4" taper shaft. SD-230217 **Order# 731963**

Replacement Center Caps for above SeaDog wheels

Part#	Description	Order#
SD-230101-1	2.5" Black	149451
SD-230102-1	2.5" Teak	149452

Schmitt MARINE STEERING WHEELS

Control Knob Steering Wheel

Large, ergonomic mushroom control knob. Will not cut fingers or catch sleeves. One inch finger grip wheel. Stainless steel. 3/4" taper.

13-1/2" SMT-173-13 **Order# 150777**

15-1/2" SMT-173-15 **Order# 150778**

EDSON

Power Knob

Allows fast turning and rapid response. Perfect for backing down a single crew vessel or running a launch and fits wheels 5/8" to 1-1/8".

Black Sportsman Series
EDS-967-18BL **Order# 163047**

Solid 316 stainless steel
EDS-969ST-18 **Order# 148675**

Cap Nuts for Helms

Sold by the each

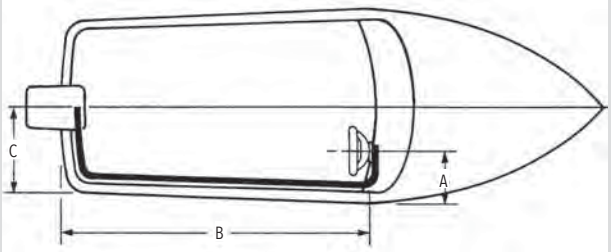
Part#	Type	Size	Thread	Order#
F-NTCSF.50-20	Stainless Steel	1/2"	20	167560
F-NTCQF.63	Brass	5/8"	18	158060

HOW TO MEASURE STEERING CABLES

A=Center line of wheel to gunwale (or deck, if routed downward)
B=Dash to transom
C=Gunwale to centerline of cable connection at centered tiller

For Cable Installations through the Engine Tilt Tube:
Add A, B and C + 6", then round **up** to the next foot. Order that length cable.

For Cables Mounted to Transom, Splashwell or Stringer:
Add A, B and C , then subtract 6" and round **up** to the next foot. Order that length cable.



safe-t SS137 Safe-T Quick Connect®

3.0 Rotary Steering System

Quick connect requires no special tools for fast, easy installation! Fits boats up to 24', steering wheels to 16". Compact, 3 turns lock to lock. Includes: cable, helm, bezel and hardware.
TEL-SS137

Size	Order#	Size	Order#
8'	**149589**	15'	**149395**
9'	**149590**	16'	**149592**
10'	**134012**	17'	**134014**
11'	**134013**	18'	**134015**
12'	**149591**	19'	**134016**
13'	**149167**	20'	**134017**
14'	**149286**		

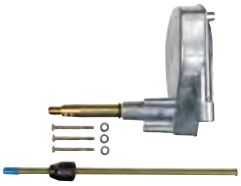
For port side installation:

TEL-SA27620	Helm Adapter	**133994**
TEL-SA38603	Spent Travel Tube	**152164**

Kits available up to 20' only. For longer applications order parts separately.
90º Bezel Kit: TEL-SB27484 **Order# 134005**
SSC62 Steering cable (see bottom of page)

safe-t Safe-T QC Single Helm

New Quick Connect feature on both sides of helm allow port side helm mount without need for adapter. TEL-SH5094-1P
Order# 760443



nfb No Feedback

4.2 Rotary System

Fits boats up to 24'-steering wheels to 16". Compact. 4.2 turns lock to lock. Standard 3/4" tapered steering shaft. Includes: cable, helm, bezel and hardware. TEL-SS147

Size	Order#	Size	Order#
13'	**149670**	17'	**149768**
14'	**149671**	18'	**149769**
15'	**149672**	19'	**149676**
16'	**149673**	20'	**149677**

Kits available up to 20' only. For longer applications order parts separately.
Helm: TEL-SH-4910 **Order# 134007**
Bezel: TEL-SB27150P **Order# 152131**
SSC62 Steering cable (see below)

SSC 62 Quick Connect® Steering Cables

Quick connect cable only. Fits Safe-T Quick Connect and NFB systems.
TEL-SSC62

Size	Order#	Size	Order#
8'	**756168**	17'	**756177**
9'	**756169**	18'	**756178**
10'	**756170**	19'	**756179**
11'	**756171**	20'	**756180**
12'	**756172**	21'	**756181**
13'	**756173**	22'	**756182**
14'	**756174**	23'	**756425**
15'	**756175**	25'	**756426**
16'	**756176**		

Note: Older (Pre 1985 Safe-T and Big-T Systems) use helm adapter TEL-SA27620 **Order# 133994**

XTREME® NFB Mechanical Steering Kit

Complete steering system including new helm, high efficiency XTREME™ steering cable design and new style bezel. A brand new XTREME™ steering cable was designed specifically for this system. This cable offers lower backlash and is more efficient than a standard steering cable. Quick connect feature on both steering cable and spent travel tube for easy, quick installation. The patent pending helm has a complete new gear train designed to provide smooth feel, minimal backlash and low effort at the wheel. It also offers the smoothest NFB clutch release and has a smaller footprint than the current 4.2 helm. Installs in same mounting pattern and bracket location as current Teleflex Marine steering systems.

Size	Order#	Size	Order#
11'	**748001**	20'	**748012**
12'	**748004**	21'	**748013**
15'	**748007**	22'	**748014** N
16'	**748008**	23'	**748015**
17'	**748009**	25'	**748017**
18'	**748010**		

BAYSTAR™ Hydraulic Steering Kit

For single engines up to 150 HP

The BayStar steering system consists of a super low friction helm for smooth comfortable steering, a balanced cylinder featuring a compact design that fits most splash wells. Includes two lengths of 20' cut to fit tubing, two bottles of hydraulic steering fluid, and one fill tube for easy fill and purge. Patented No FeedBack™ Steering lock valves. 5 turns lock-to-lock. Up to 150 horsepower (total). Fixed cylinder. Stainless steel adjustable O-Ring (ORB) fittings for easier installation. Tilt option available.
TEL-HK4200A-3 **Order# 757287**

SEASTAR™ SeaStar® Hydraulic Steering Kit

For cruisers, runabouts, and center consoles to 40', up to 60MPH

Includes a new outboard hydraulic cylinder featuring upgrades to the barrel, sealing system and fittings. Independent engine tilt for twin/triple engine installations. Easy steering. Suitable for use with all SeaStar Helms & SeaStar Power Assist. Varying lock to lock turn ratio, dependant on helm selection. State of the art proprietary sealing system offers excellent resistance to repeated compression set and is designed to better withstand the harsh environment. Stainless steel adjustable O-Ring (ORB) fittings for easier installation. Hoses not included.
TEL-HK6400A-3 **Order# 757295**

Hose Kits (2-Hoses)

Part#	Size	Order#
TEL-HO5112	12'	**133960**
TEL-HO5114	14'	**133961**
TEL-HO5116	16'	**133962**
TEL-HO5118	18'	**133963**
TEL-HO5120	20'	**153020**

Part#	Size	Order#
TEL-HO5124	24'	**145655**
TEL-HO5126	26'	**153021**
TEL-HO5122	22'	**133964**

Hydraulic Steering Fluid for Baystar/Seastar
Quart TEL-HA5430 **Order# 133945**

2nd Station

Part#	Description	Order#
TEL-HH5271-3	SeaStar 1.7 Helm	**757302**
TEL-HA5418	Back Mount Kit for SeaStar 1.7 Helm	**151415**
TEL-HF6007	ORB Kit, autopilot, O/B only	**757011**
TEL-HF6010	ORB Kit, autopilot, I/O, I/B appl. only	**757012**

See page 235 for steering fittings and hardware

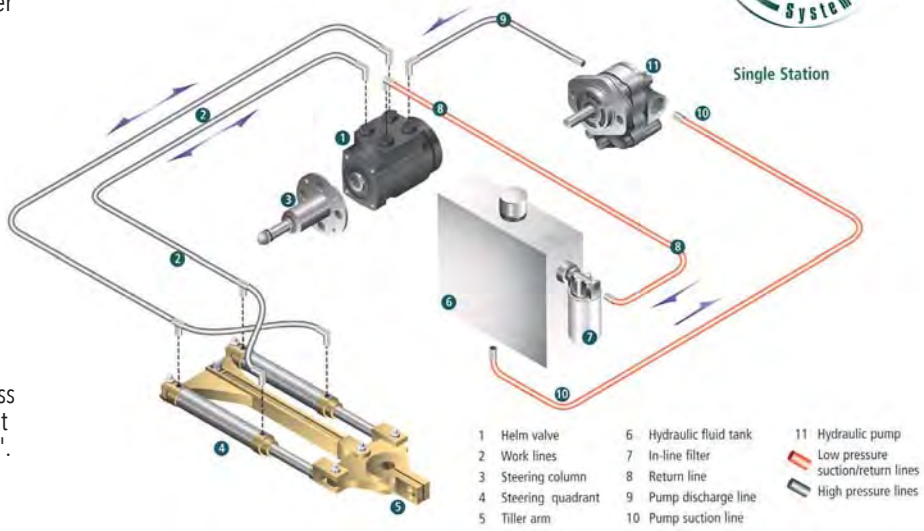
Power Steering by HHS

Class II - For boats to 45'

Single Cylinder Steering Assemblies

Complete assembly consisting of a single cylinder with stainless steel cylinder rod, bronze tiller arm and cylinder mount. Tiller arms are bored for rudder shafts ranging from 1-1/4" to 2".

Part#	Size	Order#
HHS-00026	1-1/4"	**173573**
HHS-10026	1-1/2"	**173572**



Class 2.5 - For boats to 65'

Dual Cylinder Quadrant Assemblies

Complete assembly consisting of dual cylinders with stainless steel cylinder rods mounted on a durable, corrosion resistant quadrant bored for rudder shafts ranging from 1-1/2"-2-1/2".

Part#	Size	Order#
HHS-00046	1-1/2"	**173578** N
HHS-10046	1-3/4"	**173576** N
HHS-20046	2"	**173575** N

Class III and Stainless Steel Assemblies also available

Replacement Cylinder for Class II

Part#	Stroke Size	Size Compressed	Order#
HHS-21044	6"	18-1/2"	**173570**
HHS-20044	10"	22-1/4"	**174134**

Marine Hydraulics Steering Also Available

Power Steering Pumps

Exceptionally compact and lightweight. Featuring built-in flow control set at 5 gpm, and integral pressure relief at 1000 psi. 1.178 cu. in. displacement. Maximum speed 4000 rpm, maximum pressure 2500 psi. Inlet port 1" SAE straight thread o-ring. Outlet port 1/2" SAE straight thread o-ring. Used with a pump mount bracket or bolted directly to engine.

Part#	Shaft	Rotation	Order#
HHS-31211	3/4" Keyed	Counter Clockwise	**173562**
HHS-31011	3/4" Keyed	Clockwise	**173563**
HHS-31411	5/8" Splined	Clockwise	**743077**
HHS-31511	5/8" Splined	Counter Clockwise	**743078** N
HHS-31611	3/4" Splined	Clockwise	**743079** N
HHS-31711	3/4" Splined	Counter Clockwise	**743080** N

Seal Kit for All Pumps
HHS-32011 **Order# 743081** N

Power Steering Helm

Char-Lynn 200-0012 helm unit. 9.7 cu. in. displacement per revolution. Maximum system pressure 2500 psi. Port Size 1/2" SAE straight thread ORB. HHS-06044 **Order# 173564**

Stainless Steel Steering Columns

Stainless steel steering column with "Oilite" bearing and stainless steel acorn nut. 3/4" tapered shaft. Now manufactured with grease nipples.

Part#	Flange	Order#
HHS-02046	5"	**173561**
HHS-023046	8"	**173560**

Hydraulic Tank

6 Gallon Aluminum.
Order# 122916

Filter Head and Filter

Spin-On type. **Order# 139259**

Replacement Element
Order# 123072

Pump Stands

Adjustable pump stand bracket. Fits TB-12 and all other power steering pumps.
MHD-27-KIT **Order# 728853**

PetroWrap® Anti-Corrosion Tape

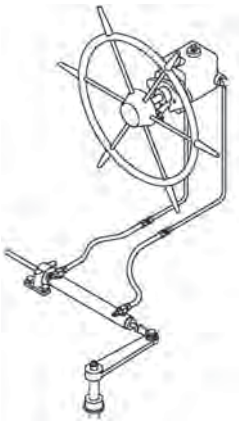
For long term protection of metal surfaces that are underground, underwater, or exposed, even in the most severe environments. It consists of a cold applied system of petrolatum-based PetroWrap® Anti-Corrosion Tape, PetroWrap® Primer, and, where contouring is necessary, PetroWrap® Mastic. It adheres to surfaces without heating, even on damp and/or indifferently prepared areas. Temperature range: -170°C to +80°C (-274°F to +176°F) 2" x 32.8' roll.
HM-TAPE-PETRO **Order# 730740**

CAPILANO™ Inboard Hydraulic Steering

Inboard Hydraulic Steering for 30' to 50' power or sail, planing or displacement hulls. Rugged and reliable, suitable for single or dual rudders and 2nd station. There is a performance gain using type L copper tubing, either 1/2" or 5/8" OD, connected to 18" hose at the cylinder.

SEASTAR SOLUTIONS

Capilano
1250V/1275V
System
(single station shown)



Features:
- Helm pump includes a variable displacement feature enabling helmsman to adjust the number of steering wheel turns to suit various maneuvering and weather conditions
- Single or dual rudders and 2nd station (with extra hardware)
- Heavy duty brass balanced cylinders with bleed fittings
- Rods are chrome-plated stainless steel
- Stainless steel and bronze mounting hardware
- Standard 3/4" tapered steering shaft
- Meets ABS/Lloyds/Det Norske Veritas specifications
- Uses Dexron II® ATF Hydraulic fluid

Cylinder

Part#	Description	Order#
TEL-HC5349	30' - 35', BA150-7 TMB, 1/2" tubing*	**154766**
TEL-HC5350	36' - 40', BA175-7 TMB, 1/2" tubing*	**133954**
TEL-HC5351	41' - 45', BA200-7 TMB, 5/8" tubing	**139167**
TEL-HC5378	46' - 50', BA200-11 TMB, 5/8" tubing	**154185** N

7 TMB are 7" stroke with 6" tiller arm, 11 TMB are 11" stroke, 9" tiller arm. Both have rod and ball joint to tiller arm. Available as bronze clevis (TMC).
* If cylinder to helm run is greater than 40' use 5/8"

Helm Pump

Part#	Description	Order#
TEL-HH5250	30' - 40' 1250v	**133956**
TEL-HH5275	41' - 50' 1275v	**133959**

Accessories

Part#	Description	Order#
TEL-HP6032	Service Kit for SeaStar and Capilano w/nut	**156759**
TEL-HA5450	Remote Fill and Vent Kit	**133947**
TEL-HF5590	Fitting Kit for 1/2" copper tube, single station	**154769**
TEL-HF5591	Fitting Kit for 1/2" copper tube, 2nd station	**154804** N
TEL-HF5593	Fitting Kit for 5/8" copper tube, 2nd station,	**154805**
TEL-HA5731	2 pack hose kit, 18" w/ 1/2" swivel nuts	**133948**

Kits do not include tubing, copper is recommended

ELECTRIC TRIM TABS

LENCO MARINE INC. LENCO

Trim tabs make your boat ride smoother, drier, faster and with increased safety whether on a small skiff or a mega-yacht. Lenco's ballscrew design is more reliable, twice as powerful and features an instant response which makes them very user friendly compared to typical hydraulics.

Trim Tab Kits
Contain 2 actuators with 20' wires, 2 trim tab planes, and all mounting hardware. Switch not included.

Part#	Boat Length	Size	Order#
LCO-15001-101	16' - 25'	9" X 12"	**173026**
LCO-15002-101	22' - 30'	9" X 18"	**173030**
LCO-15003-101	26' - 40'	9" X 24"	**173032**
LCO-15005-101	34' - 65'	9" X 36"	**173031**
LCO-15008-101	26' - 36'	12" X 18"	**173033**
LCO-15009-101	30' - 44'	12" X 24"	**757224** N
LCO-15010-101	34' - 54'	12" X 30"	**742723**
LCO-15024-101	45' - 70'	16" X 36"	**760680**

Double Rocker Controller
LCO-10222-211D **Order# 173034**

10' Flybridge Kit for LED Integrated Kits
Add this second station key pad to your NEW Integrated Tactile Switch by plugging into the existing harness. Kit Includes 10' harness and second station key pad. LCO-11841-001 **Order# 760711**

LED Integrated Switch Kit (Single)
For single actuator systems
LCO-15170-001 **Order# 760716**

LED Integrated Switch Kit (Dual)
For dual actuator systems
LCO-15171-001 **Order# 760710**

Standard Switch Kit (Single)
Built-In retractor for single actuator systems.
LCO-15069-001 **Order# 162632**

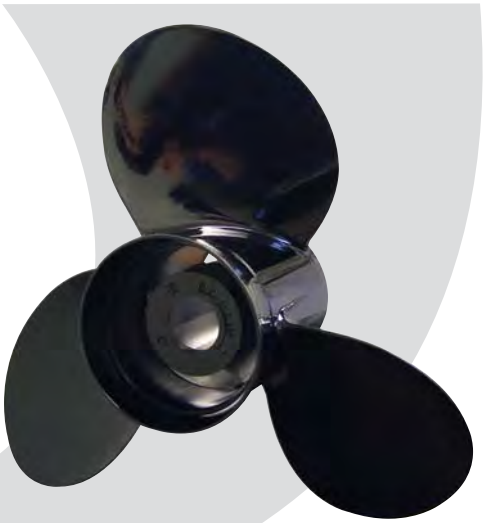
Bennett Retro Kit
LCO-15064-001
Order# 157965

2-1/4" Stroke Actuator
with 6' wire
LCO-15054-001
Order# 742722

Quicksilver Black Diamond Propellers

- Great performance from a value priced propeller
- Cast with an exclusive aluminum alloy for toughness and exceptional corrosion resistance
- Sizes available from 2.5HP to 250HP

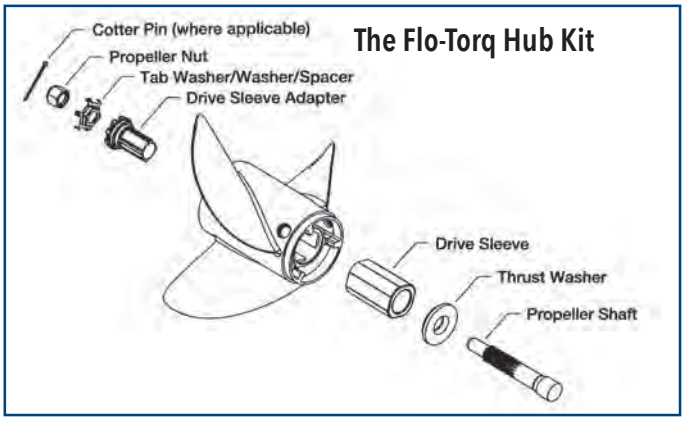
Part#	Size	Blades	Order#
MER-QA2008X	15-1/4" x 15"	3	**732752**
MER-QA1912X	15" x 17"	3	**733503**
MER-QA1916X	14.5" x 19"	3	**733608**
MER-QA1918X	14-1/4" x 21"	3	**733504**
MER-QA1920X	14" x 23"	3	**733505**
MER-QA2034X	13-3/4" x 15"	3	**733509**
MER-QA2036X	13-1/4" x 17"	3	**733498**
MER-QA2038X	13" x 19"	3	**732790**
MER-QA2040X	12-3/4" x 21"	3	**733511**



When seeking parts for your engine/drive train, please have as much specific information (engine make/model#) as possible when you call or visit.

The Flo-Torq Hub Kit

This patented, advanced technology system provides superior lower-unit protection for higher horsepower applications and helps properly install your new Quicksilver Propeller. Instructions included with propellers with Flo-Torq I Hubs and with Flo-Torq II Hub Kits.



Hub Kits

Find the right hub kit for your engine!

Mercury, Mariner and Force Outboards and Mercruiser Sterndrives	Use Hub Kit	Order#
Mercury/Mariner 60-250 HP, Force 90-150 HP & newer, & Mercruiser 120-375 HP Alpha & Bravo Sterndrives	835257Q1	**733515**
Mercury 225 EFI Fourstroke Outboards	835274Q1	**734384**
Mercruiser Bravo Three Sterndrives (Flo-Torq II Hub Kit not required for s/s props QS3322S thru QS33292S)	Kit Not Required	-
Yamaha Outboards and Stern Drives	**Use Hub Kit**	**Order#**
Yamaha 50-100 HP Outboards with splined forward washer	835272Q1	**733521**
Yamaha 115, 130 &150-250 HP 1984 & newer outboards, 300 HPDI outboards &130-300 HP stern drives	835271Q2	**733516**
Yamaha 150, 200 & 225 HP 4-Stroke outboards	835274Q1	**734384**
Evinrude and Johnson Outboards and Volvo and OMC Stern Drives	**Use Hub Kit**	**Order#**
Volvo SX 1996 & newer & OMC & Cobra SX sterndrives 1994 & newer, 7.4L 1994 & newer (19 tooth spline)	835270Q1	**733518**
Suzuki Outboards	**Use Hub Kit**	**Order#**
Suzuki 60-70 HP 4-Stroke & 75-140 HP 2-Stroke outboards (Flo-Torq II Hub Kit is included with aluminum props QA2202H thru QA2208H and s/s props QS5216H thru QS5524H)	Kit Included	-
Suzuki 140 HP 4-Stroke outboards and 100-115 HP 4-Strokes 2009 & newer	835283Q2	**734389**
Honda Outboards	**Use Hub Kit**	**Order#**
Honda 75-90 HP Outboards 1998 & older	835277Q1	**734390**
Honda 75-90 HP Outboards 1998 & newer & 115-130 HP	835279Q2	**733520**

Plastic Drive Sleeve

For use with Mercury props only.
MER-835290Q1
Order# 735187

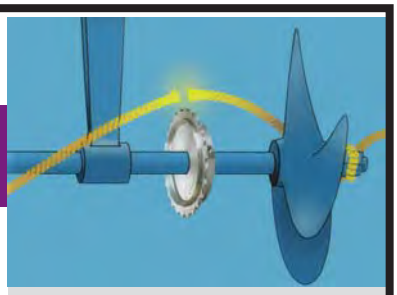
FORESPAR

LanoCote Prop & Bottom Antifouling Paste

Creates a surface coating that repels marine growth. Keeps props, running gear and even boat bottoms free of marine growth for up to six months. Naturally green, non-toxic and biodegradable. Can be applied when boat is in the water or on the hard. Also suitable for inflatable bottoms. 16 Oz.
FOR-770035 **Order# 745394**

Shaft Razor Cutters

Worried about a tangled prop?



- The simplest way to keep your propeller and shaft free from fouling ropes and submerged debris.

- **Extremely Efficient**
  Easily cuts through ropes, nets, weeds, etc.
- **Simple, Effective Design**
  Consists of a precision machined circular blade.
- **Gentle on Sterngear**
  Unlike other rope cutters, the pressure is applied gradually as the rope tightens to the Razor Cutter. No shock to the stern gear.
- **Best Quality**
  Made of high grade stainless steel with a sharp serrated edge.
- **Easy to Install**
  Remove propeller and slide the Shaft Razor Cutter onto shaft and tighten set screws. Can be installed where there is little space on the shaft.

Part#	Fits Shafts	Razor Dia.	Required Shaft Space	**Order#**
HM-RC24709	1"	3-1/8"	23/32"	**152558**
HM-RC24712	1-1/4"	3-15/16"	23/32"	**152559**
HM-RC24713	1-3/8"	3-15/16"	23/32"	**162969**
HM-RC24715	1-1/2"	3-15/16"	23/32"	**152560**
HM-RC24717	1-3/4"	4-11/16"	23/32"	**152561**
HM-RC24720	2"	4-11/16"	23/32"	**152562**
HM-RC24725	2-1/2"	7"	1-1/4"	**153956**

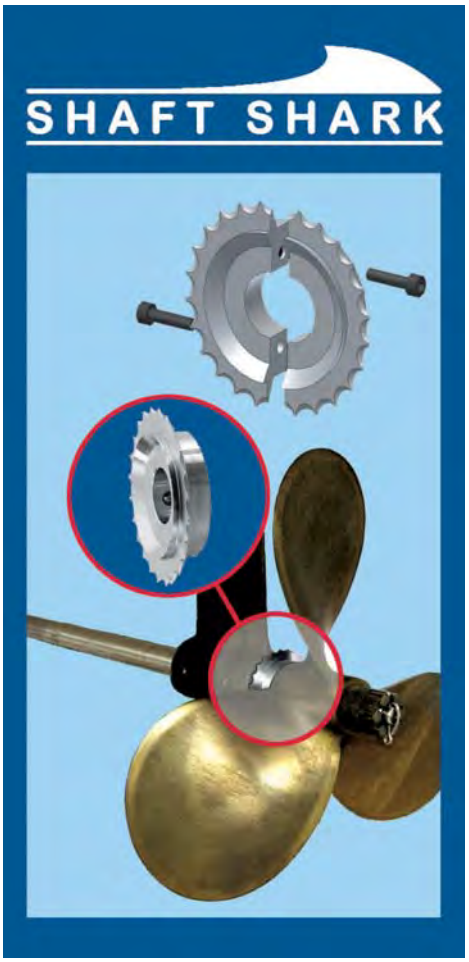
Installation Specifications

- Remove propeller
- If necessary, remove zincs
- Clean shaft
- Slide the Shaft Razor onto the shaft allowing a small gap between the strut/sternpost/propeller
- Remove the set screws and spot the shaft with a drill
- Re-insert and tighten the set screw(s) using an Allen wrench
- Replace zincs, propeller

The Shaft Razor Cutter is accurately machined to the shaft diameter and kept securely in place by set screws. Once installed, the Shaft Razor Cutter rotates with the shaft and gently cuts anything that becomes entangled on the shaft/propeller.

Shaft Shark™ Split Unit Shaft Razors

- ***Two-piece unit for easy installation!***
- ***Protect your drive train and propeller!***
- ***For power or sail!***



A serrated edge circular blade machined from high quality 316L type stainless steel. May be installed on shafts and saildrive systems. Attached to your shaft just forward of your propeller, it rotates with the shaft or saildrive hub, cutting away any rope, weeds or debris that might try to entangle your shaft and propeller. Sized to both the shaft and the propeller, or saildrive hub diameter, to ensure the lowest possible drag for the boat. With no moving parts, maintenance is minimal. There are no parts to wear out or to be replaced on an annual basis. The edges can be re-sharpened using a round file or stone. Installation is simple and quick. No drilling or tapping and no need to remove the propeller for installation. Easily installed underwater by a diver. Requires just a small clearance fore and aft between the cutlass bearing and the propeller hub. This dimension allows for sufficient clearance with the cutlass bearing, for shaft movement when maneuvering, and for water-flow through the cutlass bearing. Install as close to the propeller as possible.

Part#	Fits Shaft	Razor Dia.	Hub Size	Required Shaft Space	**Order#**
ABM-SC-300-1	1"	3.20"	2.25"	0.72"	**729365**
ABM-SC-300-118	1-1/8"	3.20"	2.25"	0.72"	**729367**
ABM-SC-300-125	1-1/4"	3.20"	2.25"	0.72"	**729366**
ABM-SC-400-125	1-1/4"	3.98"	3"	0.72"	**729368**
ABM-SC-400-138	1-3/8"	3.98"	3"	0.72"	**729369**
ABM-SC-400-150	1-1/2"	3.98"	3"	0.72"	**729370**
ABM-SC-400-175	1-3/4"	3.98"	3"	0.72"	**729371**
ABM-SC-500-125	1-1/4"	4.75"	3.625"	0.82"	**729372** N
ABM-SC-500-150	1-1/2"	4.75"	3.625"	0.82"	**729373**
ABM-SC-500-175	1-3/4"	4.75"	3.625"	0.82"	**729374**
ABM-SC-500-200	2"	4.75"	3.625"	0.82"	**729375**
ABM-SC-500-225	2-1/4"	4.75"	3.625"	0.82"	**729376**
ABM-SC-500-250	2-1/2"	4.75"	3.625"	0.82"	**729377**

R.E. Thomas Marine Hardware

Highest quality, rugged marine products, manufactured and tested in Maine.

Other Sizes Available for Order

Stuffing Boxes

Super heavy duty construction, heavy gussets and extra deep packing nuts.

Model#	Shaft Dia.	Pilot Dia.	Pilot Length	Flange Thickness	Flange Width	Flange Length	Exposed Length	Nut Lengtht	Order#
SB1500	1.50"	2.12"	1.25"	.50"	4.5"	6.25"	6.25"	3.12"	**737202**
SB1750	1.75"	2.50"	1.67"	.63"	4.5"	6.67"	5.25"	3.25"	**737203**
SB2000	2"	2.75"	1.67"	.63"	4.5"	6.67"	4.75"	4.5"	**737204**
SB2250	2.25"	3.25"	1.75"	.75"	4.87"	9"	4.75"	4.5"	**737205**
SB2500	2.5"	3.25"	1.75"	.75"	4.87"	9"	4.75"	4.5"	**737206**

Multipurpose Stuffing Boxes

Heavy duty, can be used as rudder port or prop shaft seal.

Model#	Shaft Dia.	Pilot Dia.	Pilot Length	Flange Thickness	Flange Width	Flange Length	Exposed Length	Nut Length	Order#
MP1500	1.5"	2.25"	3"	.50"	4"	7.12"	4.5"	3.12"	**737160**
MP1750	1.75"	2.5"	4.38"	.63"	4.5"	8.25"	5.25"	3.25"	**737161**
MP2000	2"	2.75"	4.38"	.63"	4.5"	8.25"	5.25"	3.25"	**737162**

Rudder Port/Stuffing Box

For either rudder or propshaft installations.

Model#	Shaft Dia.	Pilot Dia.	Pilot Length	Flange Thickness	Flange Width	Flange Length	Length from Flange	Nut Length	Order#
RP1500S	1.5"	2.12"	1.75"	.63"	5"	5"	5"	3.12"	**737244**
RP1500L	1.5"	2.12"	5"	.63"	5"	5"	5"	3.12"	**737245**

Heavy Duty Rudder Ports

Extremely rugged bronze.

Model#	Shaft Dia.	Pilot Dia.	Pilot Length	Flange Thickness	Flange Width	Flange Length	Exposed Height	Order#
PK1500	1.5"	3"	5"	.63"	5"	7.5"	5.75"	**737182**
PK1750	1.75"	3"	5"	.63"	5"	7.5"	5.75"	**737183**
PK2000	2"	3"	5"	.68"	5"	7.5"	5.75"	**737184**

Self-Aligning Shaft Seal

A strong, dependable shaft seal solution with an added self-aligning feature. Supplied with a heavy-walled rubber hose connection sleeve, 4 all-stainless T-Bolt clamps and a rugged bronze hose barb adapter for water injection, if needed.

Model#	Shaft Dia.	Hose Dia.	Length	Water Line	Packing Size	Order#
SA1750-3.0	1.75"	3"	9"	.50"	.50"	**737249**
SA2000-3.5	2"	3.5"	9"	.50"	.38"	**737252**

Flax Packed Stern Bearings

Traditional flax packed bronze stern bearings, designed for severe duty.

Model#	Shaft Dia.	Pilot Dia.	Pilot Length	Flange Width	Flange Length	Packing Size	Order#
FP1380	1.38"	2.5"	1.75"	4"	7.87"	.31"	**737261**
FP1500	1.5"	2.5"	1.75"	4"	7.87"	.25"	**737138**
FP1750	1.75"	2.75"	2"	4.5"	9.13"	.31"	**737139**

Shaft Bearings

Heavy duty bronze. Integral scoops for proper cooling and lubrication. Provides low shaft drag, quiet running and long wear. Sleeve bearing is included and installed.

Shaft Dia.	Pilot Dia.	Pilot Length	Exposed Length	Flange Width	Flange Length	Order#
1.5"	2.87"	1"	6.87"	3.5"	7"	**737195**
1.75"	3.12"	1.25"	6.38"	3.87"	8"	**737196**
2.25"	3.75"	1.5"	8.5"	4.5"	9.25"	**737198**

Skeg Bearings

Extra heavy duty bronze.

Inverted

Standard

Type	Shaft Dia.	Shaft Depth	Body Dia	Body Depth	Flange Width x Length	Order#
Standard	1.25"	1"	2.25"	1"	2.87" x 3.87"	**737187**
Inverted	1.25"	1"	2.25"	1"	2.87" x 3.87"	**738824**
Inverted	1.38"	1"	2.25"	1"	2.87" x 3.87"	**738825**
Standard	1.5"	1.5"	2.5"	4.5"	3.5" x 5"	**737189**
Inverted	1.5"	1.5"	2.5"	4.5"	3.5" x 5"	**738826**
Standard	1.75"	1.75"	2.5"	1.58"	3.68" x 5"	**737190**
Inverted	1.75"	1.75"	2.5"	1.58"	3.68" x 5"	**738827**
Standard	2"	1.75"	2.5"	1.58"	3.68" x 5"	**737191**
Inverted	2"	1.75"	2.5"	1.58"	3.68" x 5"	**738828**

Bronze Tiller Arms

Rugged, cast from Manganese bronze.

Model#	Type	Shaft Dia.	OS Dia.	Length	Order#
TA1250	Straight	1.25"	2.75"	8"	**737224**
TA1380	Straight	1.38"	2.75"	8"	**737226**
TA1500	Straight	1.5"	2.75"	8"	**737228**
TA1750	Straight	1.75"	3"	12"	**737230**
TA2250	Straight	2.25"	3.75"	12"	**737234**

BUCK ALGONQUIN

Buck Algonquin Tournament Series Stern Bearings
Cast bronze, requires flax packing.

Model#	Shaft	Flax Size	Above Flange Pilot Dia.	Below Flange Length	Pilot Length	Flange	Order#
10224	1-1/2"	1/4"	2-7/16"	6-1/16"	1-5/8"	4" x 8"	**103811**
10228	1-3/4"	3/8"	3-1/16"	7-1/16"	1-7/8"	4-3/8" x 9-1/4"	**103813**
10232	2"	3/8"	3-5/16"	7-13/16"	2-1/8"	5-1/4" x 10-1/2"	**103814**

Buck Algonquin Tournament Series Multi-Purpose Stuffing Box
Cast bronze, for both rudder and shaft. Requires flax packing.

Model#	Shaft	Flax Size	Pilot Dia.	Pilot Length	Flanget	Order#
86125	1-1/4"	1/4"	1-3/4"	3"	4" x 4"	**145048**
86138	1-3/8"	9/16"	2-1/4"	3"	4" x 7-1/8"	**145049**
86150	1-1/2"	7/16"	2-1/4"	3"	4" x 7-1/8"	**145050**
86200	2"	3/8"	3"	4-3/8"	4-1/2" x 8-1/4"	**145074**

Buck Algonquin Tournament Series Heavy Duty Stuffing Box
Cast bronze, heavy construction. Requires flax packing.

Model#	Shaft Dia.	Flax Size	Pilot Dia.	Pilot Length	Flange	Order#
82150	1-1/2"	7/16"	2-1/8"	1-1/4"	4-1/2" x 6-1/8"	**145059**
82175	1-3/4"	1/2"	2-1/2"	1-5/8"	4-1/2" x 6-5/8"	**145060** N
82200	2"	3/8"	2-5/8"	1-5/8"	4-1/2" x 6-5/8"	**145061**
82250	2-1/2"	5/16"	3-1/4"	1-3/4"	4-7/8" x 9"	**157972**

Buck Algonquin Stern Tube Stuffing Box
Cast bronze, heavy construction. Requires flax packing.

Model#	Shaft Dia.	Flax Size	Pilot Dia.	Pilot	Flange	Length	Order#
00STPB125	1-1/4"	1/4"	2-1/2"	1"	3-1/2"x5-3/8"	2"	**103588**
00STPB138	1-3/8"	5/16"	2-1/2"	1"	3-1/2"x6-3/8"	2"	**103589**
00STPB150	1-1/2"	1/4"	2-7/8"	1"	4-1/4"x7-1/8"	3-1/8"	**103590**
00STPB175	1-3/4"	1/2"	3-3/8"	1"	5-1/4"x8-1/2"	4-1/2"	**103591**
00STPB250	2-1/2"	5/16"	4-1/16"	1"	5-1/4"x8-1/2"	4-7/8"	**103593**

Buck Algonquin Stern Tube Bearing Housing
Cast Bronze, bearing not included.

Model#	Shaft Dia.	Flange	Casting Bore	Pilot Dia.	Pilot	Flange	Length	Order#
STBO100	1"	Oval	1-5/8"	2-1/8"	1/2"	3-1/4" x 5"	5-3/8"	**103579**
STBO125-150	1-14" to 1-1/2"	Oval	2"	2-3/8"	7/8"	3-13/16" x 6"	6-1/2"	**103580**
STBR138-150	1-3/8" to 1-1/2"	Rect	2-3/8"	2-7/8"	1"	3-1/2" x 7"	7-7/8"	**103583**
STBR175	1-3/4" - 2"	Rect	2-5/8"	3-3/8"	1-1/8"	4" x 8"	9"	**103585**
STBR200-225	2" to 2-1/4"	Rect	3"	3-3/4"	1-1/4"	4-5/8" x 9-1/4"	10-1/4"	**103586**

Rudder Port
Cast Bronze.

Model#	Shaft	Barrel	Flange	Order#
00RP100	1"	4"	3-7/8" sq	**103503**
00RP125	1-1/4"	4"	4-1/4"sq	**103506**
00RP125L	1-1/4"	3"	4-1/4"sq	**103507**
00RP138	1-3/8"	5"	3-3/4" x 7"	**103508**
00RP150	1-1/2"	5"	3-3/4" x 7"	**103510**
00RP175	1-3/4"	5"	4-1/4" x 7-1/4"	**103513**
00RP200	2"	5"	4-1/8" x 7-1/8"	**103515**

Oval Flange Rudder Ports
Cast Bronze.

Model#	Shaft	Flax	Bolt	Base	Order#
00RPO100	1"	1/4"	3/8"	2-1/4"x 4-3/8"	**103526**
00RPO125	1-1/4"	1/4"	3/8"	3"x 5-3/4"	**103527**
00RPO138	1-3/8"	3/16"	3/8"	3"x 5-3/4"	**103528**
00RPO150	1-1/2"	1/4"	1/2"	3-1/2"x 7"	**103529**

Cast Bronze Rudder Port Backing Plate

Model#	Fits Port	Bolt Hole	Plate	Order#
00RPBP125	1-1/4"	3/8"	4-3/8"x4-3/8"	**103520**
00RPBP138	1-3/8"	1/2"	3-3/4"x6-3/4"	**103521**
00RPBP150	1-1/2"	1/2"	3-3/4"x6-3/4"	**103522**
00RPBP175	1-3/4"	1/2"	4-1/8"x7-1/4"	**103523**

Low Profile Rudder Port
Heavy duty. Compact Gland-type. Cast Bronze. Flax packed.

Model#	Shaft	Flange	Order#
88125	1-1/4"	Oval	**145063**
88138	1-3/8"	4-3/4" x 4-3/4"	**158092** N
88150	1-1/2"	4-3/4" x 4-3/4"	**145064**
88200	2"	5-5/8" x 5-5/8"	**158093**

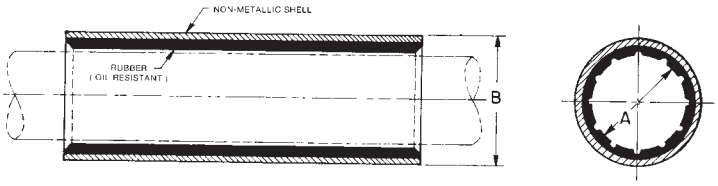
Rubber Gasket
1/8" thick.
AUR-RRG18 **Order# 102510**

Rudder Stop Collar
Cast Bronze. Plain Finish.

Model#	Shaft Size	Order#
00RC125	1-1/4"	**103496**
00RC138	1-3/8"	**103497**
00RC150	1-1/2"	**103498**
00RC175	1-3/4"	**103499**

Johnson/Duramax Cutless® Non-Metallic Sleeve Bearings

Water lubricated bearings. A non-metallic sleeve with nitrile rubber inside. Ideal for installations where corrosion or electrolysis is a problem. All bearings are listed with marine clearances. Other sizes available.



Johnson Code	Part#	(Dimensions in inches) A	B	Length	Order#
ALDA	DUR-870193700	3/4	1-1/4	3	**109041**
BABE	DUR-870253700	1	1-1/4	4	**109054**
BECKY	DUR-870253701	1	1-3/8	4	**109055**
BETTY	DUR-870253702	1	1-1/2	4	**109056**
CANDY	DUR-870253703	1	1-5/8	4	**109057**
CARLA	DUR-870253704	1	2	4	**109058**
CONNIE	DUR-870293702	1-1/8	1-3/4	4-1/2	**109065**
DEENA	DUR-870323700	1-1/4	1-1/2	5	**109071**
DELLA	DUR-870323701	1-1/4	1-3/4	5	**109072**
DORIS	DUR-870323702	1-1/4	2	5	**109073**
EDNA	DUR-870353700	1-3/8	1-7/8	5-1/2	**109079**
ELLEN	DUR-870353701	1-3/8	2	5-1/2	**109080**
ERMA	DUR-870353703	1-3/8	2-3/8	5-1/2	**109082** N
EVA	DUR-870383700	1-1/2	2	6	**109085**
FANNY	DUR-870383701	1-1/2	2-3/8	6	**109086**
GLENDA	DUR-870453700	1-3/4	2-3/8	7	**109093**
GLORIA	DUR-870453701	1-3/4	2-5/8	7	**109094**
HAZEL	DUR-870513700	2	2-5/8	8	**109102**
HELEN	DUR-870513701	2	3	8	**109103**
INGRID	DUR-870573701	2-1/4	3-1/8	9	**109113**
IRENE	DUR-870573702	2-1/4	3-3/8	9	**109114**
JOAN	DUR-870643700	2-1/2	3-1/8	10	**109121**
JOSIE	DUR-870643701	2-1/2	3-3/8	10	**109122**

Please call for current pricing on shafts and propellers

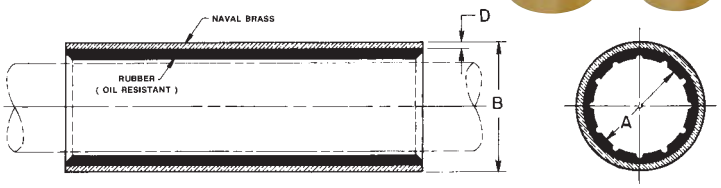
Bore Reducer Bushings

Nylon tapered bore reducer bushing with brass step key. These bushings quickly and easily reduce propeller bores to fit smaller diameter shafts. All tapers are SAE Marine Standard, complete with Key. ANC-

Size	Order#
1" - 7/8"	**101404**
1-1/8" - 1"	**101406**
1-1/4" - 1-1/8"	**101408**
1-1/4" - 1"	**101407**
1-3/8" - 1-1/4"	**101410**
1-1/2" - 1-1/4"	**101412**
1-1/2" - 1-3/8"	**101413**
1-3/4" - 1-1/2"	**101415**
2" - 1-1/2"	**101417**
2" - 1-3/4"	**101418**
2-1/4" - 2"	**101419**
2-1/2" - 2-1/4"	**101421**

Johnson/Duramax Cutless® Brass Sleeve Bearings

Water lubricated bearings. Machined and polished naval brass sleeve with water grooved, nitrile rubber inside. Bearings are usually installed by light press-fitting and locked in place with cone-pointed set screws. All bearings are listed with marine clearances. Other sizes available.



Johnson Code	Part#	(Dimensions in inches) A	B	Length	D	Order#
ABLE	DUR-870192100	3/4	1-1/4	3	1/8	**109040**
ACID	DUR-870222100	7/8	1-1/4	3-1/2	1/8	**109042**
APEX	DUR-870222101	7/8	1-3/8	3-1/2	1/8	**109043**
ATOM	DUR-870222102	7/8	1-1/2	3-1/2	1/8	**109044**
BACK	DUR-870252100	1	1-1/4	4	3/64	**109048**
BAIT	DUR-870252101	1	1-3/8	4	3/64	**109049**
BALE	DUR-870252102	1	1-1/2	4	1/8	**109050**
BAND	DUR-870252103	1	1-5/8	4	1/8	**109051**
BASE	DUR-870252104	1	2	4	1/8	**109052**
BEAM	DUR-870292100	1-1/8	1-1/2	4-1/2	3/64	**109059**
BELT	DUR-870292101	1-1/8	1-5/8	4-1/2	1/8	**109060**
BEND	DUR-870292102	1-1/8	1-3/4	4-1/2	1/8	**109061**
BIND	DUR-870322100	1-1/4	1-1/2	5	3/64	**109067**
BIRD	DUR-870322101	1-1/4	1-3/4	5	1/8	**109068**
BITE	DUR-870322102	1-1/4	2	5	1/8	**109069**
BLOW	DUR-870322103	1-1/4	2-1/8	5	1/8	**109070** N
BOAT	DUR-870352100	1-3/8	1-7/8	5-1/2	1/8	**109075**
BOLD	DUR-870352101	1-3/8	2	5-1/2	1/8	**109076**
BOND	DUR-870352102	1-3/8	2-1/8	5-1/2	1/8	**109077**
BOSS	DUR-870382100	1-1/2	2	6	1/8	**109083**
BRAD	DUR-870382101	1-1/2	2-3/8	6	1/8	**109084**
BROW	DUR-870452100	1-3/4	2-3/8	7	1/8	**109091**
BUCK	DUR-870452101	1-3/4	2-5/8	7	1/8	**109092**
CALL	DUR-870512100	2	2-5/8	8	1/8	**109099**
CALM	DUR-870512101	2	3	8	1/8	**109100**
CAMP	DUR-870512143	2	2-3/4	8	1/8	**109101**
CAPE	DUR-870542101	2-1/8	3-1/8	8-1/2	1/8	**109105** N
CARE	DUR-870572100	2-1/4	2-15/16	9	1/8	**109108**
CART	DUR-870572101	2-1/4	3-1/8	9	1/8	**109109**
CASE	DUR-870572102	2-1/4	3-3/8	9	1/8	**109110**
CARD	DUR-870572133	2-1/4	3	9	1/8	**109111**
CORD	DUR-870642100	2-1/2	3-1/8	10	1/8	**109118**
CORN	DUR-870642101	2-1/2	3-3/8	10	1/8	**109119**
CROW	DUR-870702100	2-3/4	3-3/8	11	1/8	**109125** N

Shaft Nut Kits

Kits contain:
(1) Brass Key Stock,
(1) Brass Jam Nut,
(1) Brass Hex Nut and
(1) Stainless Steel Cotter Pin

Part#	Shaft	Order#
ESX-990070	7/8"	**110174**
ESX-990071	1"	**110175**
ESX-990072	1-1/4"	**110176**
ESX-990073	1-3/8"	**110177**
ESX-990074	1-1/2"	**110178**
ESX-990075	1-3/4"	**110179**
ESX-990076	2"	**110180**
ESX-990088	2-1/2"	**110182**

Buck Algonquin Packing Boxes

The nut, spud and body are finely machined cast bronze. Hose is 5-ply marine hose. All clamps are stainless steel.

Part#	Shaft Size	Flax Packing Size	Hose Size	Order#
BKA-00PB075	3/4"	3/8"	1-1/2"	**103448**
BKA-00PB088	7/8"	5/16"	1-3/4"	**138575**
BKA-00PB100	1"	1/4"	1-3/4"	**103449**
BKA-00PB100FG	1"	1/4"	2"	**103450**
BKA-00PB100X	1"	1/4"	1-1/2"	**103451**
BKA-00PB113FG	1-1/8"	3/16"	2"	**168310**
BKA-00PB125	1-1/4"	1/4"	2-1/4"	**103453**
BKA-00PB125FG	1-1/4"	1/4"	2"	**103454**
BKA-00PB138	1-3/8"	5/16"	2-1/2"	**139257**
BKA-00PB150	1-1/2"	1/4"	2-1/2"	**103457**
BKA-00PB175	1-3/4"	1/2"	3"	**139735**
BKA-00PB200	2"	3/8"	3"	**103460** N

Buck Algonquin Shaft Logs

Call for pricing and availability

BKA-00SLL

BKA-00SLLA

BKA-00SLRL

Buck Algonquin Packing Box Wrenches

Ductile iron plated

Part#	Overall Length	Fits Packing Nut & Lock Nut	Opening Size	Order#
BKA-3BPBW100	9"	1" to 1-1/8"	2"	**148317**
BKA-3BPBW125	9-1/4"	1-1/4"	2-5/16"	**156073**
BKA-3BPBW150	9-1/2"	1-3/8" to 1-1/2"	2-9/16"	**141530**
BKA-3BPBW200	10-1/2"	1-3/4" to 2"	3-1/4"	**140529**

Buck Algonquin Packing Box Hose

5-Ply Marine Hose

Part#	I.D.	O.D.	Length	Order#
BKA-80HO150	1-1/2"	2-1/4"	4"	**103999**
BKA-80HO175	1-3/4"	2-3/8"	4-1/2"	**104000**
BKA-80HO200	2"	2-3/4"	4"	**104002**
BKA-80HO225	2-1/4"	3"	4-1/2"	**104003**
BKA-80HO250	2-1/2"	3-1/4"	5"	**104004**
BKA-80HO300	3"	3-1/2"	5-1/2"	**104005**

GROCO®

Thru-Hull Fitting Installation Tool

Aluminum. Installs thru-hull fittings with a single installer. Fits thru-hulls 1/2"-3".
GRO-THT-530
Order# 741255

Drip Less® Moldable Shaft Packing Kits

Eliminates frequent haulouts, outlasts conventional packing, no water needed to operate, increases performance, reduces friction. WPT-1014

Will Pack	Order#
Up to 8 rings & up to 1-1/4" shaft	**163808**
8-15 rings, Up to & inclu. 3" shaft	**163809**

Brass Key Stock Sold by the inch or foot.

Part#	Size	Order#
HMM-KBZ801	1/4"	**118480**
HMM-KBZ802	5/16"	**118481**
HMM-KBZ803	3/8"	**118482**
HMM-KBZ804	7/16"	**118483**
HMM-KBZ805	1/2"	**118484**

24" Flax Packing

Teflon-type packing lubricates and forms a more watertight seal. If your shaft size is not listed below, order the next size up. Minimum of 3 rings needed at 20° staggered joints.

Shaft Size	Packing	Regular	Teflon
5/8", 3/4"	1/8"	**101669**	**101676**
3/4", 7/8"	3/16"	**101670**	**101677**
1", 1-1/8"	1/4"	**101671**	**101678**
1-1/4", 1-3/8"	5/16"	**101672**	**101679**
1-1/2"	3/8"	**101673**	**101680**
1-1/2", 1-5/8"	7/16"	**101674**	**101681**
1-3/4", 2"	1/2"	**101675**	**101682**

1 Lb. Spools

Greased flax packing

Shaft Size	Approx. Ft/Spool	Packing	Order#
1", 1-1/8"	30	1/4"	**107348**
1-1/4", 1-3/8"	15	5/16"	**107349**
1-1/2"	13	3/8"	**107350**
1-1/2", 1-5/8"	8	7/16"	**107351**
1-3/4", 2"	7	1/2"	**107352**

High Performance Packing

Duramax® Ultra-X™ Marine Compression Packing

High-performance, non-asbestos, braided packing specifically engineered to meet the demands of marine propulsion. Its excellent lubricity and high thermal conductivity keeps shafts running cool at all speeds. Unlike flax packing and other packing materials, once Ultra-X is installed you never need to worry about it again, virtually eliminating maintenance. It requires no grease, stays flexible and pliable, will not harden, swell or become brittle - virtually eliminating costly damage caused by extensive shaft scoring and wear. Sold by the inch or 1 lb box. 5/8" and 3/4" are 3 lbs boxes.

Part#	Size	Approx. Ft./Lb.	lbs/box	Order#
DUR-UX0125-01	1/8"	67	1 lb	**176151**
DUR-UX0188-01	3/16"	35	1 lb	**176152**
DUR-UX0250-01	1/4"	20	1 lb	**176153**
DUR-UX0313-01	5/16"	13	1 lb	**176150**
DUR-UX0375-01	3/8"	9.5	1 lb	**176149**
DUR-UX0438-01	7/16"	7	1 lb	**176148**
DUR-UX0500-01	1/2"	5	1 lb	**176147**
DUR-UX0625-01	5/8"	3.2	3 lb	**176156**
DUR-UX0750-01	3/4"	2.3	3 lb	**176155**

Propeller Shaft Couplings

Available in solid or split hub.
Made of ductile iron. BKA-50

Model#	Size	Hub	Order#
50400B1250	1-1/4"	Split	**103878**
50400B1500	1-1/2"	Split	**103879**
50475A1250	1-1/4"	Split	**148048**
50500A1250	1-1/4"	Split	**103888**
50500A1375	1-3/8"	Split	**103889**
50500A1500	1-1/2"	Split	**103890**
50500C1750	1-3/4"	Split	**103893**
50MC0041	1"	Solid	**103898**
50MC004125	1-1/4"	Solid	**103900**
50MC005150	1-1/2"	Solid	**103905**

Gasket End Plate

For large manifold.
OSC-BG **Order# 125943**

Water Cooled 45° Exhaust Elbows

- Extra heavy close nipple included
- Malleable iron
- Rust Resistant

Part#	Shank	Order#
BKA-31EE200	2" FPT x 2-3/8"	**103855**
BKA-31EE250	2-1/2" FPT x 3"	**103856**

Adjustable Engine Mounts

Specifically designed to withstand temperature extremes and prolonged exposure to salt, atmosphere, oil and grease. Designed to cushion under normal loads. No metal to metal contact at any point over the weight range, eliminating any danger of excessive impact. Mounts have a one inch vertical adjustment using two hex jam nuts. The mounting bolt centers are 4".

Part#	Engine Weight	Base	Width	Height	Thread	Order#
OSC-DF-206	500-850	5"	2-3/4"	4-9/16"	5/8" - 18	**126012**
OSC-DF-216	850-1100	5"	2-3/4"	4-9/16"	5/8" - 18	**126013**
BAR-80001	1400	5"	1-3/4"	4-1/2"	5/8" - 18	**729844**

Damper Plate

26 Spline, 331 to 460 cubic inches.
OSC-AS7K2C **Order# 125939**

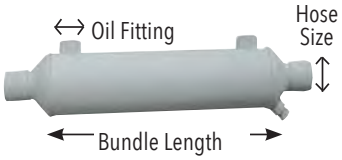
Keel Pipe Fittings

Cast bronze thru hull.
Fits copper tubing.

Part#	Description	Order#
HSL-STIF-1	1" Thru Hull	**119096**
HSL-STIF-114	1 1/4" Thru Hull	**119097**
HMM-1RBCXC	1" Return Bend	**118442**
HMM-114RBCXC	1 1/4" Return Bend	**118441**

Oil Coolers

Hydraulic, transmission and engine.



Part#	Bundle Length	Oil Fitting	Hose Size	Order#
SKP-SK29133	9"	3/8"NPT	1"	**139376**
SKP-29134	9"	3/8"NPT	1.25"	**139863**
SKP-212133	12"	3/8"NPT	1"	**131089**
SKP-212135	12"	3/8"NPT	1.5"	**736294**

Flexible Couplings

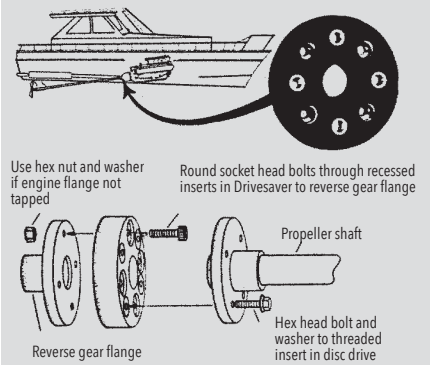
THE DRIVESAVER

Total protection for your drive train. Provides a flexible barrier between your transmission and shaft. Absorbs thrust and torque from the propeller shaft, as well as excessive shock from changing gears. Acts like a circuit breaker for your engine.

Additional models available

Model	Shaft Flange Dia.	# of Bolts	Bolt Dia.	Bolt Circle	Pilot Dia.	Coupling* Dia.	Coupling* Thickness	Package Wt. (lbs.)	Torque Rating ft.lbs.	Plus Rated ft.lbs.	Order#
404A	4"	4	3/8"	3-1/4"	2-1/2"	5"	1"	1-3/4	550		**116463**
404AC	4"	4	3/8"	3-1/4"	2-5/8"	5"	1"	1-3/4	550		**116465**
424Y	3-15/16"	4	25/64"	3-1/16"	1-31/32"	4-1/4"	1"	2-1/4	550		**116485**
4756	4-3/4"	6	7/16"	3-7/8"	2-1/2"	6"	1"	2-1/4	675		**116470**
504	5"	4	7/16"	4-1/4"	2-1/2"	6"	1"	2-3/4	675	1600	**116471**
504A	5"	4	3/8"	4-1/8"	2-3/4"	6"	1"	2-1/2	675	1600	**116473**
504PR	5"	4	7/16"	4-1/4"	2-1/2"	6"	1"	4		1600	**116472**
5756	5-3/4"	6	1/2"	4-3/4"	3"	6-13/16"	1-1/8"	4-1/4	1800	3000	**116475**
5756A	5-3/4"	6	1/2"	4-3/4"	3"	6-3/8"	1-1/8"	4	1800	3000	**116477**
7256	7-1/4"	6	5/8"	6"	3-3/4"	8-3/8"	1-3/16"	8	3200	4400	**116479**

*Drivesaver Measurements



Bushing Kits

For Drivesaver	Size	Order#
5756	5/8" to 1/2"	**116487**
7256	3/4" to 5/8"	**116488**

Noise Control

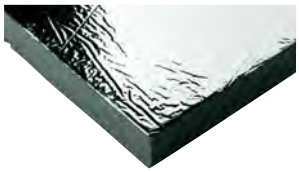
Engine noise, propeller cavitation, shaft whirl, and generator sets all create noise and vibration that can be controlled with the right noise control materials. Sound absorbers and sound barriers block airborne sound and absorb sound energy. Vibration damping materials reduce structural vibration at the source. Vibration isolation materials reduce vibration energy transmitted from one source to another. *These products do not contain lead.* Materials not intended for temperatures above 250º. Not fire proof. Not USCG approved.

Engine Room Noise Control

Engine rooms generate both airborne and vibrational noise. Depending on the size and type of your engine, use foam absorbers, sound barrier composites, or a combination of the two. For maximum noise reduction, the composites give the best results.

Absorbers

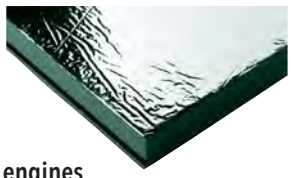
For gasoline and small diesel engines
1" thick acoustical foam with reinforced metalized polyester film facing. Adhesive backing. 32" x 54" sheets



HMQ-SA3254M1
Order # 154807

Adhesive Backing!

Adhesive Backing!



Sound Barrier Composites

For larger gasoline and all diesel engines
Sound barrier and foam composite. 1" thick with reinforced metalized polyester film facing. Consists of a layer of 1/2" foam, a lead substitute barrier (1 lb./sq. ft.) and 1/2" of foam decoupler. Adhesive backing. 32" x 54" sheets
HMQ-SBC3254M1 **Order# 154810**

Noise Control Kits

Ideal for the "do-it-yourselfer." Available in three kits to suit most noise control applications. Kit includes 12 sq. ft. of noise control material with pressure sensitive adhesive backing, installation hardware, seaming tape and instructions.

Adhesive Backing!

1" Sound Absorber

For gasoline engines
Includes 1" thick foam sheet absorber (32"x 54") with metalized facing and adhesive backing, installation hardware and instructions.
HMQ-SA3254MK1 **Order# 154811**

Adhesive Backing!

1/2" Sound Barrier Composite

For minimum clearance applications
Includes 1/2" thick sound barrier and foam composite. (32"x 54"). Lead substitute barrier (1 lb./sq. ft.) sandwiched between 2 layers of foam, with metalized facing and adhesive backing. Installation hardware and instructions included.
HMQ-SBC3254M.5 **Order# 154812**

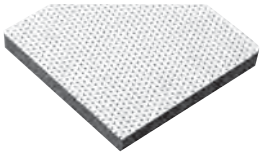
Adhesive Backing!

1" Sound Barrier Composite

For larger gasoline and all diesel engines
Includes 1" thick sound barrier and foam composite. (32"x 54"). Lead substitute barrier (1 lb./sq. ft.) sandwiched between 2 layers of foam, with metalized facing and adhesive backing. Installation hardware and instructions included. HMQ-SBC3254MK1 **Order# 154813**

Salon and Stateroom Noise Control

Create an appealing appearance and improve sound quality with acoustic headliners and hull liners. Block undercabin sound transmission, dampen footfall noise and improve comfort with acoustic floor underlayments.



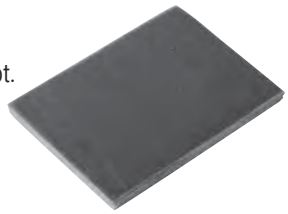
Head & Hull Liner

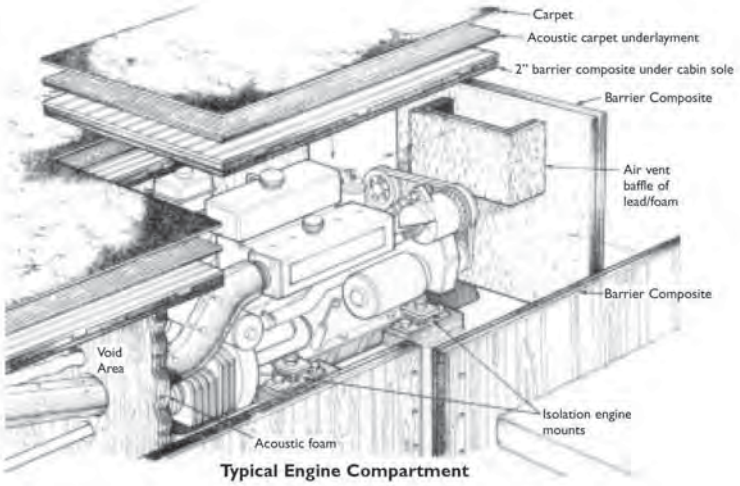
1/4" acoustical foam with perforated marine grade vinyl facing.
54" x running foot. HMQ-HL54-.25
Order# 154814

Acoustic Floor Underlayment

1 lb./sq. ft. sound barrier composite with 1/4" foam decoupler. Premium closed cell sponge. 54" x Running foot. Does not require adhesive.

HMQ-AFU54-.25P
Order# 154827





Typical Engine Compartment

Installation Kit

10 hangers, 10 fasteners and caps. 1 roll seaming tape.
HMQ-IKIT
Order # 154828

Seaming Tape

2" x 15 ft. Aluminized poly.
HMQ-ST-5 **Order # 165979**

2" x 72 yds. Chrome.
HMQ-HTA20L **Order # 170977**

3M Adhesive

MMM-08090
Order# 150416

Good for Headliner too!

Navigate with confidence using Anchor Hatches

At Anchor Hatches, we only use premium materials and quality craftsmanship. The hatches are machined before being anodized so all the cut edges are protected. We take pride in building our products, so that you can take pride in owning them.
Think quality, think Anchor Hatches.

All Hatches Aluminum with Stainless Steel Trim Ring

Standard Hatches

Minimal Wear and Tear.
No Up and Down
Movement on Hardware!

HM-H10
Order# 148397

HM-H1212A
Order# 142262

HM-H2436A
Order# 155426

HM-H2030A
Order# 117459

Part#	Opening	Deck Cutout	OD Deck Flange	Order#
HM-H10	9" Round	10.5"	12"	**148397**
HM-H1212A	10" x 10"	12.5" x 12.5"	15.5" x 15.5"	**142262**
HM-H1624A	14" x 22"	16.5" x 24.5"	19.5" x 27.5"	**117454**
HM-H2030A	18" x 28"	20.5" x 30.5"	23.5" x 33.5"	**117459**
HM-H2424A	22" x 22"	24.5" x 24.5"	27.5" x 27.5"	**142226**
HM-H2430A	22" x 28"	24.5" x 30.5"	27.5" x 33.5"	**155425**
HM-H2436A	22" x 34"	24.5" x 36.5"	27.5" x 39.5"	**155426**
HM-H-WRENCH	15" Painted Hatch 3/4" Wrench			**167185**
HM-H-GASKET	Rubber Gasket Material			**150380**

Hatches do NOT include wrench for opening.

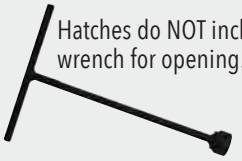
Quick Release Hatches

Built in self-draining gutter system. Tension adjustable locking mechanism. Four-dog quick-release lock.
HM-H10-QR has two lift rings (pictured right), does not require a wrench.

Part#	Opening	Deck Cutout	OD Deck Flange	Order#
HM-H10-QR	9" Round	10.5"	12"	**176770**
HM-H1212A-QR	9" x 9"	12.5" x 12.5"	15.5" x 15.5"	**173510**
HM-H1624A-QR	13" x 21"	16.5" x 24.5"	19.5" x 27.5"	**170649**
HM-H2030A-QR	17" x 27"	20.5" x 30.5"	23.5" x 33.5"	**170650**
HM-H2424A-QR	21" x 21"	24.5" x 24.5"	27.5" x 27.5"	**170651**
HM-H2430A-QR	21" x 27"	24.5" x 30.5"	27.5" x 33.5"	**173444**
HM-H2436A-QR*	21" x 33"	24.5" x 36.5"	27.5" x 39.5"	**173448**
HM-H2448A-QR*	21" x 45"	24.5" x 48.5"	27.5" x 51.5"	**173451**
HM-H-WRENCH-QR	18" Painted Quick Release 1-1/2" Wrench			**170652**
HM-H-GASKET	Rubber Gasket Material			**150380**

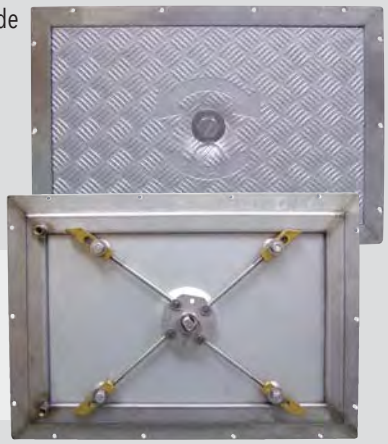
*These hatches have 2 quick release bolts to open

HM-H10-QR
Order# 176770



Hatches do NOT include wrench for opening.

Outside



Inside

FREEMAN MARINE EQUIPMENT, INC.

Cast Aluminum Commercial Hatches

MADE IN THE USA

Round Aluminum Lift-Out Hatches

Outside Opening Only
(Optional inside escape handle below)

Part#	Size	Seal Type	Order#
FMN-2404-0002	18"	Compression	**754519**
FMN-2406-0002	20"	Compression	**754520**
FMN-2408-0002	22"	Compression	**754521**
FMN-2411-0002	24"	Compression	**754522**

Square Aluminum Hatches

Outside Opening Only
(Optional inside escape handle below)

Part#	Size	Description	Seal Type	Order#
FMN-2422-0002	20"	Lift-Out	Compression	**754523**
FMN-2423-0002	22"	Lift-Out	Knife-edge	**754524** N
FMN-2424-0002	24"	Lift-Out	Knife-edge	**754529**
FMN-2464-0002	24"	Hinged	Knife-edge	**754526**
FMN-2428-000-1	36"	Lift-Out	Knife-edge	**754525** N

Oval Aluminum Hatches

Outside Opening Only
(Optional inside escape handle below)

Part#	Size	Description	Seal Type	Order#
FMN-2433-0002	15" x 24"	Lift-Out	Compression	**754527**
FMN-2473-0002	15" x 24"	Hinged	Compression	**754941**
FMN-2475-0002	19" x 26"	Hinged	Knife-edge	**754528**

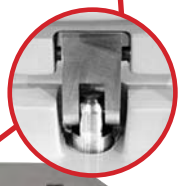
18" Round Lift-Out
FMN-2404-0002

24" Round Lift-Out
FMN-2411-0002

24" Square Lift-Out
FMN-2424-0002

24" Square Hinged
FMN-2464-0002

Allows the hatch to be opened more than 180° and "floats" when the hatch is closed to facilitate a tighter seal.



Parts

Replacement Dog Arm for 15" x 24" Oval Hatch
FMN-0211-2004 **Order# 755350**

Replacement Dog Arm for 19" x 26" Oval Hatch
FMN-0211-2007 **Order# 755490**

Replacement Dog Arm for 24" x 24" Square Hatch
FMN-0211-2013 **Order# 755351**

Inside escape handle kit for all hatches over 18" dia.
FMN-0031-2064 **Order# 755181**

15" x 24" Oval Lift-Out
FMN-2433-0002

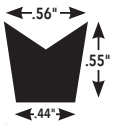
19" x 26" Oval Hinged
FMN-2475-0002

MANY OTHER SIZES & OPTIONS AVAILABLE!

Installation Materials

Gaskets

15" x 24" Oval



By the Foot
Order# 754614

Full Gasket
Order# 754590

24" x 24" Square

By the Foot
Order# 754623

Full Gasket
Order# 754585

Securing the Gasket

Sikaflex 291
Long Open Time 10.3 oz

Color	Order#
Black	**147924**
White	**147215**

Joining the Gasket Ends

Super Glue, 2 g tube
SG-754624
Order# 717229

Bedding the Ring

3M 4200 Fast Cure 10 oz

Color	Order#
White	**123363**
Black	**123364**

3M 5200 10 oz

Color	Type	Order#
Black	Regular	**123355**
White	Regular	**123352**
White	Fast Cure	**123360**

BOMAR Commercial Hatches

Easy Opening 4-Dog System
Flush, Watertight, Cast Aluminum

Guaranteed to 30' Head

Easy to open. These hatches open from the outside only. These rugged, lightweight, reasonably priced hatches are made of Almag-35, the highest non-corrosive of any known aluminum casting alloy. This alloy meets US Army specs for lightweight armor and aircraft landing gear. The hatches are watertight to a 30' head and have a tensile strength of 44,000 lbs per square inch. All pins, rods, screws, springs and bolts are 18-8 non-magnetic stainless steel or Almag-35.

17 BOMAR hatches and portlights have been used exclusively for 22 years on this Searsport Pilot Boat with no leakage or problems.

Outside Opening Only

15" x 24"

BOM-C41524-O
Order# 104612

24" x 24"

Bad Tag!
Order# 104619

Part#	Description	Opening Size	Deck Cutout	O.D. Of Deck Flange	Hatch Extends Below Deck	Weight	Order#
BOM-C420	Round 4 Dog	20"	23"	26-1/2"	7-1/4"	32 lbs	**104616**
BOM-C41218	Oval 4 Dog	12-3/16"x18-1/4"	14-15/16"x21"	18-11/16"x24-3/4"	5-5/8"	27 lbs	**104610**
BOM-C41524-O	Oval 4 Dog	15" x 24"	17-3/4"x26-3/4"	21-3/4"x30-1/2"	5"	34 lbs	**104612**
BOM-C41524-H	Hinged 4 Dog	15" x 24"	20-1/2"x26-3/4"	23-1/2"x30-1/2"	5"	34 lbs	**104613**
BOM-C42424	Square 4 Dog	24" x 24"	27" x 27"	31" x 31"	7-1/4"	45 lbs	**104619**

Hatch Gasket Material for Commercial Hatches. BOM-P100-53 **Order# 104794** **/foot /24' Coil**

BOMAR Tread Plate Access Hatch

Hatch covers are made from high quality 5 bar, marine grade, anodized aluminum tread plate. The 316 stainless steel dog fastener has a position indicator and a stainless recessed lanyard ring, which can rest in either position. Frames are heavy, 12-gauge 316 stainless steel. (Optional aluminum frames available.) Cover wrench sold separately.

Part#	Hatch Opening	Cutout	O.D. of Deck Flange	Order#
BOM-S40127	22-9/32"x14-9/32"	24-1/2"x16-1/2"	26/21/32"x18-21/32"	**760733**
BOM-S40128	28-9/32"x22-9/32"	30-1/2"x24-1/2"	32-21/32"x26-21/32"	**760736**
BOM-S40129	10-9/32"x10-9/32"	12-1/2"x12-1/2"	14-21/32"x14-21/32"	**760732**
BOM-S40131	28-9/32"x18-9/32"	30-1/2"x20-1/2"	32-21/32"x22-21/32"	**760734**
BOM-S40132	22-9/32"x22-9/32"	24-1/2"x24-1/2"	26-21/32"x26-21/32"	**760735**
BOM-S40133	34-9/32"x22-9/32"	36-1/2"x24-1/2"	38-21/32"x26-21/32"	**760737**

Hatch Wrench Stainless steel, hex drive. Fits all tread plates. BOM-P4201104 **Order# 760747** N

BOMAR Cast Aluminum Access Hatches

Featuring locking "T" handles for easy operation, stainless steel bolts. Bases threaded with stainless steel inserts, non-skid surface. Color: Aluminum, W = White

Part#	I.D. Opening	I.D. Deck Cutout	O.D. Deck Flange	Hatch Extends Below Deck	Order#
BOM-C4T806	5-3/16"	6-3/8"	8-3/4"	1-1/2"	**104624**
BOM-C4T806-W	5-3/16"	6-3/8"	8-3/4"	1-1/2"	**104626**
BOM-C4T808	7-15/16"	8-1/2"	10-7/16"	1/2"	**104627**
BOM-C4T808-W	7-15/16"	8-1/2"	10-7/16"	1/2"	**104628**
BOM-C4T810	9-1/4"	10-1/4"	12-1/2"	1/2"	**104629**

Hatch Gasket Material for 806/808 Hatches. BOM-P100-54 **Order# 177415**

BOMAR Cast Aluminum Inspection Hatches

Featuring two locking "T" handles for easy operation, low profile, stainless steel hinge pins, flush mounting and non-skid surface.

Part#	Hatch Opening	Cut Out	O.D.	Order#
BOM-C4T812	11-1/8" x 8-13/16"	12-7/8" x 10-3/4"	15-5/16" x 13-1/16"	**147406**
BOM-C4T1020	19-1/4" x 10-1/16"	21" x 12"	24-7/16" x 14-7/16"	**147407**
BOM-C4T1416	15-3/4" x 13-9/16"	17-5/8" x 15-11/16"	20-1/8" x 18-1/8"	**104622**

C4T812

C4T1020
C4T1416

Beckson

Flush Hatches

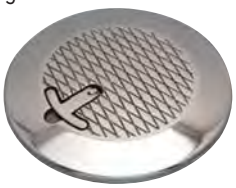
1/2" closed height, weather-tight seal, opens full 180°, nothing to snag lines, one hand operation, mounts vertical or horizontal, UV stabilized material, invisible fasteners, non-skid diamond pattern surface.

Part#	O.D.	I.D.	Hole Cut	Order#
BEC-HT1515-W	14-5/8" x 14-3/4"	11-1/8" x 11-1/4"	11-3/4" x 11-3/4"	**170287**
BEC-HT1115-W	10-3/4" x 14-3/4"	7-1/4" x 11-1/4"	7-7/8" x 11-3/4"	**170289**
BEC-HT1024-W	9-1/2" x 23-7/8"	6" x 20-1/2"	6-3/4" x 20-7/8"	**170290**
BEC-HT1424-W	14" x 24"	10-1/2" x 20-3/8"	11-1/8" x 20-7/8"	**170288**
BEC-HT1821-W	18-1/8" x 20-1/2"	14-5/8" x 17"	15-3/8" x 17-3/8"	**170286**

Suncor Stainless

Convex Access Hatch

9" outer diameter, with inner 6" hole. Extra low profile with rubber gasket for weather tight seal and a convex non-slip/ non-skid surface top. Grade 316 stainless steel for maximum corrosion resistance and durability, making it ideal for boat decks on the ocean.
SCR-S3812-0150
Order# 153410



BOMAR Poly-Carbonate

Access Hatches

No screws visible. Clean textured lid. Low profile.

Part#	Hatch Opening	Cut Out	O.D.	Order#
BOM-7711-W	7-1/8" x 11-1/8"	8-3/16" x 12-3/16"	9-1/16" x 13-1/16"	**147093**
BOM-7812-W	9-13/16" x 12"	10-7/8" x 13-1/16"	12-3/8" x 14-9/16"	**147094**
BOM-71020-W	11-1/16" x 20-1/16"	12-1/8" x 21-1/8"	13-5/8" x 22-5/8"	**147095**
BOM-71030-W	10-5/16" x 27-5/16"	11-3/8" x 28-3/8"	12-7/8" x 29-7/8"	**147096**
BOM-71621-W	12-7/8" x 18-1/16"	13-15/16" x 19-1/8"	15-7/16" x 20-5/8"	**150808**

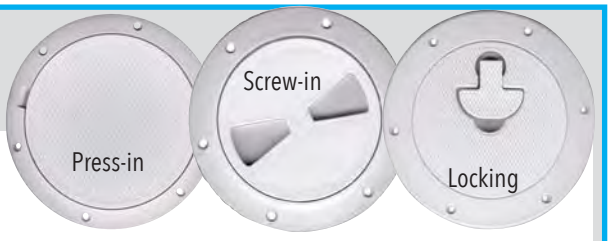
BOMAR

Low Profile Inspection Hatch

Part#	Hatch Opening	Cut Out	O.D.	Order#
BOM-8711-B	7" x 11"	8-3/16" x 12-3/16"	10-1/4" x 14-1/4"	**139713**
BOM-8711-W	7" x 11"	8-3/16" x 12-3/16"	10-1/4" x 14-1/4"	**104571**
BOM-8812-BK	8-1/2" x 11-3/8"	10-3/4" x 12-15/16"	12-1/2" x 15-1/2"	**104575**
BOM-8812-W	8-1/2" x 11-3/8"	10-3/4" x 12-15/16"	12-1/2" x 15-1/2"	**104578**
BOM-81020-B	9-3/4" x 19-1/2"	12" x 21-1/16"	13-3/4" x 23-1/2"	**138901**
BOM-81020-W	9-3/4" x 19-1/2"	12" x 21-1/16"	13-3/4" x 23-1/2"	**104547**
BOM-81030-W	9-3/4" x 26-3/4"	11-3/8" x 28-3/8"	14" x 31"	**104549**
BOM-81618-W	14" x 16"	16-1/4" x 17-5/8"	18-1/8" x 20-3/16"	**104553**

BOMAR

PHYI Deck Plates



High Impact Polycarbonate, UV Stabilized, Acetone Resistant

Part#	Size	Color	Center	I.D.	O.D.	Cutout	Order#
BOM-800	4"	White	Screw In	3-7/8"	5-13/16"	4-1/4"	**138552**
BOM-800-W	4"	Stark White	Screw In	3-7/8"	5-13/16"	4-1/4"	**104544**
BOM-802	4"	Black	Screw In	3-7/8"	5-13/16"	4-1/4"	**104545**
BOM-820	6"	White	Press In	5-3/4"	7-1/2"	6-1/2"	**104555**
BOM-820-W	6"	Stark White	Press In	5-3/4"	7-1/2"	6-1/2"	**104556**
BOM-821	6"	Black	Press In	5-3/4"	7-1/2"	6-1/2"	**104557**
BOM-824	6"	White	Screw In	5-3/4"	8-1/16"	6-3/8"	**104558**
BOM-824-W	6"	Stark White	Screw In	5-3/4"	8-1/16"	6-3/8"	**138548**
BOM-825	6"	Black	Screw In	5-3/4"	8-1/16"	6-3/8"	**104559**
BOM-836	6"	White	Locking	5-3/16"	8-3/8"	6-3/8"	**104563**
BOM-831	8"	White	Press In	7-5/8"	9-7/16"	8"	**104560**
BOM-831-W	8"	Stark White	Press In	7-5/8"	9-7/16"	8"	**104561**
BOM-832	8"	Black	Press In	7-5/8"	9-7/16"	8"	**104562**
BOM-840	8"	White	Locking	7-5/16"	10-9/16"	8-1/2"	**104564**
BOM-841	8"	Black	Locking	7-5/16"	10-9/16"	8-1/2"	**104565**
BOM-844	10"	White	Locking	9-1/4"	12-1/2"	10-1/2"	**104566**
BOM-845	10"	Black	Locking	9-1/4"	12-1/2"	10-1/2"	**104567**

vetus

New!

Univeral Inspection Port

This large inspection port for (bio)diesel, fuel, fresh water and waste water tanks has a flange-in-ring design which makes opening of the port easy, even after being closed for a long time. With a 4.724" diameter, the port meets the ISO21487 regulations for fuel tanks. The counter flange and rubber seal are inserted in a 6.259" hole in the tank, tightened by 4 bolts. When compressed, the rubber seal expands sideways to lock the inspection port into the tank. Cleaning and inspecting the tank has never been this easy.
VET-ILT120 **Order# 760748**

sogeman

Hatch Insect Screens

A simple solution for no-see-ums, mosquitos and other bugs. Easy installation; just put the screen over the hatch and the generous dimensions allow the hatch to open fully from the inside. 100% mil spec polyester mesh. Lead ballasted (will not affect compass). Stows in a strong plastic carrying case. To measure add 10 to 20% extra to your closed hatch size. Example: 16" x 20" hatch would use a 18" x 22" screen.

Part#	Size	Order#
SOG-ME1822	18" x 22"	**738639**
SOG-ME2525	25" x 25"	**738640**
SOG-ME3030	30" x 30"	**738641**
SOG-ME3636	36" x 36"	**738642**

sogeman

Companionway Insect Screens

Allows full companionway opening permitting very easy access to and from cockpit. 100% mil spec polyester mesh, military spec, flame retardant. Lead ballasted (will not affect compass). Installs easily by attaching to hand rails with built-in ties. Allows easy access to and from cockpit. Stows in a strong plastic carrying case. To measure take maximum inside companionway measurement and add 3" on each side and on top to fit neatly. Example: 30" x 68" inside opening, would use a 36" x 72" screen. On the tapered screens, the tapering begins at the halfway point of the length, 34" and 39" respectively.

Part#	Style	L x W	Order#
SOG-MD3672	Rectangle	72" x 36"	**738650**
SOG-MD4077	Tapered	77" x 40"	**738651**
SOG-MD4868	Tapered	68" x 48"	**738652**

LEWMAR Low Profile Hatches

The sleekly designed Low Profile Hatch is ideal for use on sail and power boats. For sail, use friction lever lids. For power, use stay arm hatches for larger sizes. Anodized aluminum frame resists corrosion and curved upper frame profile provides strength and modern styling. Outside handles allow opening from on deck, if hatch is unlocked. All sizes suitable for CE area 2 (deck, coach-roof, cockpit and transom).

Hatches with Friction Lever Lid

Part#	Size	Overall L x W x H	Cutout L x W	Order#
LEW-39910030	10	12" x 12" x 1"	10-1/4" x 10-1/4"	**753193** N
LEW-39930030	30	15-5/8" x 20-3/4" x 1"	12-7/8" x 18"	**753194** N
LEW-39940030	40	19-5/16" x 19-5/16" x 1"	16-9/16" x 16-9/16"	**753195** N
LEW-39944030	44	20-3/16" x 20-3/16" x 1"	17-3/8" x 17-3/8"	**149384**
LEW-39960030	60	22-11/16" x 22-11/16" x 1"	19-15/16" x 19-15/16"	**753196**

Hatches with Stay Arm

LEW-399400303	40	19-5/16" x 19-5/16" x 1"	16-9/16" x 16-9/16"	**756233** N
LEW-399440303	44	20-3/16" x 20-3/16" x 1"	17-3/8" x 17-3/8"	**756246** N
LEW-399600303	60	22-11/16" x 22-11/16" x 1"	19-15/16" x 19-15/16"	**735580**

BOMAR

Molded Portlight

Made with corrosion proof materials. The spigot is angled to drain easily, and the stainless steel hardware is "pacified and electro-polished" to protect against salt water corrosion. White.
Port Opening: 7" x 17",
Hole Cutout: 8 1/2" x 18 7/16",
O.D. Flange: 10 11/16" x 20 5/8".
BOM-818-AD-27 **Order# 142084**

BOMAR

Stainless Steel Portlights

No visible outside fasteners. Reduces installation time and chance of leakage. CE Area 1 Approved.

Part#	Size	Order#
BOM-H6552-02	5" x 12"	**146053**
BOM-H6555-02	7" x 14"	**148120**

Beckson

Beckson Newport™ Opening Ports

Self-Drain ports are designed with an angled drainage ramp molded into the straight spigot. Ideal for mounting where installation is within 15° of vertical.

Rain-Drain ports are designed for installation where cabin sides have excessive mounting angles. The port will drain when tipped up to 45°. Open drain channels resist clogging. All ports listed have a white body and clear lens.

Color	Lens	Size	Spigot	Drain	Order#
White	Clear	5"x12"	1"	Self	**139547**
Black	Smoked	5"x12"	1"	Self	**103026**
White	Clear	5"x12"	2"	Rain	**103028**

Bed-It Butyl Tape

1/16" thick, 1/2" wide x 50' roll. Specifically formulated and extruded for the installation of deck fittings. Works across wide temperature ranges with minimal creep or cold flow. Stands up to typical boat washing chemicals. Sticks to the parts, not your fingers.
CMM-BUTYLTAP50 **Order# 755207**

nibo hatches by Bomar

BOMAR

Silver anodized aluminum guarantees long lasting finish. Tough acrylic top assures privacy, yet allows plenty of light. Locked vent position. Strong, oversized hinges. Hatch opens 180° back. Trim ring in off-white or black with screen available. * Trapezoid Hatch

Part#	Profile	Hatch Opening	Hole Cutout	O.D. Flange	Order#
BOM-N1000-10A	Low	9-5/8" x 9-5/8"	10-3/4" x 10-3/4"	12-3/8" x 12-3/8"	**104716**
BOM-N1070-10A	Low	15-7/16" x 15-7/16"	16-1/2" x 16-1/2"	18-3/16" x 18-3/16"	**104726**
BOM-N1039-10A	Low	19-1/8" x 19-1/8"	20-1/4" x 20-1/4"	21-7/8" x 21-7/8"	**104723**
BOM-N1039-10-W	Low	19-1/8" x 19-1/8"	20-1/4" x 20-1/4"	21-7/8" x 21-7/8"	**140086**
BOM-N1080-10A	Low	17-3/8" x 17-3/8"	18-1/2" x 18-1/2"	20-1/8" x 20-1/8"	**104727**
BOM-N2029-10A	High	12-1/4" x 17-3/8"	13-5/16" x 18-7/16"	15" x 20-1/8"	**104733**
BOM-N2039-10A	High	19-1/8" x 19-1/8"	20-3/16" x 20-3/16"	21-7/8" x 21-7/8"	**104734**
BOM-N2049-10AX	High	24" x 24"	25-1/16" x 25-1/16"	26-3/4" x 26-3/4"	**104736**
BOM-N2080-10AX	High	17-3/8" x 17-3/8"	18-7/16" x 18-7/16"	20-1/8" x 20-1/8"	**104738**
* BOM-N1090-10A	Low	20-7/8" x 15-7/16" x 16-1/4"	22" x 16-9/16" x 17-3/8"	23-5/8" x 18-3/16" x 19"	**104729** N
BOM-P2000-09	Low profile gasket material for 1/4" lens				**150803**
BOM-P2000-25	Low profile gasket material for 3/8" lens				**104805**
BOM-P2000-26	High profile gasket material				**104806**

Low Profile Molded Hatches

BOMAR

The Traditional Bomar Look!

Attractive low profile hatches are ideal for high traffic areas. Features easy locking quick dogs, a vent position and floated acrylic lens. Optional trim ring and screen.

Part#	Color	Hatch Opening	Hole Cutout	Order#
BOM-G910-10B	Black	9-3/16" sq.	9-1/2" sq.	**104652**
BOM-G910-10W	White	9-3/16" sq.	9-1/2" sq.	**104653**
BOM-G966-10B	Black	16-5/16" sq.	16-7/8" sq.	**104656**
BOM-G966-10W	White	16-5/16" sq.	16-7/8" sq.	**104657**
BOM-G995-10B	Black	19-1/4" sq.	19-3/4" sq.	**104658**
BOM-G995-10W	White	19-1/4" sq.	19-3/4" sq.	**104659**
BOM-P2000-25	Low profile gasket material			**104805**

vetus Escape, Deck and Ventilation Hatches

These low profile hatches can be opened from inside or outside the boat. They can be shut completely watertight or left open with a small air gap for permanent ventilation. An internal locking mechanism ensures the hatch cannot be opened from the outside if the boat is left unattended. Optional aluminum counter flange and mosquito screens are available.

Magnus Hatches

Heavy duty, hand-polished, anodized aluminum frame and dark-smoke acrylic lid. Friction hinges keep the hatch open in any position, without the need for stays. Opens from inside or outside the boat. CE classified AI, can be mounted anywhere on hull or deck above the waterline. VET-MAG

Magnus CE Classified AI

Part#	Cutout	Overall	Order#
VET-MAG2626S	10-1/4" x 10-1/4"	12-1/4" x 12-1/4"	**737782** N
VET-MAG4242S	16-9/16" x 16-9/16"	18-11/16" x 18-11/16"	**737925** N
VET-MAG5151S	19-15/16" x 19-15/16"	22" x 22"	**734660**

Altus Hatches

Sturdy, hand-polished, anodized aluminum frame and dark-smoke acrylic lid. Easy to use hatch adjusters. Opens from inside or outside the boat. CE classified AII, deck mount. VET-ALT

Altus CE Classified AII

Part#	Cutout	Overall	Order#
VET-ALT2626S	10-1/4" x 10-1/4"	13-1/4" x 13-1/4"	**737928** N
VET-ALT4747S	18-1/2" x 18-1/2"	20-1/2" x 20-1/2"	**737941** N
VET-ALT5151S	19-15/16" x 19-15/16"	23" x 23"	**737942**

Planus Hatches

Hand-polished, anodized aluminum frame and dark-smoke acrylic lid. Opens from inside or outside the boat. CE classified AII, deck mount. VET-PLA

Planus CE Classified AII

Part#	Cutout	Overall	Order#
VET-PLA32	16-11/16" x 11-9/16"	13-9/16" x 18-11/16"	**739169**
VET-PLA40	14-3/4" x 14-3/4"	16-11/16" x 16-11/16"	**739170**
VET-PLA50	18-1/2" x 18-1/2"	20-1/2" x 20-1/2"	**739172**

Windshield Hardware

Single Wing Windshield Latch
Stands off .250 recessed hole. Plastic.
Sold each or package of 5.
MT-0250-SW-B
Order# 124049

Thumb Windshield Latch
Stands off .035 flush hole. Plastic.
Sold each or package of 5.
MT-0035-B **Order# 124046**

Double Wing Windshield Latch
Stands off .022 recessed hole. Plastic. Sold each or package of 5.
MT-D222-B **Order# 124121**

Stand Off
1/2" ball and socket stand off.
Plastic. Sold each or package of 5.
MT-0500-BS-B **Order# 124108**

PERKO

Windshield Adjuster Side Mount

Chrome plated zinc alloy. Black plastic knob.
12" long overall. 9-1/2" length adjustment.
Takes #8 screws.
PKO-1290DPCHR **Order# 733944**

PERKO

Windshield Adjuster Offset Mount

Chrome plated zinc alloy. Black plastic knob.
12" long overall. 9-1/2" length adjustment.
Takes #8 screws. PKO-1291DPCHR
Order# 126841

PERKO

Windshield Adjuster

Chrome plated brass and zinc alloy. Black plastic knob. 3/8" O.D. rod. Takes #8 screws.

Model#	Rod Length	Order#
1116DP1CHR	8"	**139276**
1116DP2CHR	10"	**151870**
1116DP3CHR	12"	**154213**

Windshield Hardware

SEADOG LINE

Window Anti-Rattle
Chrome-plated brass.
Screw take-up: 1-5/16"
Fastener required: # 6 FH.
SD-322210-1
Order# 146663

SEADOG LINE

Window Anti-Rattle Latch
Chrome-plated brass.
Screw take-up: 1-5/16"
Fastener required: four # 10 FH.
SD-222110-1
Order# 143571

Hatch Hardware

PERKO

Hatch Fastener
Chrome-plated zinc alloy.
Bracket is 1 9/16"x1" and keeper is 1 7/8"x7/8".
Use # 8 screw.
PKO-967DPCHR
Order# 127311

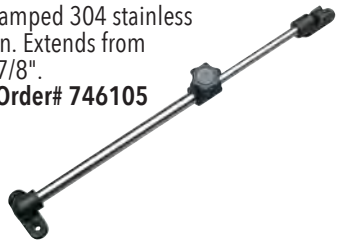
BOMAR

Performance Hatch Hinges
For BOMAR extruded hatches.
Includes two fasteners.

Part#	Color	Order#
BOM-P2000-116	White	**150802**
BOM-P2000-117	Black	**150800**

SEADOG LINE

Hatch Adjuster
Formed and stamped 304 stainless steel with nylon. Extends from 11-1/8" to 17-7/8".
SD-321291-1 **Order# 746105**



SEADOG LINE

Hatch Spring

Formed and stamped 304 stainless. 8-3/4" long. Internal wire that prevents the spring from being over-extended during normal use.
Uses #10 fasteners. SD-321650-1
Order# 130359

Canvas Hardware

Jaw Slide
3/4" jaw slide. Plastic.
MT-0406-B
Order# 124053

Outside Eye End
7/8" outside eye end. Plastic.
MT-0419-B **Order# 124065**

Inside Eye End
Fits 3/4" O. D. tubing. Plastic.
MT-0402-B **Order# 124051**

Deck Hinge
Large deck hinge. Plastic.
MT-0405-B
Order# 124052

Deck Hinge
Small deck hinge. Plastic.
MT-0401-B **Order# 124050**

Grommet Kits
For professional grommet repairs. Used on boat, patio and pool covers, tents, awnings, sails and shower curtains. Brass. Refill kits available.

Part#	Inside Dia.	#/Pkg	Order#
HDY-561000	1/4"	24	**120992**
HDY-561001	5/16"	24	**732689**
HDY-561002	3/8"	24	**120994**
HDY-561003	7/16"	12	**120995**
HDY-561004	1/2"	12	**120996**

Canvas Snap and Tool Kit
Replace missing or worn out snaps with this 73-piece canvas snap kit. Snaps are nickel plated brass and meant for the harshest saltwater conditions. Kit includes snap installation tool, 18 11/64" barrel snap caps, 18 sockets, 18 1/4" barrel eyelets and 18 studs.
HDY-970162 **Order# 163900**

Canvas Snap Kit
Comes with everything you need to replace snaps, eyelets and studs. Kit includes button barrels, sockets, barrel eyelets, barrel studs and heavy-duty canvas snap pliers. 73 piece kit. UNM-50048258
Order# 175577

Fastener Install Tool
Includes die and setting tool and complete instructions.
TAY-1360
Order# 133628

Electrical Windshield Wiper Switch

For use with motors with dynamic parking, including Robert Bosch and Sprague Devices motors. Sealed construction, including O-ring on the shaft. Black plastic knob with metal insert and set screw, white imprint. Mounting stem 7/16" -28 thread, .45" (11.4mm) long. Diecast case 1-5/8" (41.3mm) diameter. 6 blade terminals.
COL-75228-03BX **Order# 762599**

Arms and Blades

Fits Motors SD-410710-1 and SD-410810-1.

Part#	Description	Order#
SD-410051-1	8-12" Stainless Arm	**143477**
SD-410054-1	9.25"-13.25" Stainless Arm	**143478**
SD-411151-1	11" Stainless/Lexan Blade	**143479**
SD-411154-1	14" Stainless/Lexan Blade	**143480**

Hand Operated Wiper

Stainless steel arm, rubber blade and chrome plated brass handle. For replacements use #SD-410051-1 arm and #SD-411151-1 blade.
SD-412601-1 **Order# 143481**

Heavy Duty Waterproof 12V Wiper Motors

Fully sealed, waterproof, UV stabilized thermoplastic housing. 5/8" diameter shaft. Adjustable right or left self-parking. Coast to park. Knurled drive shaft and solid brass arm drive nut.

1000 Heavy Duty

80º sweep, powers 18" x 18" arm/blade combination. 1-1/2" long shaft. 6-5/8" L x 3-3/8" W x 2" H. Max draw 5 amps.
AFI-36180 **Order# 101040**

Extra Heavy Duty

80º or 110º sweep with adj. to 45º or 60º, powers 22" Deluxe or 20" Premier arm/blade combination. 2" shaft. 7-3/4" L x 4" W x 2-3/4" D.
AFI-71012 **Order# 732566**

2.5 Heavy Duty Wiper Motor

Fully sealed powder coated aluminum waterproof base and housing. 2" long shaft. 7-7/8"L x 4-1/4"W x 3"D. 12 volts. Powers a 26" deluxe arm/deluxe blade combination or 24" Premier arm/Premier blade combination. Note: Pantographic wiper arms will function properly only with 80º sweep or less.

Part#	Description	Order#
AFI-82082	80º Sweep	**176663**
AFI-82012	110º Sweep	**176664**

Premier Wiper Arms

Stainless steel arm. Adjustable 15" -20".
Order# 150048

Premier Pantographic Arms

Stainless steel pantographic arms, adjustable up to 30".

Adjusts	Order#
12"-17"	**150052**
17"-22"	**150053**

Deluxe Adjustable Wiper Arm

Stainless steel 10-14" adjustable. Articulating/bend-back feature. Motor shaft mounting has additional set screw clamping. AFI-33007A
Order# 756377

Deluxe Curved Stainless Steel Wiper Blades

Part#	Description	Order#
AFI-33004	11" Curved	**101023**
AFI-33005	14" Curved	**166422**
AFI-33015	16" Curved	**101028**
AFI-33016	18" Curved	**158004**

Windshield Wiper Motor

Meets all the demands one may make of a ship's windshield wiper. Powerful motor and separate housing with wormwheel transmission. Extremely quiet in operation. Arms and blades are stainless steel. Available in 12 and 24 volts. Standard wiping angle of 110º. May be adjusted to 85º, 100º, and 120º.

Part#	Description	Order#
VET-RW01A	12v Two Speed Motor, 2" Spindle	**735227**
VET-RW08A	12v Two Speed Motor, 1" Spindle	**738928**
VET-RWAD	12-1/8" to 15-1/2" Parallel Arm	**135795**
VET-RWADX	15-3/16" to 18-9/16" Parallel Arm	**172211**
VET-RWAS	11" to 14-7/16" Single Arm	**135797**
VET-RWAL	15-5/8" to 18-15/16" Single Arm	**135796**
VET-WBB30	12" Single Blade; S/S Coated Black	**171629**
VET-WBB41	16" Single Blade; Black powder coated	**165384**
VET-WBS41	16" Single Blade; All Stainless	**165383**

Ongaro Heavy Duty 2 Speed Wiper Motor

Black powder-coated aluminum cover. 304 stainless steel mounting plate, bracket and hardware. 316 stainless steel shaft. Adjustable sweep: 45º, 60º, 80º or 110º. Park position adjusts right or left. This motor is capable of handling up to a 24" arm and 22" blade.

Part#	Power	Shaft Size	Order#
ONG-30991	12 Volt	2-1/2"	**143354**
ONG-30992	24 Volt	2-1/2"	**149795**
ONG-31991	12 Volt	1-1/2"	**146201**
ONG-32991	12 Volt	3-1/2"	**151119**

Ongaro Waterproof Heavy Duty Wiper Motor

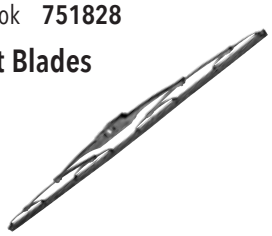
316 stainless steel. Rigid aluminum housing, adjustable sweep angle 40º - 110º. Adjustable park position. Right or Left - 2 speeds - will power up to 24 x 24 inch arm and blade combination. 12 volt.

Part#	Shaft Size	Order#
ONG-33611	1-1/2"	**756221**
ONG-33621	2-1/2"	**756229**

Ongaro Deluxe Ultra Heavy Duty Replacement Arms

Part#	Description	Order#
ONG-33650	12"-18" Adjustable w/J Hook	**751826**
ONG-33660	12" - 18" Adjustable Tip w/J Hook	**761091**
ONG-33651	19"-24" Adjustable w/J Hook	**751827**
ONG-33661	19"-24" Adjustable Tip w/J Hook	**751828**

Ongaro Deluxe Ultra Replacement Blades



Part#	Length	Order#
ONG-33012	12"	**751830**
ONG-33014	14"	**751831**
ONG-33016	16"	**751832**
ONG-33018	18"	**751833**
ONG-33020	20"	**751834**
ONG-33022	22"	**751835**

Three Way Rocker Switch

Heavy duty. 12/24 volt.
ONG-40400
Order# 145623

Windshield Washer Kit

Polypropylene tank. Includes motor, fittings and tubing. 12 volt.
ONG-31130 **Order# 173601**

Stainless Steel Rail & Fittings

Type 304 Polished Stainless Steel Rail

7/8" and 1" rail, available in different lengths.
Choose from 4', 5', 6', 8', 10' or 20'.

O.D.	Wall	Length	Order#
7/8"	.065"	4'	**749005**
7/8"	.065"	5'	**749006**
7/8"	.065"	6'	**749007**
7/8"	.065"	8'	**749008**
7/8"	.065"	10'	**749009**
7/8"	.065"	20'	**140771**
1"	.065"	4'	**749000**
1"	.065"	5'	**749001**
1"	.065"	6'	**749002**
1"	.065"	8'	**749003**
1"	.065"	10'	**749004**
1"	.065"	20'	**133881**

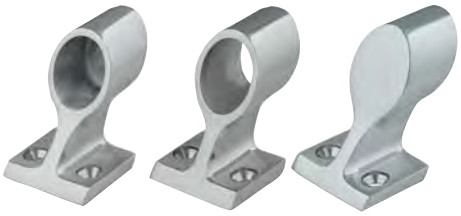
316 Stainless Steel Rail Fittings

All 7/8" fittings are machined and the 1" fittings are investment cast.

Round Base

Rectangular Base

Forward Rail Center Rail Aft Rail



Universal Tee

Description	Tube	Base	Order#
60° Round Base	7/8"	2-5/8"	**760250**
60° Universal Tee	7/8"		**760249**
Jaw Slide with Bolt	7/8"		**133803**
Top Cap	7/8"		**133802**
45° Round Base	1"	2-7/8"	**748548**
60° Round Base	1"	2-7/8"	**748551**
90° Round Base	1"	2-7/8"	**748550**
45° Rectangular Base	1"	3-1/4" x 1-7/8"	**748549**
60° Rectangular Base	1"	3-1/4" x 1-7/8"	**144608**
90° Rectangular Base	1"	3-3/16" x 1-7/8"	**748552**
120° Forward Rail	1"	1-3/4"	**748557**
60° Center Rail	1"	1-3/4"	**747974**
60° Aft Rail	1"	1-3/4"	**748558**
60° Universal Tee	1"		**144609**
90° Universal Tee	1"		**748553**
90° Elbow	1"		**748554**

Elbow

Top Cap

Gemini Marine Products

Split Side Mounts

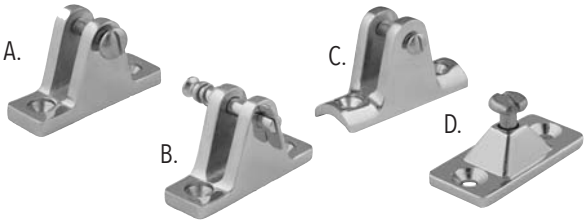
Investment cast 316 stainless steel with all screws provided. Split mount version simplifies installation on retrofits, or to allow placing the mounts either in the bent corners or across the tops of frames.

Part#	For Rails	Order#
GMN-SJSM88	7/8"	**733754**
GMN-SJSM100	1"	**733755**
GMN-SJSM125	1-1/4"	**733756**

TACO

Machined 316 Stainless Steel Deck Hinges

Designed for building and equipping bimini and canvas tops. Use #10 fasteners.



Model#	Description	Size	Order#
A. F13-0200	90° Straight	2" x 11/16"	**138935**
B. F13-0210	90° Straight	2" x 11/16"	**138936**
C. F13-0240	90° Rail Mount	2" x 7/8"	**138938**
D. F13-0250	Side Mount	2" x 1-7/8"	**138939**

SEA-DOG LINE

90° Deck Hinge

Investment cast 316 stainless steel.
Removable 1/4" pin. Base: 3/4" x 2-1/4".
Takes #10 FH fasteners. SD-270210-1
Order# 746996

SEA-DOG LINE

Rail Mount Brackets

Injection molded nylon with stainless steel screws. Fits 7/8" to 1" tubing.
1-5/16" from hole to hole.

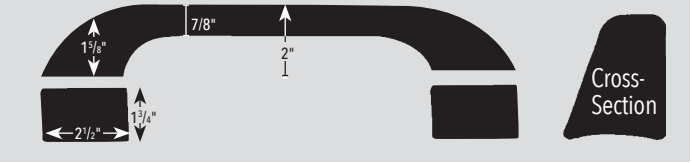
Color	Order#
Black	**748304**
White	**748305**

PVC, Teak & Stainless Steel Handrails

PVC Handrails 10" Center

10" on Center Heavy Duty Handrails! Attractive, Strong and Maintenance Free! Excellent replacement for teak handrails.
This is the same material as the 12" on center PVC below.

Dimensions for both PVC Handrails



Loop	Length	Order#
1	13"	**736623**
2	23"	**736624**
3	33"	**736625**
4	43"	**736626**
5	53"	**736627**
6	63"	**736628**
7	73"	**736629**

PVC Handrails 12" Center

12" on Center Heavy Duty Handrails!
Attractive, Strong and Maintenance Free!

Loops	Length	Black	Gray	White
1	15"	**109249**	**109257**	**109266**
2	27"	**109250**	**109258**	**109267**
3	39"	**109251**	**109259**	**109268**
4	51"	**109252**	**109260**	**109269**
5	63"	**109253**	**109261**	**109270**
6	75"	**109254**	**109262**	**109271**
7	87"	**109255**	**109263**	**109272**
8	99"	**109256**	**109264**	**109273**

Teak Handrails

Teak handrails are 10-1/16" center to center, except for single-loop rails which measure 10-5/16"

Loop	Dimensions	Order#
1	13" x 1-1/16" x 2-3/8"	**101045**
2	23" x 1-1/16" x 2-3/8"	**101046**
3	33" x 1-1/16" x 2-3/8"	**101047**
4	43" x 1-1/16" x 2-3/8"	**101048**
5	53" x 1-1/16" x 2-3/8"	**101049**
6	63" x 1-1/16" x 2-3/8"	**101050**
7	73" x 1-1/16" x 2-3/8"	**153237**

For Teak Oils see page 321

316 Stainless Steel Handrails

Highly Polished!

These heavy duty, stainless steel handrails are expertly made, rugged but graceful, and very fairly priced.

1" Tubing

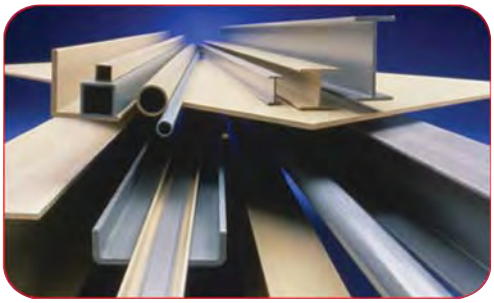
Length	Loops	Order#
12"	1	**171522**
24"	1	**171523**
36"	1	**171524**
48"	2	**171525**
60"	2	**171526**
72"	2	**171527**

1-1/4" Tubing

Length	Loops	Order#
12"	1	**732224**
24"	1	**732225**
36"	1	**732226**
48"	2	**732227**
60"	2	**732228**
72"	2	**732229**

STRONGWELL

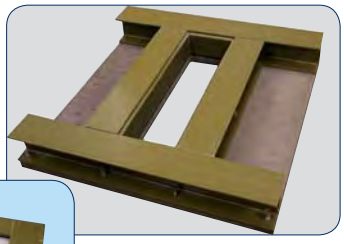
Get the Wood Out with Extren® Fiberglass Structural Shapes & Plates

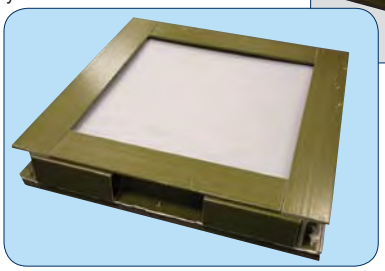


Additional shapes & sizes available. Please call for more information.

EXTREN® is a proprietary combination of fiberglass reinforcements and thermosetting polyester or vinyl ester resin systems. It is produced in more than 100 standard shapes and all shapes have a surface veil to protect against glass fibers penetrating the resin surface in service and to increase corrosion and UV resistance.

- Corrosion Resistant
- Low Conductivity - Thermally and Electrically
- Non-Magnetic - Electromagnetic Transparency
- Lightweight
- High Strength
- Dimensional Stability
- Low Maintenance





Shown with white noise reducing perforated aluminum
4' x 8' Sheet SDN-HFPA1 **Order# 741987**

Part#	Description	Order#
SGW-FA15	1-1/2" x 1-1/2" x 1/4" x 20' Angle	**729828**
SGW-FA2	2" x 2" x 1/4" x 20' Angle	**729827**
SGW-LA3	3" x 3-3/8" x 20' L-Angle	**730182**
SGW-RR2.5X1.58	2-1/2" x 1-5/8" x 1/8" x 20'Rectangle Rail	**730181**
SGW-RR4X2	4" x 1/8" x 2" x 1/4" x 20' Rectangle Rail	**733635**
SGW-FC1.5	1-1/2" x 1-1/2" x 1/4" x 20' Channel	**731817**
SGW-RT2.5	2-1/2" x 1/4" Round Tube	**734517**
SGW-SS.75	3/4" x 3/4" x 20' Solid Square	**730184**
SGW-ST2	2" x 2" x 1/4" x 20' Square tube	**729829**
SGW-WFB5003	3" x 3" x 1/4" x 20' Wide Flange Beam	**729826**
SGW-WFB5004	4" x 4" x 1/4" X 20' Wide Flange Beam	**736073**
SGW-FP.13	48" x 96" x 1/8" (500 Series) Fiberglass Sheet	**734519**
SGW-FP.19	48" x 96" x 3/16" (500 Series) Fiberglass Sheet	**739636**
SGW-FP.25	48" x 96" x 1/4" (500 Series) Fiberglass Sheet	**734520**
SGW-FP.50	48" x 96" x 1/2" (500 Series) Fiberglass Sheet	**748586**
SGW-SAFSTRIP	4" x .125" SafStrip (sold by the foot)	**761247**
SGW-SAFSTRIP50	4" x .125" x 50' SafStrip	**761248**
SGW-SAFSTRIP10	4" x .125" x 100' SafStrip	**761249**

Duragrate® Molded Fiberglass Grating

New!

A premium-quality mesh grating panel made exclusively in the USA. While molded grating is a chemical resistant flooring choice for many industrial applications, Duragrate® offers performance and quality superior to imported suppliers. Integral cover bonded to the top surface with a slip resistant grit surface. Duragrate® is corrosion resistant, fire retardant, impact resistant, low maintenance, low conductivity, lightweight, bidirectional load bearing, easy to install and cost effective. Sheets measure 48" x 96" x 1". Grid holes are 1.5" x 1.5".

Gray SGW-DURAGRATE1 **Order# 761254**
Green SGW-DURAGRATE2 **Order# 761255**

Coosa Composite Panels

Structural panels made of high-density, polyurethane foam reinforced with layers of fiberglass. The no-rot and lightweight advantages of foam combined with the structural properties of fiberglass make Coosa panels an excellent replacement material for wood and other traditional core materials. Used throughout the marine, industrial and transportation industries in structural and non-structural applications.

Nautical 15
- Coosa's highly-economical, super-lightweight glass-reinforced panel
- Density of 15 pounds per cubic foot
- Typically used as a filler or low-stress semi-structural component
- 61% or more lighter than plywood

Bluewater 20
- Coosa's economical alternative
- Same superior stiffness and strength
- Density of 20 pounds per cubic foot
- Typically used as a semi-structural component
- 45% or more lighter than plywood

Bluewater 26
- Coosa's strongest and stiffest panel
- Ultimate high strength-to-weight ratio
- Density of 26 pounds per cubic foot
- Typically used as a structural component
- 30% or more lighter than plywood

Type	Size	Thickness	Density	Order#
Nautical 15	4' x 8'	1/2"	15 lbs/cu. ft.	**173019**
Nautical 15	4' x 8'	3/4"	15 lbs/cu. ft.	**173020**
Nautical 15	5' x 8'	3/4"	15 lbs/cu. ft.	**741415**
Bluewater 20	4' x 8'	1/4"	20 lbs/cu. ft.	**173016**
Bluewater 20	4' x 8'	1/2"	20 lbs/cu. ft.	**173017**
Bluewater 20	2' x 4'	3/4"	20 lbs/cu. ft.	**177247**
Bluewater 20	4' x 8'	3/4"	20 lbs/cu. ft.	**173018**
Bluewater 20	5' x 8'	3/4"	20 lbs/cu. ft.	**741414**
Bluewater 20	5' x 10'	1"	20 lbs/cu. ft.	**749241**
Bluewater 20	5' x12'	1"	20 lbs/cu. ft.	**749242**
Bluewater 26	4' x 8'	1/4"	26 lbs/cu. ft.	**173015**
Bluewater 26	4' x 8'	1/2"	26 lbs/cu. ft.	**173011**
Bluewater 26	5' x 12'	1/2"	26 lbs/cu. ft.	**734567**
Bluewater 26	4' x 8'	5/8"	26 lbs/cu. ft.	**729651**
Bluewater 26	2' x 4'	3/4"	26 lbs/cu. ft.	**177249**
Bluewater 26	4' x 8'	3/4"	26 lbs/cu. ft.	**173012**
Bluewater 26	4' x 10'	3/4"	26 lbs/cu. ft.	**734568**
Bluewater 26	4' x 12'	3/4"	26 lbs/cu. ft.	**734569**
Bluewater 26	5' x 8'	3/4"	26 lbs/cu. ft.	**741411**
Bluewater 26	4' x 8'	1"	26 lbs/cu. ft.	**173013**
Bluewater 26	5' x 10'	1"	26 lbs/cu. ft.	**749239**
Bluewater 26	4' x 8'	1-1/2"	26 lbs/cu. ft.	**173014**

Marine Seaboard

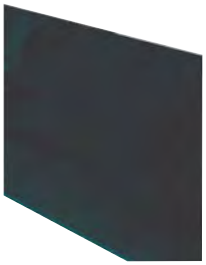
Seaboard Polyethylene Building Sheets will not rot, delaminate or fade! Resists salt water, chemicals and UV light. Retains its original color and requires no refinishing. Scuff resistant and cleans easily with a scrub brush and light abrasive cleaner. Most colors also available in 4' x 8' sheets.

Use in Place of Plywood!

Size	Color	Order#
18" x 32" x 1/2"	Black	**734495**
	Polar White	**734496**
	Seafoam White	**734498**
18" x 64" x 1/2"	Black	**734500**
	Polar White	**734501**
	Seafoam White	**734502**
18" x 96" x 1/2"	Black	**734503**
	Polar White	**734504**
	Seafoam White	**734505**
54" x 96" x 1/4"	Seafoam White	**156119**
	Polar White	**156120**
	Black	**156123**
	Mercury Gray	**156124**
54" x 96" x 1/2"	Black	**156006**
	Mercury Gray	**728176**
	Polar White	**155644**
	Sandshade	**162760**
	Seafoam White	**155649**
54" x 96" x 3/4"	Polar White	**163875**
	Black	**153494**
	Seafoam White	**153495**
54" x 96" x 1"	Seafoam White	**167200**
	Black	**162690**

Polypropylene Marine Building Sheet

Smooth, high density 48" x 96" x 1/8" sheet. Special post-production treatment enhances its ability to withstand the effects of salt water, moisture and direct sunlight. Meets FDA requirements for use in applications with food.



Color	Order#
Black	**162762**
White	**172558**

Okoume Marine Plywood

Considered perhaps the finest construction plywood available for boats, and is certified to British Standard 1088. Used by hobbyists and some of the world's largest boat builders. Most often used in combination with epoxy and fiberglass creating a structure that can be stronger and lighter than plastic or fiberglass, rivaling the performance of more advanced composites such as carbon fiber. The grain appearance is prized, likened to that of mahogany and is often varnished for a decorative appearance.

Thickness	Size	Order#
4mm	4' x 2'	**748499**
	4' x 4'	**748506**
6mm	4' x 2'	**748508**
	4' x 4'	**748509**
9mm	4' x 2'	**748511**
	4' x 4'	**748512**
12mm	4' x 2'	**748514**
	4' x 4'	**748515**
	4' x 8'	**748513**
18mm	4' x 2'	**748517**
	4' x 4'	**748518**

Available in full size sheets. Sapele Plywood and Cabin Sole also available.

Teak Lumber Planks

Made from the finest plantation teak available, kiln-dried before milled to ensure long lasting durability. A machine-finish on all sides creates a smooth feel and protection against the elements. Available in various lengths and widths.

Thickness	Size	Order#
3/8"	5-3/4" x 12"	**171140**
3/8"	5-3/4" x 36"	**171139**
3/8"	5-3/4" x 60"	**171138**
1/2"	1-3/4" x 30"	**748470**
1/2"	1-3/4" x 72"	**748472**
7/8"	7/8" x 30"	**171135**
7/8"	1-3/4" x 48"	**748473**
7/8"	4" x 3-7/8"	**748477**
7/8"	4" x 36"	**748476**

For Teak Oils see page 321

WHITECAP Teak Battens

Part#	Description	Order#
WTC-60860	3/8" x 7/8" x 5'	**101111**
WTC-60859	3/8" x 1-3/16" x 5'	**101110**
WTC-60858	3/8" x 1-7/16" x 5'	**101109**
WTC-60857	3/8" x 1-7/8" x 5'	**101108**
WTC-60855	3/8" x 3" x 5'	**101107**

Teak Edge Molding

1-3/8" x 13/16" x 5'
WTC-60835 **Order# 101095**

Teak "L" Molding

7/8" x 5'
WTC-60844 **Order# 101100**

Teak Large Stop Molding

3/8" x 3/4" x 5'
WTC-60853 **Order# 101105**

Teak Cap Molding

Part#	Size	Order#
WTC-60840	1-3/16" x 3/4" Track x 5'	**101097**
WTC-60841	7/8" x 1/2" Track x 5'	**101098**

Teak Quarter Round Molding

Part#	Size	Order#
WTC-60850	1/2" x 5'	**101103**
WTC-60851	3/8" x 5'	**101104**

Floor Anchors

316 stainless steel, will not corrode, discolor or damage the wood. Safely holds 500 lbs per unit, 1000 lb breaking load. Meets ISAF requirements for offshore boats. Opening mechanism is a simple bayonet style, with 1/4" turn lock and release that will not loosen with age.

Floor Boards	Order#	Order#
1/2"-3/4"	**759973** N	**759950**
7/8"-1-1/4"	**759975** N	**759953**

Starter Kit

316 stainless steel. Includes 4 floor anchors, custom countersink cutter, all drill bits and tap required, with installation instructions.

Floor Boards	Order#
1/2"-3/4"	**759949** N
7/8"-1-1/4"	**759952**

Installation Kit

Includes custom countersink cutter, all drill bits and tap required, with installation instructions. **Order# 759956**

We can only ship lengths up to 8 ft by UPS. Longer pieces must be shipped by truck.
Half Oval brass up to 1/2" can be rolled. Stainless steel cannot be rolled.

Brass Half Oval Molding Solid Stock, No Holes

Sold in 6' and 12' Lengths

Size	Thickness	6'	12'
3/8"	3/32"	147374	147375
1/2"	1/8"	147376	147377
5/8"	3/16"	147378	147379
3/4"	3/16"	147380	147381
1"	1/4"	147382	147383
1-1/4"	5/16"	147384	147385
1-1/2"	5/16"	147386	147387

Brass Half Round Solid Stock, No Holes

Sold in 6' and 12' Lengths

Size	Thickness	6'	12'
1/2"	1/4"	147422	147423
5/8"	5/16"	147424	147425
3/4"	3/8"	147426	147427
1"	1/2"	147428	147429

304 Stainless Steel or 316 Stainless Steel Half Oval Polished, Flat Back

Drilled every 6". Sold by lengths listed. *For maximum stain resistance, use 316 half oval. Use 316 fasteners for 304 or 316 flat back.*

Metal	Size	Fastener	6'	8'	10'	12'	16'	20'
304 SS	1/2"	#6	-	-	-	154195	-	-
	3/4"	#10	147343	147344	155953	147345	147346	-
	1"	#12	147347	147348	157609	147349	147350	-
	1-1/4"	#12	147351	147767	-	147352	147766	-
316 SS	3/4"	#10	-	-	-	159853	-	-
	1"	#12	-	-	-	-	-	159873
	1-1/4"	#12	-	-	-	-	-	159874

316 Stainless Steel Half Oval Polished Finish, Hollow Back

Drilled every 6". Sold by lengths listed. *For maximum stain resistance, use 316 fasteners.*

Size	Fastener	6'	8'	10'	12'	16'	20'
3/4"	#8	159834	159835	159836	159837	159838	159839
1"	#10	159840	159841	-	159842	159843	159844
1-1/4"	#10	159845	159846	-	159847	159848	159849
1-1/2"	#10	-	-	-	-	-	152917

Brass & 304 Stainless Steel Flat Stock No Holes

Sold by the foot or in 12' lengths.
1/8" thick

Type	Size	Order#
Brass	1" x 12'	118443
S/S	1" x 12'	118446
Brass	1-1/4" x 12'	118444
S/S	1-1/2" x 12'	118448
Brass	1-3/4" x 12'	118445
Brass	4" x 12'	140155

316 Stainless Steel Flat Stock

Sold in 12' lengths.
Holes drilled every 6".
For maximum stain resistance, use 316 fasteners.

Size	Thickness	Order#
1" x 12'	1/4"	760415
1-1/4" x 12'	1/4"	760416
1-1/2" x 12'	1/4"	760417
1-3/4" x 12'	1/4"	760418
2" x 12'	1/4"	761268
3/4" x 12'	3/16"	760409
1" x 12'	3/16"	760411
1-1/4" x 12'	3/16"	760412
1-1/2" x 12'	3/16"	760413

Silicon Bronze Rod (Solid)

Size	Order#
3/16" x 3'	118493
1/4" x 12'	118494
5/16" x 12'	118495
3/8" x 12'	118496
1/2" x 12'	118497
5/8" x 12'	118498
3/4" x 12'	118499

304 Stainless Steel Rod (Solid)

Size	Order#
1/4"	112523
5/16"	112524
3/8"	112525
1/2"	112526
5/8"	112527
3/4"	112528

304 & 316 Stainless Steel Hollow Back Ends

Stainless	Size	Order#
304	1/2" x 12"	159880
316	3/4" x 12"	159831
	1" x 12"	159832
	1-1/4" x 12"	159833

316 Stainless Steel Hollow Back Strakes

Size	Order#
3/4" x 8"	159827
3/4" x 12"	159828
3/4" x 18"	159829
1" x 12"	159830

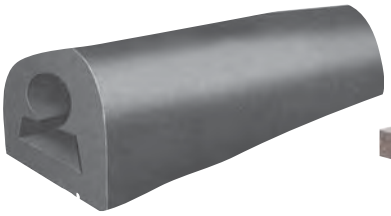
316 Stainless Steel Self Tapping Screws Flat Head

Use 316 fasteners for 304 or 316 stock.

Size	Order#
#6 x 3/4"	740424
#6 x 1"	740425
#6 x 1-1/4"	740426
#8 x 3/4"	157340
#8 x 1"	157341
#8 x 1-1/4"	157342
#8 x 1-1/2"	157343
#8 x 2"	157344
#10 x 1"	157345
#10 x 1-1/4"	157346
#10 x 1-1/2"	157347
#10 x 2"	157348

COMMERCIAL BUMPERS

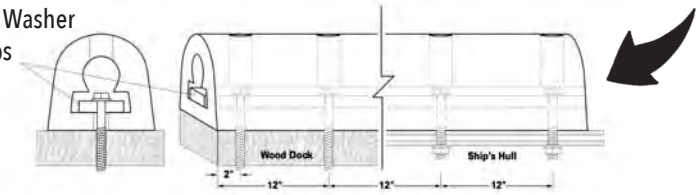
Strip inserts here. Sold in lengths up to 10'



Insert Strip (sold separately)

Not Pictured Actual Size

Poly Washer Strips



Not predrilled. Studs not included.

Part#	Color	Base Width	Height	Wall Thickness	Per Foot	Lengths	Order#
DAM-DB-50	Black	2-1/8"	2"	7/16"	1.2 lbs	60'	**107117**
DAM-DB-75	Black	3-1/8"	2-7/8"	11/16"	2.6 lbs	60'	**107128**
DAM-DB-100	Black	4-1/4"	3-7/8"	3/4"	5.1 lbs	60'	**107101**
HM-SI38100U10		3/8" x 1" x 10'	Insert Strip for DB-50 Bumper				**107124**
HM-SI38125U10		3/8" x 1-1/4" x 10'	Insert Strip for DB-75 Bumper				**137981**
HM-SI38175U10		3/8" x 1-3/4" x 10'	Insert Strip for DB-100 Bumper				**137982**

3' Push & Tow Plates

A push plate for tugs and barges. Thick black rubber with steel backing plate. 3 feet long. Steel plate: 1/4" high x 10" wide. Rubber: 2" high x 8" wide.

DAM-DB-1410 **Order# 107109**

1/2" Plate
DAM-DB-1409 **Order# 149974**

90º Molded Insert Corners

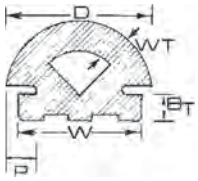
Part#	Color	Description	Order#
DAM-DB-51	Black	90˚ Molded Insert Corner for DB-50 Bumper	**107125**
DAM-DB-76	Black	90˚ Molded Insert Corner for DB-75 Bumper	**107131**
DAM-DB-103	Black	90˚ Molded Insert Corner for DB-100 Bumper	**107106**

Fan Nose Commercial Bumper

Available in 2 1/2" - 11" base width and 3" - 12" outside diameter. Black, white or gray. Call for details and pricing. Allow 4 to 6 weeks for delivery.

Sold in 10', 20', 40' & 60' lengths.

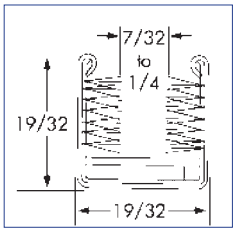
Part#	Size	Order#
DAM-DB-503	2-1/2" W x 3"OD	**148198**
DAM-DB-504	3-3/4" W x 4-1/4"OD	**147124**



StanPro® Marine Products

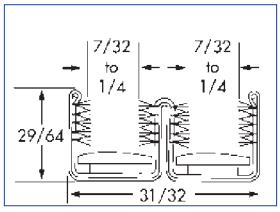
Single Window Channel

Single 8' L.
Rigid stainless steel.
Order# 132963



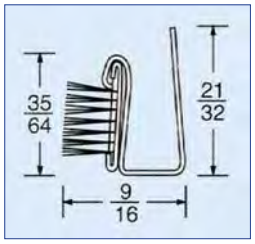
Double Window Channel

8' Length.
Rigid stainless steel.
Order# 132964



Edge Channel

Stainless Steel.
Single 8' Length.
Order# 132970



QuickEdge Trim

Flexible vinyl construction with aluminum core. For 1/8" to 3/16" edges. .390" x .520". Case Contains two 200' lengths.

Color	Order#
White	**166771**
Black	**166772**

QuickEdge MiniTrim

Sof-Tone black with aluminum core. For 1/32" edges. .280" x .450". Up to 250' lengths. STP-75001586
Order# 143299

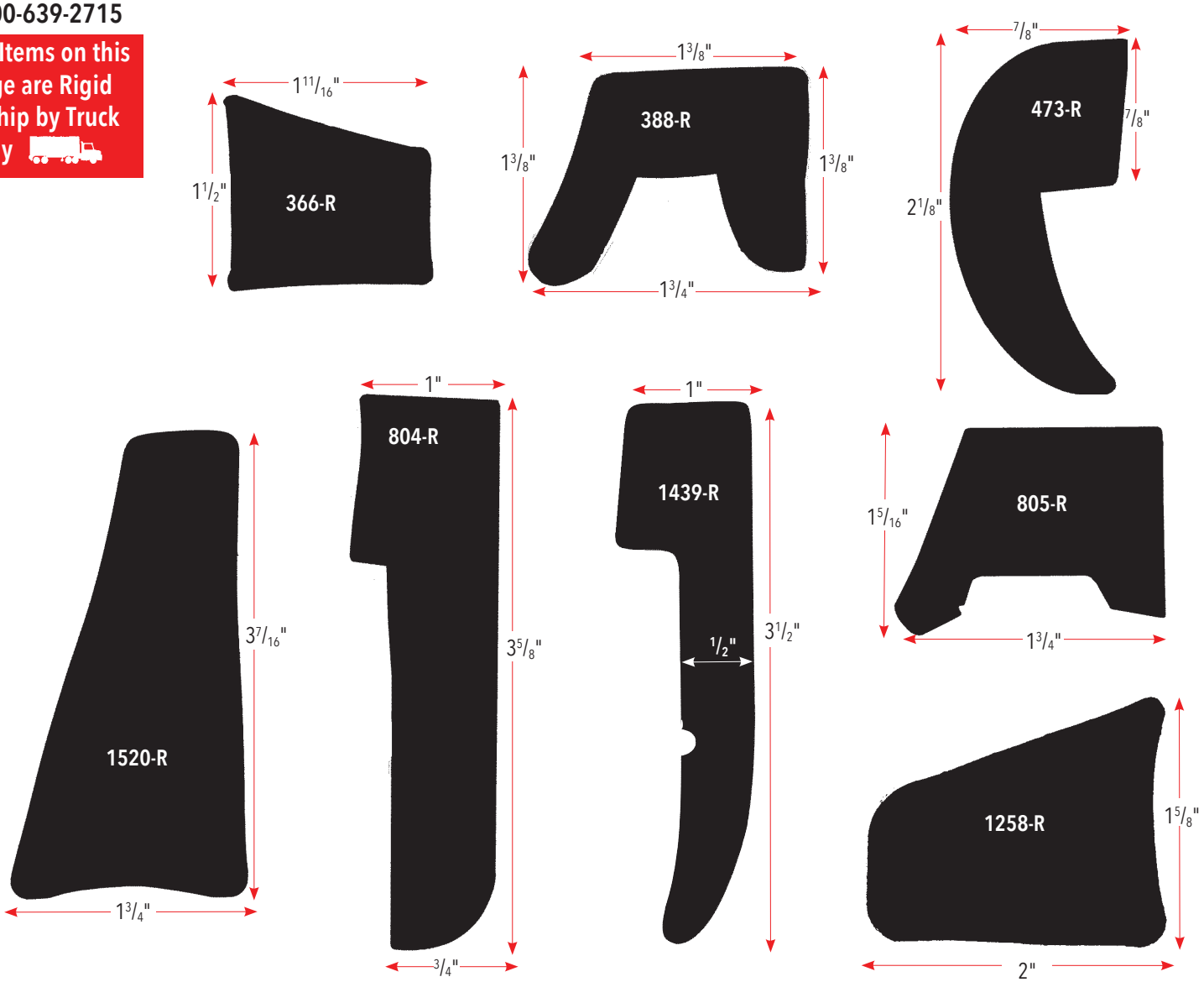
QuickEdge Trim

Flexible vinyl construction with aluminum core. For 3/16" to 1/4" edges. .500"W x .660"D. Up to 125' lengths. Sold by the foot. Sof-Tone Black.
Order# 143295
Sof-Tone White. Same as above.
Order# 143296

SealStrip Rubber Tape

Glass Set. 100' roll.
Order# 132968

All Items on this Page are Rigid & ship by Truck Only



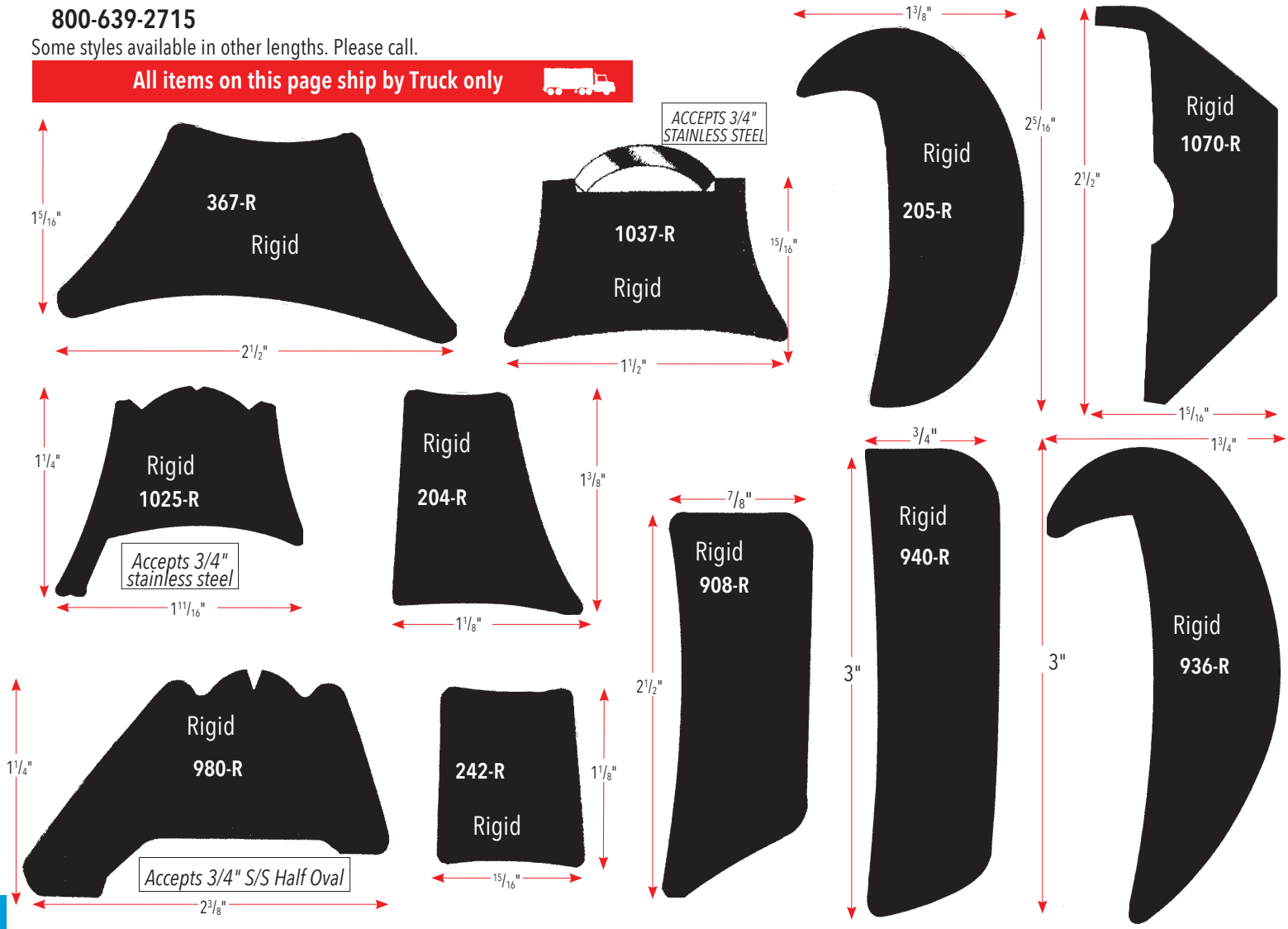
Style	Color	20' #	25' #	30' #	40' #	45' #	50' #	55' #
366-R	Black	158335			158336		164990	
	Gray	158337			158338			164994
	White	158339			158340	164989		164995
388-R	Black	159999				166841		
	White	160003				160009		
473-R	Black	160260			160268			
	White	160270			160274			
1520-R	Black	167390		165041	165039 N			
	White	167391		165045				
804-R	Black	159679			159680			
	Gray	159688			159689			
	White	159681			159682			
1439-R	Black	159966			159967			
	Gray				159969			
	White	159970			159971			
805-R	Black	160283				160290		
	White	160291			160292			
1258-R	Black	160434	761246	160435	160436	165441		
	Gray	160437		160438	160439	164597		
	White	160440	164611	160441	160442	165440		

Style	Color	6.6' #	20' #	25' #	40' #	45' #	50' #
471-R	Black		158368		158369		
	Gray		170963		170964		
	White		158370		158371		
797-R	Black		159675		159676		
	White		159677		159678		
973-R	Black		160413		160416		171687
	Gray		160418		160421		
	White		160423		160426		
807-R	Black		159690		159691		
	White		159692		159693		
789-R	Black		159754		159755		
	Gray		159756		159757		
	White		159758				
1080-R	White		166589				
1048-R	Black		159960			164984	
	White		159964			164986	
1146-R	White	165957	165960				
1346-R	White	167253	168219				
906-R	Black			728248	728249		

800-639-2715

Some styles available in other lengths. Please call.

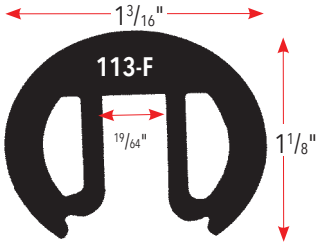
All items on this page ship by Truck only

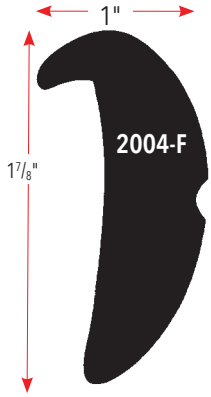


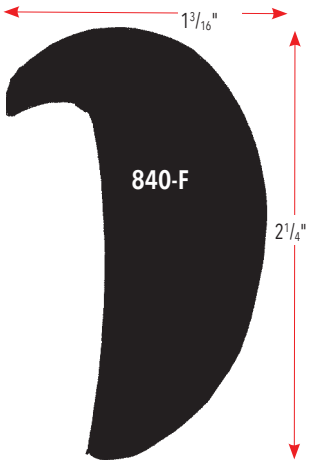
Style	Color	20' #	32' #	40' #	44' #	46' #	48' #	50' #	55' #
367-R	Black	159981		159983			159986		
	White	159993		159995			159998		
	Gray							761265 N	
204-R	Black	158317		158318					
	Gray	158319							
	White	158321		158322					
205-R	Black	158323		158324				164596	
	Gray	158325		158326				164600	
	White	158327		158328				164283	
242-R	Black	160375		160376				160377	
	Gray	160378		160379				160380	
	White	160381		160382				160383	
908-R	Black	159927		159928					
	White	159934		159935					
936-R	Black	160401		160402		160403			160404
	White	160409		160410		160411			160412
940-R	Black	159937				159941			
	White	159942				159945			
980-R	Black	160296		160301					
	Gray	160302		160307					
	White	160308		160313					171688
1025-R	Black	160314		160317					
	White	160322	160323	160324					
1037-R	Black	159954		159955					
	White	159958		159959					
1070-R	Black	160326						160331	
	White	160338	160340		160342			160343	

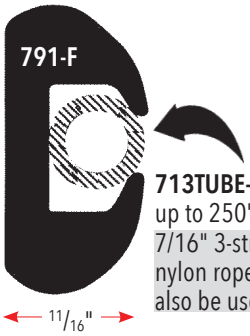
All Items on this Page are Flexible

All Rub Rail on this page can ship by UPS

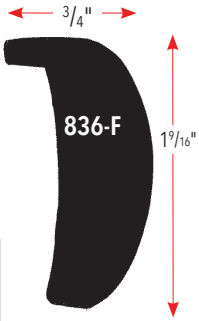


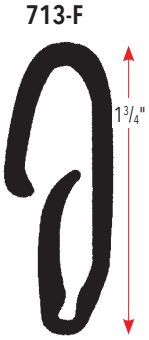


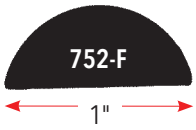


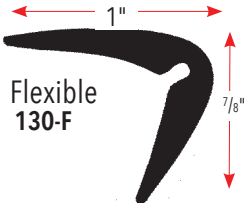


713TUBE-F
up to 250' coils
7/16" 3-strand-nylon rope can also be used

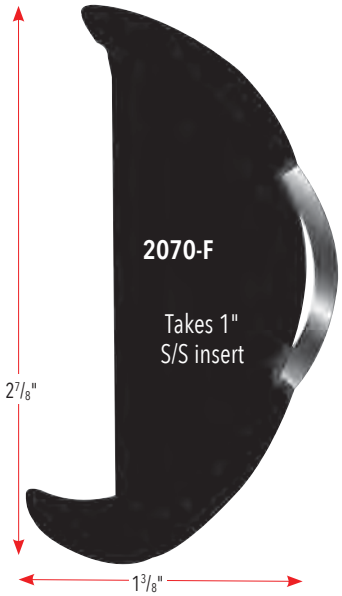








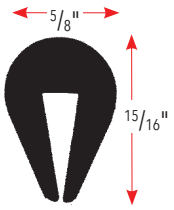
Flexible
130-F



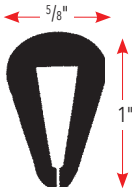
2070-F

Takes 1" S/S insert

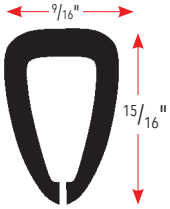
111-F



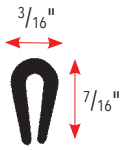
303-F



8392-F



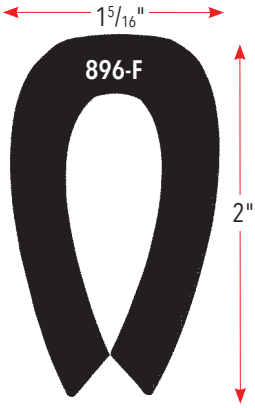
171-F



Heavy Duty PVC Molding Sections *Sold by the Cut Foot*

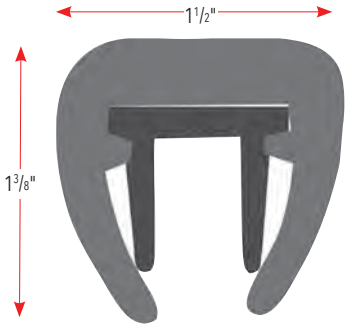
Item#	Color	Order#
111-F	Black	109237
	White	109238
113-F	Black	109239
	White	109240
130-F	Black	109280
	White	109281
171-F	Black	109293
	White	109294
303-F	White	109340
713-F	White	109426
713TUBE-F	Black	144655
	White	144271

Item#	Color	Order#
752-F	Black	109428
	White	109431
791-F	Black	109439
836-F	Black	109460
	White	109462
840-F	Black	109463
2004-F	Black	144272
2070-F	Black	151880
8392-F	White	156851



896F

Length	Black	White
40'	165049 N	165052
50'	168124	165051 N
60'	165048 N	-
80'	165047	165050

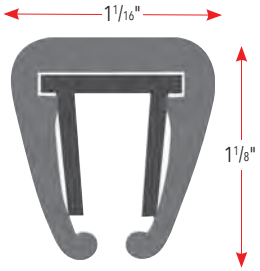


867F

Length	Black	White
52'	736761	736766
65'	736763	736767
75'	736765	736769

1063 insert

Color	Order#
Black	736770
White	736771



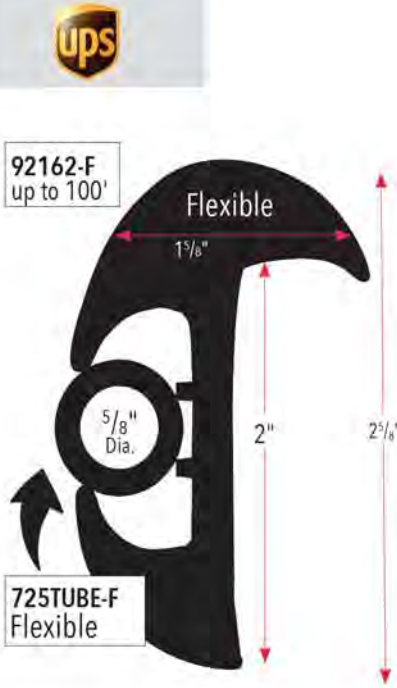
843F

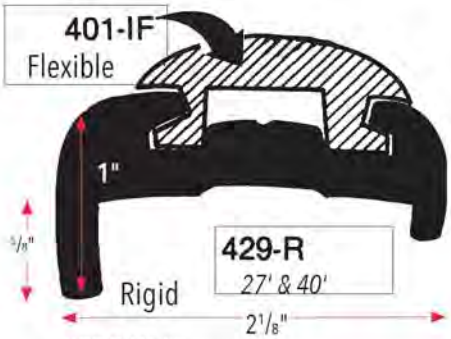
Length	Black	White
42'	736864	736865
52'	736866	736870
70'	736868	736872

840 insert

Color	Order#
Black	736874
White	736875

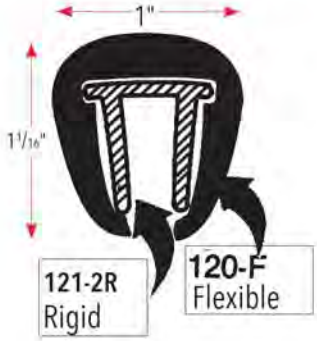
All Rub Rail on this page can ship by

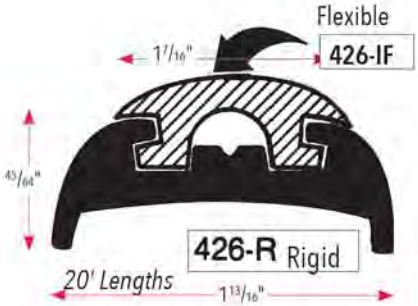


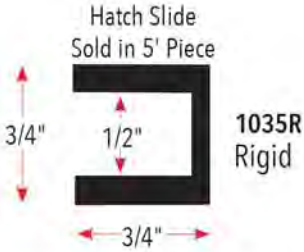


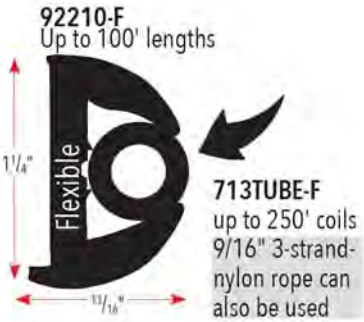
429-R, White

Size	Order#
27' length	**164606**
40' length	**164607**









PVC Bung Material

1/2" x 4' black.
DWP-50B-B
Order# 109418

1/2" x 5' white.
DWP-50B-W55
Order# 735621

Heavy Duty PVC Molding Sections Sold by Cut Foot

Item#	Color	Order#
120-F	White	**109245**
121-2R	Insert	**109248**
312-F	White	**109341**
313-R	White	**109344**
401-IF	Black	**109361**
	White	**109362**
418-IF	Black	**109368**
426-R	Black	**109380**
426-IF	Black	**109377**
	White	**109379**

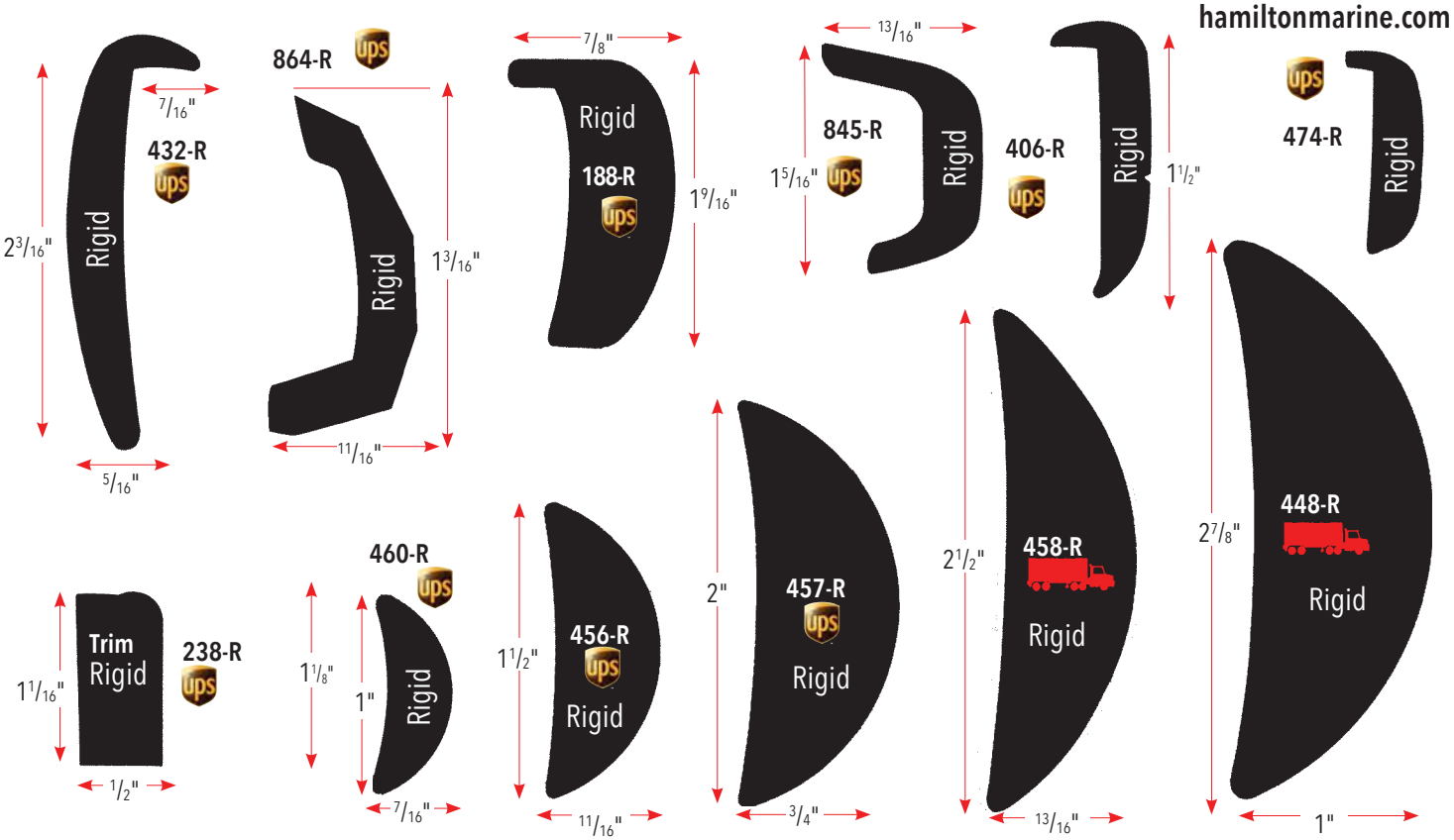
429-R (order info is by profile) above

Item#	Color	Order#
713 TUBE-F	Black	**144655**
	White	**144271**
725 TUBE-F	Black	**147959**
1078-R	White	**164036**
92162-F	Black	**143581**
	White	**150331**
92210-F	Black	**144270**
	White	**144269**
1035R	White	**732397**
4107-F	White	**744291**

TACO MARINE

Rubrail End Cap

Caps rub rail to finish end of rail and ensure that inserts stay intact. Offers a finished look. Polished marine grade 316 stainless steel. 1-5/8" wide. Takes #8 screw.
TCO-F16-0039 **Order# 761276**

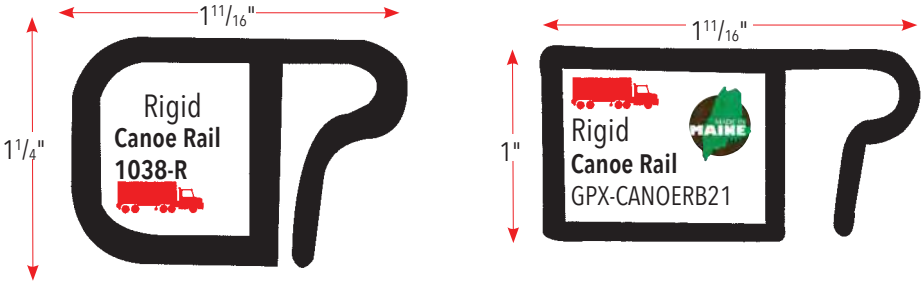


Style	Color	20' #	40' #	45' #	60' #
188-R	Black	159972	159974		
	White	159979	159980		
238-R	Black	158329	158330		
	White	158333	158334		
406-R	Black	160384	160385		164604
	White	160387	160388		
474-R	Black	160275	160276		
	White	160279	160281		172196
432-R	Black	158341	158342		735667
448-R	Black	159743	159744	159751	
	Gray	159746	159747		
	White	159748	159749	159753	
456-R	Black	158343	158344		
	White	158347	158348		
457-R	Black	158349	158350	171409	
	Gray	158351	158352		
	White	158353	158354		
458-R	Black	158355	158356	746203	
	Gray	158358		756833	
	White	158360		171411	
460-R	Black	158362	158363		
	White	158366	158367		
864-R	Black	159764	159765		
	White	159766	159767		
845-R	Black	159760	159762		

1140-R Rigid
Up to 70 ft coils available upon request.

Color	Order#
Black	**153842**
White	**155834**

Takes S/S 3/4" Hollow Back Insert



Style	Color	16'	21'	25'	35'
1038-R	Black	740187		740188	740189
GPX-CANOE	Black		758815		

Shipping Chart

= by Truck

= by UPS

Galvanized Ringbolts With Shoulder

Part#	Size	Order#
CGO-095167	5/16" x 2-1/4"	**105600**
CGO-095242	3/8" x 2-1/2"	**105601**
CGO-095273	3/8" x 4-1/4"	**105602**
CGO-095389	1/2" x 3-1/4"	**139843**
CGO-095419	1/2" x 6"	**143319**

Corner Bumper

Protects the top of the dock with 1-1/4" cushion above dock level. Solid flaps attach easily to any dock. Made from tough, marine grade vinyl. 10" x 10"
Order# 133694

Post Bumper

Great protection for pipe-supported docks. Slides easily over 1-1/2" or 2" dock pipe. Marine grade vinyl with inflation valve. 17" H x 7" D.

Color	Order#
White	**166360**
Blue	**166361**

12" Inflatable Dock Wheel

Smooth rolling wheels offer substantial dock cushioning and feature molded-in valves to adjust the level of firmness. Heavy duty hot-dipped galvanized hardware mounts securely to the dock.
Order# 140393

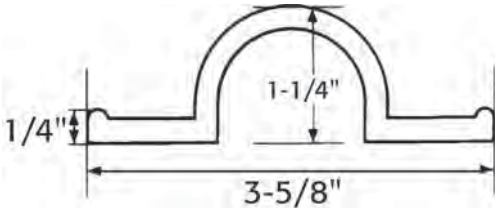
Keel Guard Kits

Kit Includes: KeelGuard with 3M Adhesive, Scotch Brite Etching Pad, 3M Primer, Specially Designed Burnishing Tool, Instruction Sheet and Warranty Card. All KeelGuard boat protection products use the highest quality materials and 3M premium adhesives.

Part#	Color	Length	Order#
MKG-20204	Black	4'	**156792**
MKG-20604	Light Gray	4'	**156790**
MKG-20104	White	4'	**156789**
MKG-20706	Charcoal Gray	6'	**156796**
MKG-20606	Light Gray	6'	**156795**
MKG-20106	White	6'	**156794**

C Shaped Dock Bumper

Marine Gray, 6' lengths. 3-5/8" Wide 1/4" Thick. Can be mounted horizontal or vertical BBP-2072FG6 **Order# 173153**



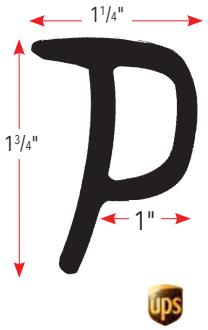
Marina Fenders

Marina Fenders are produced from Bacell®, a shock absorbing and 100% closed cell foam material that cannot puncture and will never take up any water. The Bacell ® material does not shrink and is very resistant to permanent deformation, in addition to being resistant to UV light and all weather conditions. Will not deteriorate in the sun,will not mark your boat. Mounts easily to your dock. Comes "ready to install" with mounting brackets, screws and screw bit.

MF44

MF60

Part#	L x W x H	Order#
PLM-MF44	37" x 3.35" x 1.73"	**176158**
PLM-MF60	39" x 5.5" x 2.4"	**177545**



1-3/4" high, 1-1/4" wide. White
DWP-961-AFW
Order# 109516

Flexible Vinyl Gunwale Guard

Easy to handle, flexible, vinyl. For dinghies and small boats. Insert rope (not included- 3/8" nylon recommended) or tubing which covers nail or screw heads.

DWP-811F

Black	Gray	Tan	White
109453	**109454**	**109455**	**109456**

25' Lengths

Black	Gray	Tan	White
740884	**740886**	**740931**	**740887**

Insert tubing
DWP-812-F

Color	Order#
Black	**109457**
White	**109459**

3/8" 3-Strand Nylon Rope
NE-N038 **Order# 125028**

New England Ropes

Gunwale Guard Kits

For Dinghies up to 10'

Kit includes 25' of flexible 811 vinyl gunwale guard, 26' of 3/8" premium 3-strand nylon rope and one box of stainless steel #8 x 5/8" flathead tapping screws.

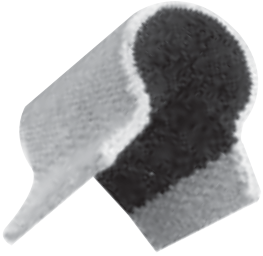
Color	Order#
Black	**166575**
White	**154876**
Gray	**154877**
Tan	**156126**

Traditional Heavy Duty Polyester Gunwale Guard

Looks identical, same natural color and weave, to the old-style cotton canvas guard, and it's better! Now made with a heavy-duty, non-rotting polyester cover which is vulcanized to a non-collapsing, air-cell sponge rubber. If you want the old look in a better product, this is it.

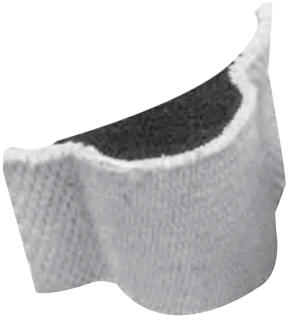
3/4 Round

1-1/4"dia with 3/4" flaps
HM-1518QR
Order# 134053



1/2 Round

Approx. 1-1/2" wide with 3/4" flaps
TEM-1138-HR
Order# 134042



Photos courtesy of The Landing School, Kennebunkport, Maine

Commonly Used Fasteners

For Canvas

Copper Tacks & Brass Escutcheon Pins
See Page 363

#6 Wood or tapping screws
See Page 355 & 357

For Flexible PVC/Vinyl

#8 Tapping Screws
Pan or Flat Head
See page 358

For Rigid PVC

Larger Styles: #14 Tapping Screws, Pan or Flat Head

Smaller Styles: #8-#12 Tapping Screws, Pan or Flat Head
See Page 358

Countersinks & Tapered Bits
See page 353

5200 Adhesive
See page 335

Corner Bumpers

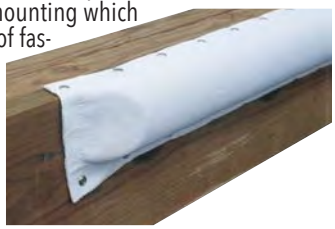
- Ideal protection for the corner of your dock
- Will not deteriorate in the sun or mar your boat
- Cleans easily with liquid soap
- Unconditional non pro-rated five year guarantee
- Polyester textile and closed-cell foam inner cushion, NOT vinyl, PVC or rubber

Size	Order#
4-1/2"W x 1-3/4"D x 12" Each Leg	**154476**
5-3/4"W x 2-1/4"D x 12" Each Leg	**154477**
8-1/2"W x 3-1/4"D x 12" Each Leg	**154478**

Dock & Post Bumpers

Cleans easily with liquid soap. Will not deteriorate in the sun or mar your boat. Polyester textile and closed-cell inner cushion, NOT vinyl, PVC or rubber. Flexible tab system allows standard "Top-of-the-Dock" or unique "Fold-Over" mounting which conceals the top row of fasteners. Flexible enough to mount on curves or around corners, eliminating the need for additional corner bumpers.

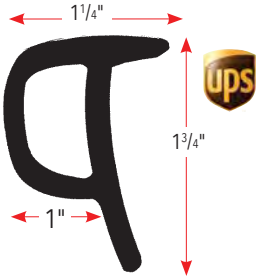
*Ends on these pieces are unfinished



Width x Depth	Length	Order#
3-5/8" x 1-1/4"	4'	**127416**
3-5/8" x 1-1/4"	6'	**154455**
4-1/2" x 1-3/4"	4'	**154459**
4-1/2" x 1-3/4"	6'	**127417**
4-1/2" x 1-3/4"	9'	**154456**
4-1/2" x 1-3/4"	per foot*	**154460**
5-3/4" x 2-1/4"	4'	**127418**
5-3/4" x 2-1/4"	6'	**154471**
5-3/4" x 2-1/4"	9'	**154470**
5-3/4" x 2-1/4"	per foot*	**154472**
8-1/2" x 3-1/4"	4'	**154475**
8-1/2" x 3-1/4"	6'	**154474**
8-1/2" x 3-1/4"	9'	**154473**

Dock Bumper/ Gunwale Guard

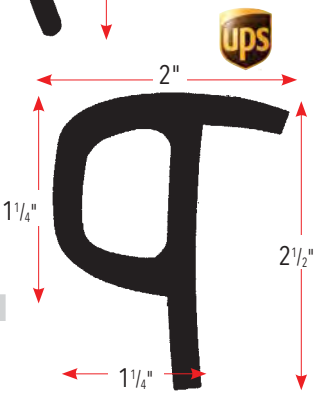
1-3/4" high, 1-1/4" wide.
White DWP-961-AFW
Order# 109516



Dock Bumper/ Gunwale Guard

Extra thick, easy to bend when heat is lightly applied. Durable and strong. May be used as Dock Guard. 2-1/2" high, 2" wide.

Part#	Color	Order#
DWP-961-FB	Black	**109517**
DWP-961-FW	White	**109518**

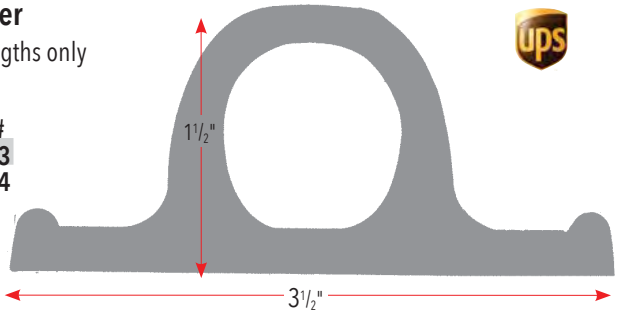


Dock Bumper

Sold in 25' Lengths only

DWP-948-F

Color	Order#
Gray	**738723**
White	**738724**

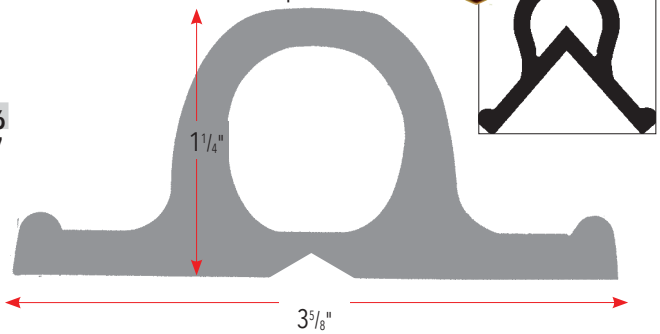


Dock Bumper (Notched)

Mounts flat at 180° or bends to 90° for side/top mount.

DWP-1357-F
up to 100' rolls

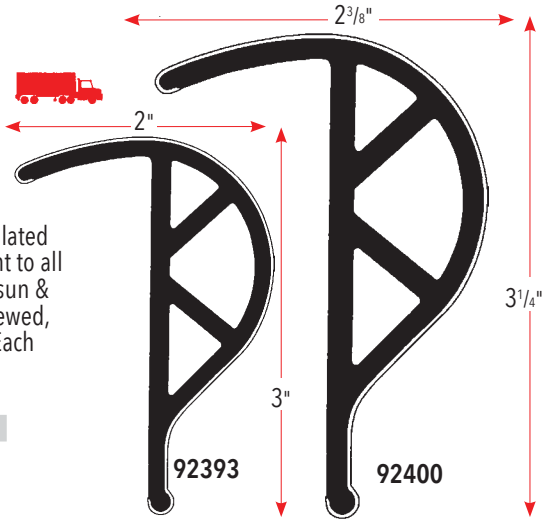
Color	Order#
Gray	**109286**
White	**109287**



Dock Bumper

Made from a specially formulated flexible PVC which is resistant to all of the challenges which the sun & the sea can offer. Can be screwed, nailed or bolted into place. Each piece is 10' long. White.

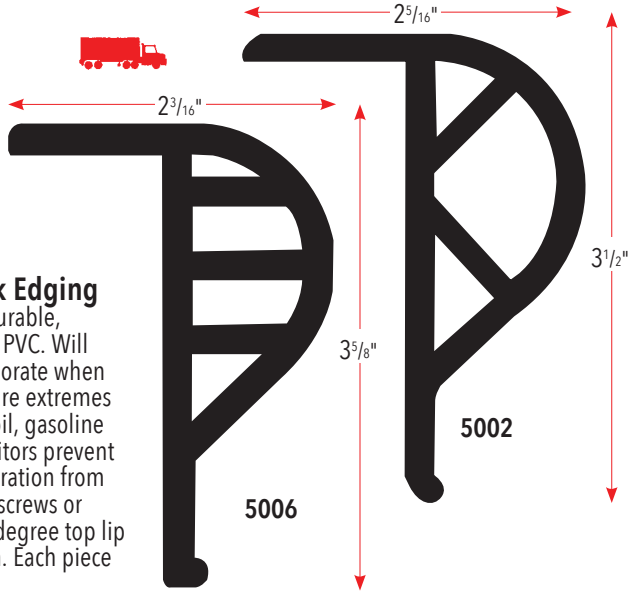
Part#	Order#
BBP-92393FW10S	**735725**
BBP-92400FW10	**174581**



Heavy Duty Commercial Dock Edging

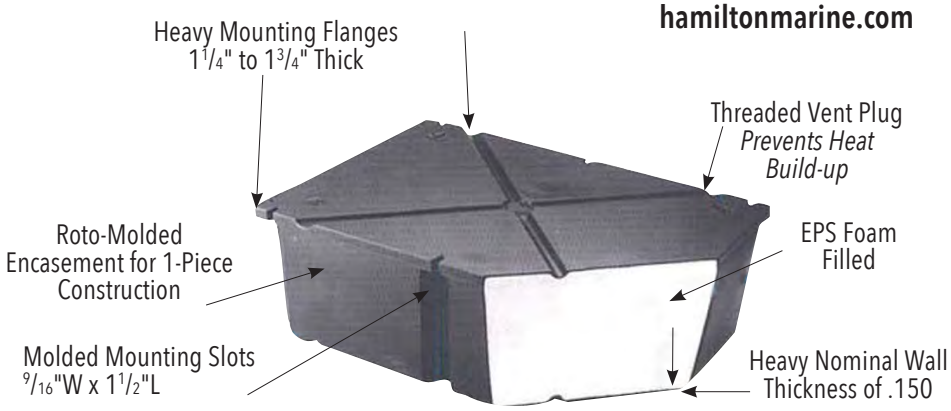
Manufactured from durable, marine-grade flexible PVC. Will not crack, rot or deteriorate when exposed to temperature extremes and is unaffected by oil, gasoline or saltwater. UV inhibitors prevent yellowing and deterioration from sunlight. Fasten with screws or nails through the 90-degree top lip and bottom extension. Each piece is 10' long. White.

Part#	Description	Order#
DMX-5002W	Firm	**758551**
DMX-5006W	Extra Firm	**754025**



ACE Dock Floats

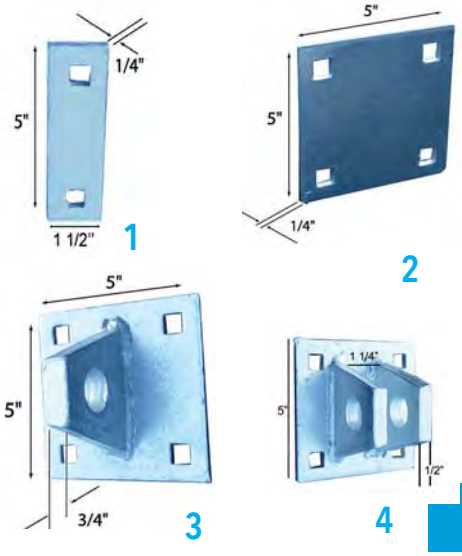
Rugged, seamless, watertight, puncture resistant construction. Impervious to sea worms, resists ice, gas, oil and marine growth. No paint or surface maintenance required. Heavy duty mounting flanges. Roto-molded encasement. All encasements are filled with polystyrene (EPS) beads which ensures each float remains unsinkable. The EPS beads are steamed together to provide less water absorption and solid core for structural strength. The EPS contents have a 0.9-1.2 lbs. per cubic foot density with water absorption not to exceed three pounds per cubic foot.

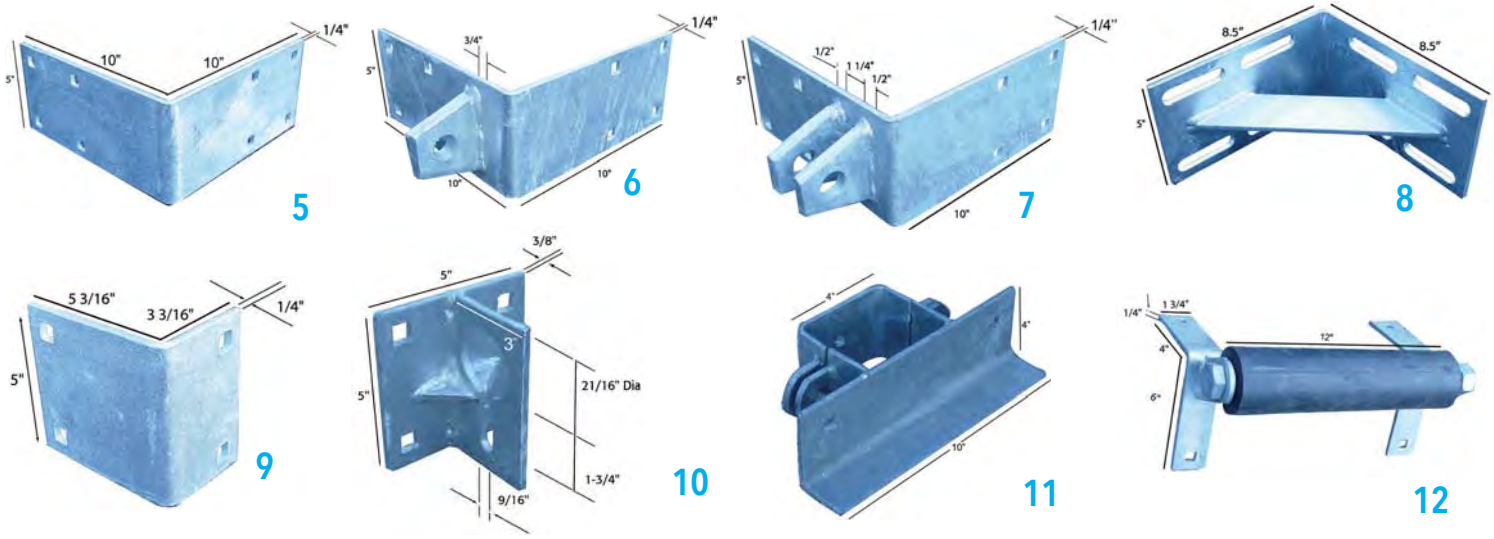


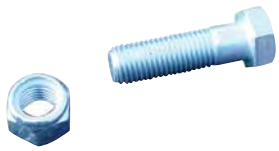
Part#	Float Size	Buoyancy	Cubic Ft.	ShWt	**Order#**
GND-1039	36" x 72" x 12"	1035 lbs	18	75	**154177**
GND-1390	48" x 72" x 12"	1390 lbs	24	95	**154178**
GND-4872-20	48" x 72" x 20"	2270 lbs	40	125	**151775**

Dock Hardware

	Description		**Order#**
1.	Backer Plate	5" x 1-1/2" x 1/4"	**115517**
2.	Backer Plate	5" x 5" x 1/4"	**115518**
3.	T-Hinge Plate	1 Tab, Male	**115519**
4.	T-Hinge Plate	2 Tabs, Female	**115520**
5.	Corner Plate	No Tabs	**115521**
6.	Corner Hinge Plate	1 Tab, Male	**115522**
7.	Corner Hinge Plate	2 Tab, Female	**115523**
8.	Inside Corner Plate	5" x 8-1/2"	**115527**
9.	90° Stiffener Plate	5" x 3-3/16" x 5-3/16"	**115530**
10.	Key Hole Chain Holder	Holds anchor chain to dock, up to 1/2" chain	**115531**
11.	Post Bracket	For 4" x 4" post	**115543**
12.	12" Pile Roller Assembly		**152140**
13.	Heavy Duty Hinge Bolt	1" x 3-1/2" with Nylon Lock Nut	**115559**
14.	T-Pin Kit	3-1/2"L x 1" Dia. with 1" Washer and Lynch Pin	**739804**
15.	T-Pin	5"L x 1" Dia.	**728167**
16.	Lynch Pin	1/4" x 1-7/16"	**744617**





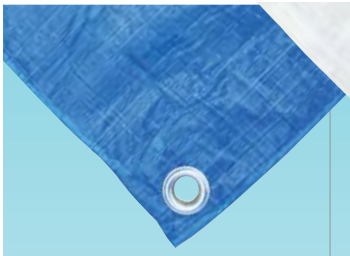

13

14

15

16

Maximum diameter of mounting bolts is 1/2"

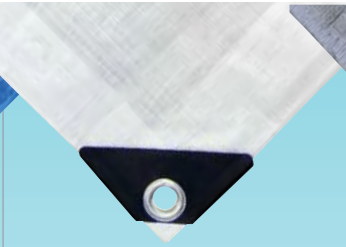


Blue

8 x 7 Weave

Lightweight, economy tarp for general coverage. Features rustproof aluminum grommets.

Order #	Size
731053	6' x 8'
731054	8' x 10'
731058	8' x 20'
731062	10' x 12'
731064	10' x 15'
731067	10' x 20'
731071	12' x 16'
731076	12' x 25'
731084	15' x 20'
731086	15' x 30'
731091	20' x 20'
731092	20' x 25'
731094	20' x 35'
731095	20' x 40'
731102	30' x 40'

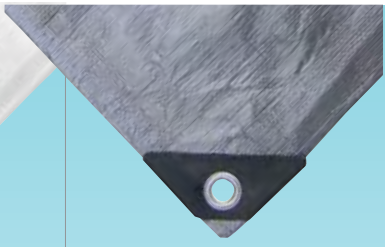


White

12 x 12 Weave

Premium Heavy Duty protection for more demanding applications. 1000 Denier fiber. All four edges heat-sealed and reinforced with PE rope in hem. Corners are reinforced with solid plastic bar. Rustproof aluminum grommets.

Order #	Size
731149	8' x 10'
731150	8' x 20'
731151	10' x 10'
731152	10' x 12'
731153	10' x 20'
731154	12' x 12'
731155	12' x 16'
731156	12' x 20'
731157	12' x 25'
731158	14' x 14'
731159	15' x 20'
731160	15' x 30'
731161	18' x 24'
731162	20' x 20'
731163	20' x 25'
731168	20' x 30'
731169	20' x 40'
731164	24' x 24'
731165	24' x 30'
731166	30' x 30'
731167	30' x 40'



Silver

14 x 14 Weave

Super Heavy Duty provides superior quality for the toughest jobs.1000 Denier fiber. All four edges heat-sealed and reinforced with PE rope in hem. Corners are reinforced with solid plastic bar. Rustproof aluminum grommets.

Order #	Size
731113	8' x 10'
731116	10' x 12'
731117	10' x 16'
731118	10' x 20'
731121	12' x 20'
731123	12' x 25'
731127	14' x 20'
731128	15' x 30'
731130	16' x 20'
731133	20' x 20'
731134	20' x 24'
731135	20' x 30'
731136	20' x 40'
731139	24' x 36'
731140	26' x 40'
731142	30' x 40'
731143	30' x 50'
731144	30' x 60'
731146	40' x 60'
731147	50' x 100'

Please note: Tarps are measured before hemming. Actual dimensions are approximately 6" less than normal size.

Nylon Tie-Down Rope

Sold by the foot or 1000' spool.

Size	Order#
3/16"	**732899**
7/32"	**118582**

Shock Cord

CCD-CORD

Size	Tracer	Ft/Spool	Order#
1/4"	Black	500	**162948**
5/16"	Grn & Yel	500	**162949**

Tarp Grabber

Add a grommet anywhere you want one, instantly.

Qty	Order#
4	**146671**
12	**146672**

Tarp Tape

Strong, flexible, waterproof tape for repairing tarps. 2" x 35' Roll.

Color	Order#
Blue	**146668**
Green	**146670**

Adjustable Hooks

5/16", Black plastic.
Order# 103059 each

Tarp Straps

Black rubber. Sold in packs of 2.

Length	Order#
9"	**755680**
15"	**755681**
21"	**755682**
31"	**755683**
41"	**755684**

Bungee Cords

Length	Order#
13"	**103065**
18"	**103066**
24"	**103067**
30"	**103068**
36"	**103069**

New!

Bottle Cap Hook

Fits most plastic bottles. 4 pack.
Order# 762669

Tarp Clip with Hook

Heavy duty nylon swivel clip.
Order# 762670

Peel & Stick Tarp Tabs

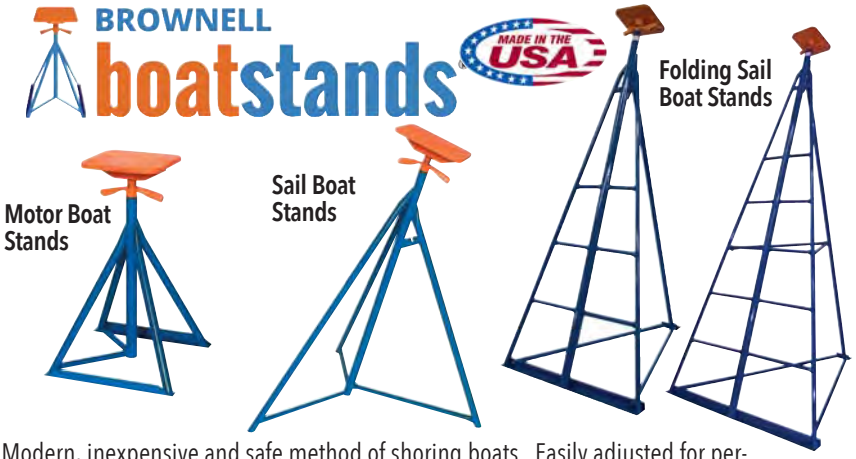
For adding grommets. 4 pack.
Order# 764200

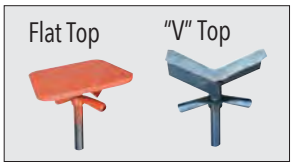
Peel & Stick Tarp Grommets

For adding grommets. 4 pack.
Order# 762679

BROWNELL boatstands

MADE IN THE USA





Motor and sail boat stand tops and bottoms are sold separately online.

Modern, inexpensive and safe method of shoring boats. Easily adjusted for perfect fit. Constructed of steel tubing for high strength. The boat's weight rests on keel blocks stabilized with boat stands. Available in Flat or "V" Stands. For sailboats, a 3/16" safety chain must be used (also available).

How To Choose The Proper Boat Stand:
Stands are used only to stabilize the boat. Use keel blocking to support the weight of the boat. Measurements should be taken from the ground to the flat of the hull (including the keel blocking). Base your measurement on keeping the minimum number of threads exposed. If there is a straight line from the hull to the ground, use motorboat stands. If the hull is at an angle to the ground, use sailboat stands.

Number Required:
A minimum of 4 boat stands should be used with powerboats and a minimum of 5 should be used with sailboats. (A full-keel sailboat may not require a bow stand.) Use a pair of boat stands, one placed port and one starboard, for each 8' of boat length. Extremely windy areas may require extra stands for stability.

Bow and/or Stern:
Most sailboats require a bow stand with a "V" top to prevent the bow from dropping forward.

Motor Boat Stands

Part#	Material	Size	Style	Order#
HMJ-MB-0	Steel	41" to 58"	Flat	**118161**
HMJ-MB-1	Steel	33" to 50"	Flat	**118162**
HMJ-MB-2	Steel	28" to 46"	Flat	**118163**
HMJ-MB-3	Steel	25" to 38"	Flat	**118164**
HMJ-MB-4	Steel	18" to 25"	Flat	**118165**

Sail Boat Stands

Part#	Material	Size	Style	Order#
HMJ-SB-0	Steel	79" to 96"	Flat	**118166**
HMJ-SB-0V	Steel	79" to 96"	V	**118167**
HMJ-SB-1	Steel	64" to 81"	Flat	**118168**
HMJ-SB-1V	Steel	64" to 81"	V	**118169**
HMJ-SB-2	Steel	48" to 65"	Flat	**118170**
HMJ-SB-2V	Steel	48" to 65"	V	**118171**
HMJ-SB-3	Steel	35" to 52"	Flat	**118172**
HMJ-SB-3V	Steel	35" to 52"	V	**118173**
HMJ-SB-4	Steel	23" to 37"	Flat	**118174**
HMJ-SB-4V	Steel	23" to 37"	V	**118175**

Folding Sail Boat Stands

Part#	Material	Size	Style	Order#
HMJ-SB-8	Steel	95" to 111"	Flat	**740735**
HMJ-SB-9	Steel	108" to 125"	Flat	**740736**
HMJ-SB-105	Steel	123" to 140"	Flat	**741039**

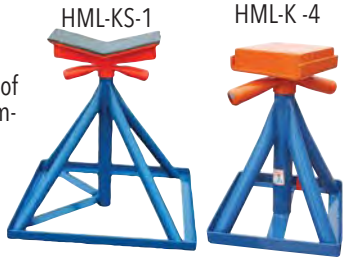
Galvanized stands also available

Wood Top Only With Fasteners & Nuts
Orange. HMJ-WT-OPLY **Order# 732941**

Keel Stands

Use keel stands in place of conventional wood block. Use one keel stand for each 10,000lb/4,550kg of vessel weight, spaced evenly along the keel. Always use a min of two keel stands. On softer surfaces, a wash plate is recommended under the base of each keel stand.

Part#	Size	Order#
HMJ-KS-1	20" - 32"	**747941**
HMJ-K-4	15" - 24"	**732579**



3/16" Hot Galvanized Boat Stand Chain
ACC-30-019-HGP **Order# 755729**

Silverized Polyester Boat Covers

GulfStream *TRAILERABLE!*

100% polyester, lightweight with superior strength and water repellence. Reflective silverized coating protects against UV light. Mildew resistant urethane coating. New features include bow & stern reinforcements, web loop reinforcements, bow strap and storage bag. 3 year warranty.

Type	Silverized Poly Cover Fits	Max Beam	Order#
Model A	14'-16' V-Hull Boats	68"	**165740**
Model B	14'-16' V-Hull, Tri-Hull Runabouts & Alum. Bass Boats	90"	**165741**
Model C	16'-18.5' Bass Boats	94"	**165742**
Model D	17'-19' V-Hull & Runabouts (Except Cuddy/Center Console)	96"	**165743**
Model E	20'-22' V-Hull & Runabouts (Except Cuddy/Center Console)	100"	**165744**

Heavy Duty Polyester Boat Covers

GulfStream *TRAILERABLE!*

Heavy-duty polyester, lightweight for superior strength and durability. Treated for water repellency, UV and mildew resistance. Breathable fabric prevents moisture build-up. Features include trailering straps, bow & stern reinforcements, web loop reinforcements, bow strap and storage bag. 5 year warranty.

Type	Polyester Cover Fits	Max Beam	Order#
Model A	14'-16' V-Hull Fishing Boats	68"	**165745**
Model B	14'-16' V-Hull, Tri-Hull Runabouts & Alum. Bass Boats	90"	**165746**
Model C	16'-18.5' Fish and Ski & Pro Style Bass Boats	94"	**165747**
Model D	17'-19' V-Hull Runabouts (except Cuddy/Center consoles)	96"	**165748**
Model E	20'-22' V-Hull Runabouts (except Cuddy/Center consoles)	100"	**165749**

Boat Cover Support Kit

This easy to use telescoping support system keeps your boat cover from sagging and allowing water to pool, which helps extend the life of the material. Self-standing with support plates on the top and bottom, the bottom support plate also has a foam pad to prevent sliding and protects the boat. Adjusts heights easily from 300 to 500 in 2.5" increments to accommodate different styles of boats. The nylon strap assembly is 50-ft long and fits most boats up to 22 feet in length. It is easy to install and stores compactly when not in use. CAC-41970 **Order# 760703**

800-639-2715

JABSCO Oil Change Pump

a xylem brand

12 volt. Quick, easy and clean. Reversing bronze pump. Rebuildable.
JAB-17800-2000
Order# 149097

JABSCO "Do It Yourself" Oil Changer

a xylem brand

Self contained oil change system. Fully assembled 3-1/2 gallon pail. 12 VDC with integral power switch. JAB-17850-1012
Order# 175106

Oil Change Pump Kit

JOHNSON PUMP

Lightweight, compact, and easy to transport. Includes a 5-gallon bucket with sealed lid, pump assembly, dipstick tube, heavy-duty alligator clips, and easy pour spout. 12 VDC.

With Bucket Kit
JPA-65000 **Order# 745234**

Without Bucket
JPA-80-4750801 **Order# 746769**

MOELLER marine products Fluid Extractor

Works with upstroke or downstroke. Extracts warm or cold oil. Automatic shut-off float. Tethered cap and easy-pour spout. Bucket style handle. Manual pressure relief valve. Fold-down foot braces. Thread-on extraction tube kit & garden hose adapter kit included.

7 Liter MOE-035340
Order# 746760

5 Liter MOE-035330
Order# 746759

Drill Pumps

JABSCO a xylem brand

For transferring fluid almost anywhere an electric drill with 1/4" to 3/8" chuck can be operated. 1/4" dia shaft. Includes 3/4" garden hose thread port adapters.

Description	Order#
Pump	120248
Pump w/Probe & Hose	120246

12v Reversible Vane Puppy

JABSCO a xylem brand

1/2"NPT, 8 amp. 6 GPM.
3-3/8"H x 8-5/8"L x 4-3/4"W
JAB-18680-1000
Order# 149096

12v Reversible Oil Changer Pump

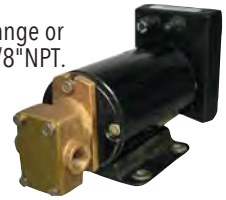
JABSCO a xylem brand

JAB-18620-0003
Order# 120274

Heavy Duty 12v Oil Changer Pump

Features 60 watt motor, high capacity pump, and chemical resistant impeller.
SS-Z70000
Order# 751998

GROCO Reversible Gear Pump



Bronze body. Ideal for oil change or fuel transfer. Self-priming. 3/8"NPT. 12 volt. GRO-GPBR1-12V
Order# 169721

GROCO 12v Oil Change System

Sturdy bronze gear pump (up to 3.5 gph) Touch-pad control. Built in controls prevent dry-run damage. 12 volts, 3 valves.
GRO-GHSN13-12V
Order# 169512

Beckson Handy-Mate Utility Pump

Tough marine plastic, will not rust or corrode. Non sparking. For diesel, oil & water. 12-3/4"L x 1.5"Dia., (2) intake tubes, 1/2" x 22" & 1/4" x 36", 1.25" x 10" oil discharge tube. Pumps water at 5 gpm.
BEC-12PC **Order# 102946**

Beckson Handy-Mate Utility Pump

All plastic, will not rust or corrode, for diesel, oil & water. 16"L x 1.5"Dia., (2) intake tubes, 1/2" & 1/4" x 36", 1.25" x 24" flexible hose, 1.25" x 10" oil discharge tube.
BEC-16PC **Order# 102951**

Beckson Siphon-Mate Transfer Pump

All plastic, will not rust or corrode, for diesel, oil & water. 11.5"L x 1.25" Dia., Includes clear tube. Lifts 4 oz/stroke.
BEC-9PC **Order# 102955**

JABSCO Little Pal Utility Pump

a xylem brand

Ideal for small engine & gearbox oil drain. Up to 1 GPM output. Connection for 1/2" ID hose. 1 x 1/4" probe.
JAB-34060-0010
Order# 120370

JABSCO Brass Utility Hand Pump

a xylem brand

7 strokes per gallon. Cylinder diameter: 1-3/4". 14" stroke length. 22-1/2" overall length. 1" hose connection. Uses include bilge pumping, oil draining, diesel fuel transfer, and other liquid transfer applications. JAB-33745-0000 **Order# 120362**

Engine Oil Drain Pump

JABSCO a xylem brand

Polished brass, connects directly to engine oil dipstick tube. Screws into threaded male 3/4" garden hose fitting on top of dipstick tube, Includes 2' of 1/2" ID drain hose.
JAB-34060-0130 **Order# 120371**

Handy Boy Utility Pump

JABSCO a xylem brand

Drain, fill or top off engine and gearbox oil. Up to 1.5 GPM output. Connection for 1/2" ID hose, Foot adaptor for 1/2" ID hose, (2) 1/2" ID hoses, (1) 5/16" probe.
JAB-33799-0000
Order# 120365

Star brite Lower Unit Quart Pump

Fits standard quart plastic bottles and flexible hose to get to hard-to-reach fill plugs. Metal threaded fitting fits Mercruiser, OMC, Evinrude, Johnson, Honda (70-90hp), Volvo, Force and Gamefisher lower units.
STA-27400 **Order# 741143**

MOELLER marine products Universal Motor Flushers

For use on all lower units with side water inlets; includes Volvo's SX.

Part#	Type	Order#
MOE-99077-00	Rectangular	170551
MOE-99076-00	Round	746844
MOE-380160	Dual Feed	746761

MOELLER marine products Inboard PRO Motor Flusher

Designed to fit inboards, performance ski boats and boats with a thru hull water intake. 360° plastic support ring insures a tight fit to the bottom of the boat.
MOE-99085-00 **Order# 751358**

Stainless T-fitting locks into slotted intake

SEASENSE Adjustable Inboard Motor Flusher

Perfect for inboard engine flushing, or running an inboard engine out of the water for maintenance. Adjusts from 15.5" to 30".
UNM-50073761 **Order# 729843**

White Premium 7 Mil. Shrink Wrap

Clear & Blue also available. Please call.

Size	Order#
14' x 213'	**729519**
28' X 114'	**172182**
16' X 372'	**172954**
20' X 298'	**152786**
20' X 160'	**169066**
24' X 120'	**169055**
24' X 248'	**152787**
32' x 100'	**165679**
32' x 186'	**145753**
40' x 100'	**172183**
40' x 149'	**142112**

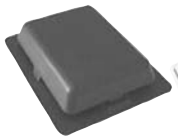
Shrink Wrap Tape

White

Size	Order#
2" x 180'	**141863**
4" x 180'	**141610**
6" x 180'	**149101**

Shrink Wrap Vents

A



B

C

	Part#	Description	Order#
A.	SEA-26683	Weather Tight Self Adhesive 4"x5"	**172176**
B.	SEA-27BSP1	Stealth Vent Push-In	**172175**
C.	SEA-27VT01	Stealth Vent Stick-On	**153688**

Foam Blocks 2" x 3" x 24"

SEA-27170 **Order# 172180**

Access Doors

Size	White	Clear
30" x 36"	**142397**	**165330**
36" x 48"	**141865**	**145704**
36" x 72"	**172179**	–

Oil Absorbent Sheets

Each sheet absorbs 13 to 25 times its weight in oil, fuel and other hydrocarbons. Great for engine work, winterization and cleaning spills. Also for waxing and polishing.

Part#	Size	Weight	Order#	#Bale
HM-OSP6W	15" x 19" x 3/16"	Single	**123472**	200
HM-OSP9W	15" x 19" x 1/4"	Medium	**123422**	100
HM-OSP12W	15" x 19" x 1/4"	Double	**145762**	100

Fine Fiber Multi-Layered Perforated Polyprolene Sorbent Sheets

Non-shedding sorbents to be used where strength is a must. Smooth surface adds strength needed for high-traffic areas. Absorbs splashes and spills under and around machinery. Can also be used as wipers. 15" x 19". Absorbs 25 gallons/bale. 200 sheets/bale.
HM-OSFFP6W **Order# 165189**

Oil Eradicator Shark

Digests pollutants such as oils, gas, grease, diesel and kerosene on the water surface and turns them into food for fish and plants. Just place in the bilge or inside a containment area and let Mother Nature do her thing. YYE-SHARK **Order# 749646**

Replacement Tablets

Part#	Tablets	Order#
YYE-TANKTAB10	10	**749648**
YYE-TANKTAB24	24	**749647**

ShrinkFast Heat Gun

Adjustable power of 134,000 BTU at 15PSI to 212,000 BTU at 30 PSI. Wide even heat pattern, up to 18" in a single pass. Has adjustable combuster orientation with quick disconnect for extension use.
SEA-26998 **Order# 145676**

Rapid Shrink Heat Gun Tool Kit

100,000 BTUs. An economical & effective shrink wrap gun for boats up to 26'. Includes 25' propane hose, adjustable regulator, training DVD, safety glasses, gloves & plastic case. DRS-DSRS100
Order# 736252

3' Gun Extension
DRS-DSRS70-EXT **Order# 737075**

Disposable Film Cutting Knife

Colors may vary. DRS-DS007D **Order# 737074**

Non-skid Bottom Support Pole Cap

To fit the bottom of a 2" x 4" board.
DRS-BCAPS **Order# 736571**

1/2" Buckles

100/bag. For use with strapping.
DRS-DS050 **Order# 737079**

Strapping

Used with uprights & buckles to form the support structure under shrink wrap covers.

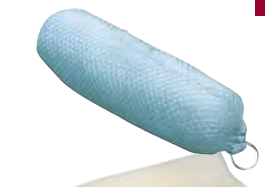
Part#	Size	Order#
SEA-27PD40TCW	1/2" x 1500'	**141864**
SEA-27PD50TCW	1/2" x 3900'	**172174**
SEA-27PD60TCW	3/4" x 2100'	**142178**

Oil Absorbent Booms

CHEMTEX

Linkable booms are used to contain and absorb spills on or off water. Built-in connectors link booms together to cover large areas of water. 5" x 10' Lint-free. 4/bale. HM-OSB5
Order# 145765

Bilge Buoy



Best used in boat bilges as well as sumps. 5" x 15" absorbs 1 gallon. HM-OSB1
Order# 145766

Bilge BioSock

Absorbs and biodegrades the oil and fuel in the bilge. Lasts a full boating season. 12". JPA-58001 **Order# 737652**

MADE IN THE USA

JOHNSON PUMP

Oil-Only Polypropylene Sorbent Sock

These socks will not absorb water or water-based liquids. Highly absorbent and dust free, they help keep a clean and safe working environment. Use indoors or out. 3" x 4'

30 gallons/case, 30 socks/case
HM-OSS4B **Order# 145767**

Oil Absorbent Pillows

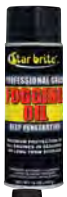
Use to absorb large amounts of fluids where a pad just isn't enough. Also good to use in tight, hard to reach areas. Use oil-only pillows on land and water. Great in coolant tanks or sump pump wells.

Size	Gallons/Case	#Case	Order#
9" x 15"	17	16	**145770**
18" x 24"	30	15	**145769**

Fogging Oil

Star brite

Coats all interior engine surfaces with a heavy duty polymer that prevents corrosion during winter storage. Makes starting the engine after storage easy. 12 oz. STA-84812 **Order# 152695**



Engine Stor® Fogging Fluid

CRC

As fogging fluid, it protects outboard motors, marine engines & internal combustion engines, insures longer life. As long term metal protectant, it keeps pistons, rings & cylinder walls corrosion free. Also protects electrical connections in use/storage. 13 oz. CRC-06068 **Order# 106444**

Engine Tune-Up

CRC

Breaks down carbon build-up & other harmful engine deposits. Improves engine performance & power and solves many rough-idle problems. 13 oz. CRC-06121 **Order# 173788**

Instant Galvanize

CRC

High performance coating of 95% pure zinc that electrochemically bonds to ferrous metals. Provides protection of hot dip galvanize with on the job convenience. Renew and protect your trailer's finish. 13 oz. CRC-06054 **Order# 106440**

Marine Formula 6-56

CRC

Long lasting, superior lubrication that resists water and salt spray. Drives out moisture that can cause electrical failures and hard starting. Penetrates deep through rust and corrosion to loosen frozen parts. Starts wet engines. 5 oz. CRC-06005 **Order# 106435**

Corrosion Inhibitor

CRC

Heavy Duty. A long term, flexible corrosion inhibitor that protects & preserves metal surfaces, electrical connections, engine components & fasteners subject to salt spray and high humidity. 10 oz. CRC-06026 **Order# 106438**

White Lithium Grease

CRC

Heavy duty lubricant. Provides superior lubrications & durability in any weather and most temperatures. It is a versatile grease designed for applications requiring a long grease life. Will not wash off, melt or freeze. 10 oz. CRC-06037 **Order# 106439**

Super White Lithium Grease

CRC

Lithium base NLGI-2 grease, drop point of 380°F. A high purity, NLGI Grade 2 multi-purpose white lithium grease. Provides superior lubrication & durability in any weather and most temperatures. Bright white in color. Ideal for when appearance is important. 14 oz cartridge. CRC-SL3150 **Order# 734131**

White Teflon Lubricant

Star brite

Super adhesion. Reduces wear, stops squeaks, and outperforms normal grease lubricants. Non-toxic, non-staining. 4 oz. tub. STA-85504 **Order# 131982**

Duralac

Anti-corrosive joining compound. Inhibits electrolytic corrosion between dissimilar metals. 115 ml. HRG-DUR-2192 **Order# 174515**

Corrosion X

Stops & prevents corrosion and rust. Super lubricant and penetrant.

Size	Order#
6 oz, Reg duty, Aerosol	**106551**
16 oz, Reg duty, Aerosol	**106550**
16 oz, Reg duty, Spray	**139692**
12 oz. Hvy duty, Aerosol	**106549**

Fluid Film

Rust and corrosion preventive for quick and effective corrosion control. No solvents makes it environmentally friendly. Great for gears, outboard engines, trailers, cables, fishing reels, vinyl/leather, chains, cleats, hasps, locks and battery terminals. Undercoater for vehicles provides long term protection from road salt and calcium chloride and protects brake lines.

Part#	Description	Order#
ECC-100207	11.75 oz Aerosol	**109540**
ECC-102207	1 Gallon Liquid	**109542**
ECC-103207	1 Gallon Soft Gel	**109543**
ECC-NAS1	1 Gallon Undercoater	**736298**

Fluid Film Undercoater Spray Gun

For use with Fluid Film undercoater. Works with an air compressor. Includes trigger spray gun and bottle. ECC-FFSPRAY **Order# 736299**

Star brite

Standard Duty Lever Grease Gun

Lever action for maximum pressure per stroke. Corrosion-resistant finish. Accepts 14 oz cartridges. STA-28704 **Order# 738822**

Star brite

Pistol Grease Gun & Wheel Bearing Grease

Contains lube gun and 3 oz. cartridge of marine wheel bearing grease. Convenient, one hand application. Heavy duty design for years of trouble-free use. STA-28703 **Order# 738820**

Star brite

Wheel Bearing Grease

Superior rust and corrosion protection from salt water, salt air and atmospheric chemicals. Special water-insoluble formula is highly resistant to wash-out.

Size	Quantity	Order#
3 oz	2-pack	**738821**
14 oz	1	**738548**

Super Lube Synthetic Grease®

These products increase productivity, decrease downtime and extend the life of your machinery, while providing cost-effective and trouble-free maintenance.

Part#	Size	Order#
SL-21010	1/2 oz Tube	**734457**
SL-21030	3 oz. Tube	**131093**
SL-41150	14.1 Cartridge	**734458**
SL-41160	14.1 Canister	**734459**

Super Lube® Aerosols

Part#	Description	Order#
SL-31110	11 oz Aerosol	**131095**
SL-11016	11 oz Dri-Film	**734453**
SL-85011	11 oz Penetrant	**734454**

Super Lube® Anti-Corrosion & Connector Gel

3 oz tube. SL-82003 **Order# 734455**

FORESPAR

Marelube™ Valve Lube

For the lubrication of marine valves and seacocks of any material, metal or composite. It is not petroleum based so it will not degrade seals and O-rings. Operates over a wide temperature range from Tropical to Arctic conditions. Apply liberally to valves, seals, balls and any other moving parts. FOR-770050 **Order# 740614**

Marelube™ TEF 45

Formulated with 45% PTFE for maximum effectiveness. High-load lubrication in fresh or salt water. Excellent for long-term corrosion protection on fasteners. Use on turnbuckles, rigging fittings or rebuilding and maintaining lower units. 4 oz. FOR-770067 **Order# 742565**

Star brite StarTron™ Fuel Treatment

Prevents & reverses problems with E-10 ethanol!

An additive for diesel and gasoline engines. Increases power, reduces emissions, improves fuel economy, removes carbon build-up and stabilizes fuel chemistry. Cleans injectors, disperses bacteria, treats water in fuel.

Part#	Fuel	Size	Treats	Order#
STA-14308	Gas	8 oz	48 gal	**731194**
STA-93008	Gas	8 oz	128 gal	**163416**
STA-93016	Gas	16 oz	256 gal	**729231**
STA-93032	Gas	32 oz	512 gal	**164541**
STA-93108	Diesel	8 oz	256 gal	**163414**
STA-93116	Diesel	16 oz	512 gal	**729232**
STA-93132	Diesel	32 oz	1,024 gal	**729233**

Star brite StarTron™ Ring Clean

Formulated to remove existing deposits and help prevent the formation of new deposits caused by ethanol-blended fuel. Keeps carburetors, fuel injectors, intake ports and combustion chambers clean. Works in all gas and diesel engines; use every time fuel is added to keep engines in optimal condition. 16 oz.
STA-95616 **Order# 756989**

Fuel Stabilizer

CRC

For all 2 & 4 cycle engines. Keeps fuel fresh during storage. Protects against corrosion. Prevents gum and resin build-up. Keeps filters and injectors clean. Non-staining.

Part#	Fuel	Size	Treats	Order#
CRC-06161	Gas	8oz	40gal	**140247**
CRC-06162	Gas	16oz	80gal	**140248**
CRC-06163	Gas	30oz	160gal	**140249**
CRC-06164	Gas	Gallon	640gal	**140250**
CRC-06171	Diesel	8oz	80gal	**140254**
CRC-06172	Diesel	16oz	160gal	**140255**

BIOBOR® JF Diesel Antifungal Treatment

Kills and prevents microbial growth, prevents clogged filters that shut down engines, lubricates injectors and fuel pumps, Dual Phase - soluble in both water and fuel phases for a more effective kill, prevents corrosion, eliminates excessive sludge accumulation and expensive fuel polishing. 1 oz treats 80 gallons.

Size	Order#
8 oz, Easy-Squeeze	**117124**
16 oz, Easy-Squeeze	**117125**
32 oz, Solid can	**117126**

Diesel Fuel Conditioner

Reliquefies gelled fuel. Lowers pour point and cold filter point. Improves fuel lubricity. Reduces emissions and smoke.
CRC-05432 **Order# 157162**

CRC

WD-40 Multi-Purpose Lubricant

The classic WD-40 with Smart Straw. Never lose the little red straw again! Flip straw into place and direct where you want it. Simply flip the straw down and spray like normal. 12 oz.

Part#	Size	Order#
HTV-178410	8 oz	**108385**
HTV-178413	12 oz	**900027**

Tef-Gel Lubricant

Eliminates: Corrosion of stainless screws in aluminum, on outdrives, outboards, steering gear, fishing equipment, outriggers, davits, masts, booms and especially canvas snaps. Blistering of painted surfaces, dockware, light fixtures, and junction boxes. Seizing of moving parts such as turnbuckles, chair adjusters, slides, hinges and reel mounts. Galling of stainless steel and titanium locknuts and hardware.

Part#	Size Tube	Order#
USS-TEF20-CC	1 oz. Tube	**135591**
USS-TEF2-OZ	2 oz. Tub	**755118**

Oil to Gas Accu-Mix Bottle

24:1, 33:1, 40:1, 50:1 & 100:1 ratios printed on bottle. 32 oz.
SD-588614 **Order# 143732**

Star brite Fuel Stabilizer

Stabilizes and fogs in one step. Prevents fuel from breaking down for up to 2 years with a polymer coating that acts like fogging oil. Completely corrosion-proofs all internal engine surfaces, even places that traditional fogging oil can't reach. Great for inboard and outboard winter storage.

Part#	Fuel	Size	Treats	Order#
STA-84308	Gas	8 oz	40 gal	**131963**
STA-84316	Gas	16 oz	80 gal	**131964**
STA-84332	Gas	32 oz	160 gal	**131965**
STA-84408	Diesel	8 oz	80 gal	**131966**
STA-84416	Diesel	16 oz	160 gal	**131967**

Star brite LPC Multifunction Diesel Fuel Additive

Combines lubricity enhancer with a pour point depressant and a cetane booster. Improves fuel quality and performance.
32 oz. STA-95532 **Order# 737097**

Sta-Bil™ Marine Formula

E-10 ethanol gasoline treatment!

Prevents corrosion from ethanol-induced water attraction. Cleans fuel injectors and intake valves to improve engine performance. Can be used daily for optimal protection. Marine Formula has double the corrosion preventer and more than four times the fuel system cleaner in regular Sta-Bil™.

Part#	Size	Treats	Order#
GLD-22241	10 oz	100 gal	**732674**
GLD-22240	32 oz	320 gal	**730803**

ValvTect Extended Protection Gasoline Treatment

Specially formulated to enhance the characteristics of gasoline types including non-ethanol, ethanol to E85, racing, as well as new types such as synthetic and biogasolines. Controls moisture, prevents corrosion, cleans injector deposits, improves engine performance and fuel economy. Designed to stabilize fuel for up to one year. 16 oz treats 160 gallons.
VPP-VEGA12 **Order# 735840**

ValvTect Octane Boost

Boosts octane up to 2 numbers, increases engine power, maximizes engine performance, cleans up fuel system deposits, safe for 2 & 4 cycle marine and off road non-catalyst engines. 32 oz.
VPP-VOBA32 **Order# 735838**

ValvTect BioGuard Plus 6

Contains BioGuard (no 7), the industry's most effective microbiocide to prevent biological growth and corrosion of your fuel tank and engine system. Also contains Diesel Guard Supreme multifunctional diesel additive that contains stabilizer, moisture dispersant, corrosion inhibitor, detergent, cetane improver and VT 101™ lubricity improver. VPP-BGDP6

Size	Order#
32 oz	**739864**
Gallon	**739865**

ValvTect BioGuard ULS Fuel MicroBiocide

Contains EPA registered microbiocides that quickly and effectively kills and prevents the growth of bacteria and fungi found in diesel fuel, heating oil, residual oil, lubricating oil and gasoline. Works in as little as 2 - 3 hours. 16 oz.
VPP-BGDS16 **Order# 735856**

ValvTect Diesel Guard Heavy Duty Marine Diesel Fuel Additive

For heavy duty diesels. Stabilizes fuel and disperses water. Prevents sludge and filter plugging. Raises cetane up to 2 numbers. Reduces smoke & soot. Improves power and fuel economy. Cleans, lubricates and extends the life of injectors & pumps. 32 oz.
VPP-DFMS32 **Order# 735855**

-50°F Non-Toxic Antifreeze

Protects potable water systems against bursts. Propylene glycol is non-toxic and helps lubricate pumps and valves without leaving harmful residues or after tastes. Use full strength. Not for engines!

Size	Order#
Gal	117830

For potable water and engine storage

Size	Order#
Gal	755942
Drum	755943

Mobil™ MX Delvac 15-40

High performance diesel engine oil. Helps extend engine life in the most severe on and off highway applications. For 2006 and older. Non-synthetic.

Size	Order#
1 Gallon	174048
5 Gallon	174049

Rotella T1™ SAE 30

Heavy duty engine oil. Straight grade.

Size	Order#
Quart	130411
Gallon	164970

Star brite Synthetic Lower Unit Gear Lube 80W 90

Meets or exceeds OEM requirements, will not void manufacturers' warranty. For use in Mercury, Mercruiser, Johnson, Evinrude, OMC, Force, Mariner, Nissan, Suzuki, Yamaha and Volvo. STA-27232 **Order# 738553**

Star brite Hypoid 90W Gear Oil

For API GL-5 service, for outboards & stern drives with mechanical shift mechanisms. Will not void manufacturers' warranties.

Size	Order#
10 oz	738551
32 oz.	738552

Star brite Tilt and Trim Fluid

Exceeds OEM warranty requirements. Advanced stabilizing additives for optimum performance in hydraulic trim tabs, power tilt and power steering systems. 10 oz. STA-28510 **Order# 738554**

Auto/Marine Antifreeze

NaviGuard Antifreeze & Coolant is a conventional green colored, ethylene glycol based antifreeze formulated for use in automotive as well as light and heavy-duty vehicles. MLS-134239 **Order# 169791**

Chevron™ 15-40 URSA SP

Meets warranty requirements for all gasoline, diesel, & turbocharged engines specifying this grade and API service classification. Non-synthetic.

Size	Order#
1 Gallon	729395
5 Gallon	729210

Rotella T™ Triple Protection 15W 40

Heavy duty synthetic engine oil with XLA for extra protection.

Size	Order#
Quart	130410
Gallon	167704
5 Gallon	146184

Star brite Premium Type C Lower Unit Gear Lube

For electric shift gear cases used on Johnson and Evinrude outboards and OMC sterndrives, 1977 and earlier. Meets or exceeds OEM requirements, will not void manufacturers' warranty.

Size	Order#
10 oz	738643
32 oz.	738644

Star brite High Viscosity Gear Oil

For API MT-1 GL-5, MIL-L-2105D service. For lower units of all outboard motors and stern drives. Will not void manufacturers' warranties.

Part#	Size	Order#
STA-27010	10 oz	738549
STA-27032	32 oz.	738550

Star brite Lower Unit Fill Kit

Two 10 oz tubes of high viscosity lower unit gear lube and lube tube. STA-29020 **Order# 738555**

AW32 Hydraulic Oil

Premium quality anti-wear hydraulic oil. 5 Gallon. DLM-TVAW32 **Order# 726779**

Star brite Outboard Oil 50:1

NMMA (TC-W3) certified. Meets or exceeds all engine manufacturers' warranty requirements. Evinrude, Mercury, Yamaha, Suzuki, Tohatsu, Johnson, SeaDoo, JetSki, Polaris, & Nissan.

Size	Order#
Pint	738557
Quart	738559
Gallon	738556
2.5 Gal	738558

QUICKSILVER Synthetic Inboard Oil

For sterndrives & inboards. 4-cycle. Do not use in 2-cycle engines. Quart MER-92-8M00636 **Order# 728266**

QUICKSILVER 2-Cycle Outboard Oil

NMMA (TC-W3) certified. For all horsepower outboards & other 2-cycle water or air-cooled engines.

Size	Order#
Quart	729024
Gallon	729023

10W30 Engine Oil

Specifically formulated to meet or exceed the tough requirements of the 4-stroke motor manufacturers, Mercury, Yamaha, Johnson-Evinrude, Suzuki and Honda. Quart SIE-18-9420-2 **Order# 163817**

Lower Unit Pump

Quart sized pump for outboard lower units, power trim and tilt units. Fits outboards and stern drives with 3/8-16 threaded screws. Fits outboards: Johnson/Evinrude, Mercury/Mariner, Suzuki 25 Hp & larger and Yamaha 8 Hp & larger. MOE-042905 **Order# 753109**

Attention Maine Lobstermen! Tell us your engine type, and we'll stock your filters for you!

Engine	Oil Filter	Order#
Cat 300, 3116	51971	405085
Cat 3126	51349	404455
Cat 3406, 500	51792	404903
Cat 3208, 425 HP, 420, Cat 450 V8	51798	404915
Cummins 210, 230, 250, 260, 305, 315	51607	404715
Cummins 270 Series C, 300, 400	51748	404856
Cummins 355, Ford 135, Ford 120	51515	404617
Cummins 400, 270 Cummins (C series)	51748	404856
Cummins Kenworth 400	51970	405081
Detroit 4:71 Spin-On	51970	405081
Detroit 8.2	51268	404379
Chevy & Detroit Diesel	51061	404189
Detroit 8:71, 8.92, 692 V6	51970	405081

Engine	Oil Filter	Order#
Chevy with Isuzu Diesel	51673	404778
Detroit Diesel	57036	405137
Detroit Series 60	51970	405081
Isuzu 150, 185, 210, 225, 226	51832	404949
Isuzu 240, 255, 275	51745	404853
John Deere135, 220	51243	404359
John Deere 225	57243	405245
John Deere 300, 375	51824	404942
John Deere, Yanmar Diesel	51334	404441
Mitsubishi 165	51674	404779
Volvo 41	51596	404703
Cat 3208, 318 Volvo, 63 Volvo, 71 Volvo, Fiat Engine & Detroit Diesel	51798	404915

MOELLER marine products White Topside Tanks

Durable rotomold white topside tank. E10 Ethanol compliant. Designed for use in Boston Whaler® Montauk® 15' and 17' consoles.
031527 Size - 28"L x 15"W x 14.74"H
031626 Size - 29.25"L x 19"W x 13.58"H

Part#	Capacity	Order#
MOE-31527	18 Gallon	**753102**
MOE-31626	22Gallon	**734052**

Gasoline Cans

Won't rust or corrode. Lightweight with a new pouring spout with exclusive snap closure allows easy access to hard to reach fill point. Handy plastic vent for improved flow control.

Type	Order#
1 Gal	**171874**
2 Gal	**731822**
5 Gal	**169159**

Spout

Replacement spill-proof spout
HM-FGCSPOUT **Order# 731873**

Flexible Spout

For gas, diesel & water cans.
MOE-085045 **Order# 760682**

Kerosene Can

High density polyethylene. Automatic shut off. Spill-proof spout. Blue.

Part	Size	Order#
HM-FKCAN5	5 Gal	**169189**
HTV-786556	2 Gal	**901519**

Diesel Can

High density polyethylene. Spill-proof spout. Automatic shut off. 5 gallon. Yellow.
HM-FDCAN5 **Order# 174043**

MOELLER marine products Water Can

High density unbreakable polyethylene. Reversible self-venting spout. 5 gallon. Light Blue
MOE-082300 **Order# 760718**

SeaDOG LINE Gas Tank Strap

Nylon webbing/steel zinc plated. Includes 4 fasteners for eye straps. 6' strap, 1 wide. Eye straps are 1-15/16" from center to center hole.
SD-359990-1 **Order# 144462**

MOELLER marine products Flo n' Go Duramax

14 gallon tank and a 10' long fuel hose. For gas, diesel or kerosene. Comes complete with Flo'n Go hand pump and pump holder handle. Includes a bolt on hanger for convenient storage, 6" wheels and shut-off valves.
MOE-06792 **Order# 173580**

MOELLER marine products Topside Fuel Tanks

Seamless one-piece construction. Easy to carry and easy to store. A reserve fuel area is designed right into the tank by means of a partitioned bottom. When the gauge registers empty, simply tilt the tank and the reserve fuel supply becomes available. New two-stage CARB approved vent cap. High-density, EPA approved low-perm polyethylene, lightweight, stout handle, non-corrosive, unbreakable and dent resistant. UV stabilized resin.

Part#	Gallons	L x W x H	Order#
MOE-620009LP	9	29.5" x 14" x 9.6"	**743129**
MOE-630013LP	12	24.51" x 17.76" x 10.82"	**738465**
MOE-630012LP	12	22.75" x 14" x 13.95"	**738464**

Portable Fuel Tanks with Gauge

Constructed of the same high strength multi-layer co-extruded HDPE/EVOH material as found in automotive fuel systems. These tanks are certified to EPA and CARB standards. Features an exclusive ratcheting, automatic low-restriction, high-flow fuel cap that ensures proper fuel flow, engine performance in all conditions, exceeds OEM requirements and reduces wear on fuel pumps to improve engine performance. Designed for use in all marine and non-marine small engine applications to provide years of leak-free use. Automatic vacuum valve ensures proper fuel flow and eliminates the need for manual vent.

Part#	Size	Order#
ATT-8803LPG2	3 Gal	**760201**
ATT-8806LPG2	6 Gal	**760199**

MOELLER marine products 6 Gallon Bow Tank

Unique design allows for easy storage in the bow of inflatables and dinghies. EPA approved low-perm polyethylene and two stage vent cap. Lightweight, durable and easy to carry. 16" W and 6.5" W at the rear. 19.5" L x 11.5" H.
MOE-620040LP **Order# 738463**

MOELLER marine products Gas Cap

Moeller two-stage CARB-Approved cap for portable plastic fuel tanks. External threaded replacement gas cap, manually vented at 5 psi.
MOE-305994-10 **Order# 738458**

Low Profile Gas Cap

Manually vented. Used for Model numbers: 031103, 031106, 031109, 031112, 031212, 620003, 620049, 630012, 630013, 630014, 620040, 720040, 730014, and 730025.
MOE-621501-10 **Order# 734560**

Call or go online for more older tank replacement parts

MOELLER marine products Topside Tank Hold Down Kit

Also for battery box. Kit includes two (2) universal nylon straps with quick-release buckle, four (4) stainless steel hold down brackets and mounting screws.
MOE-35711-10 **Order# 177741**

Fuel Demand Valve

Ensures pressurized fuel does not reach the engine, preventing engine flooding and fuel spillage. New EPA portable fuel tanks are required to remain sealed up to a minimum of 5psi. Provides fuel to the engine only when demanded by the engine during start up or engine operation. Installs between the fuel tank and the primer bulb. Made of high-strength composite material. Compatible with Ethanol blended fuels. Compatible with all OEM brand engines. Fits 3/8" and 5/16" fuel hose.
ATT-9300FDV7 **Order# 760252**

MOELLER marine products

	Description	Size	Type	Style	Part#	Order#
A.	Chrysler/Force	1/4" NPT	Male tank connector	chrome plated brass	MOE-33461-10	**740984**
B.		5/16" barb	Engine or tank connector	chrome plated brass	MOE-33464-10	**742488**
C.		3/8" barb	Engine or tank connector	chrome plated brass	MOE-33484-10	**742493**
D.	Honda	1/4" NPT	Tank connector for 1991 and newer	chrome plated brass	MOE-33496-10	**742498**
E.		3/8" barb	Female fuel line engine connector		MOE-33497-10	**742499**
F.		3/8" barb	Female fuel line tank connector for 1991 and newer	chrome plated brass	MOE-33498-10	**173604**
G.		1/4" NPT	Male tank connector; Engine size to 90HP	chrome plated brass	MOE-33501-10	**173605**
H.		3/8" barb	Female fuel line assembly tank connector	chrome plated brass	MOE-33502-10	**173606**
I.	Johnson Evinrude	1/4" NPT	Male tank connector	brass	MOE-33400-10	**740724**
J.		5/16" barb	Female engine or tank connector	clip-style	MOE-33410-10	**742482**
K.		3/8" barb	Female fuel line engine or tank connector	clip-style	MOE-33480-10	**742490**
L.	Mercury	3/8" barb	Female fuel line engine or tank connector	bayonet style, die cast	MOE-33418-10	**742483**
M.		3/8" barb	Male fuel line tank connector	bayonet style, die cast	MOE-33421-10	**742485**
N.		1/4" NPT	Male tank connector, '98 and newer engines	brass	MOE-33477-10	**740727**
O.		3/8" barb	Fuel line tank connector, '98 or newer engine	2-prong clip, plastic	MOE-33486-10	**742494**
P.	Mercury/Yamaha	3/8" barb	Female fuel line engine connector, '98 and up	2-prong clip style	MOE-33482-10	**742492**
Q.	Suzuki	1/4" NPT	Male tank connector	chrome plated brass	MOE-33463-10	**740725**
R.		5/16" barb	Female fuel line engine connector	chrome plated brass	MOE-33467-10	**740983**
S.		3/8" barb	Female fuel line engine connector	chrome plated brass	MOE-33487-10	**742495**
T.		3/8" barb	Female fuel line engine connector	chrome plated brass	MOE-33488-10	**742496**
U.		1/4" NPT	Male tank connector	chrome plated brass	MOE-33503-10	**742500**
V.	Yamaha	1/4" NPT	Male tank connector	brass	MOE-33470-10	**740726**
W.		5/16" barb	Female fuel line engine or tank connector	resin	MOE-33471-10	**742489**
X.		3/8" barb	Female fuel line engine or tank connector	clip-style	MOE-33481-10	**742491**
Y.	Nissan/Tohatsu	1/4" NPT	Male tank connector	chrome plated brass	MOE-33491-10	**740986**
Z.		1/4" NPT	Male tank connector, engine size to 90HP	chrome plated brass	MOE-33450-10	**742486**
AA.		3/8" barb	Fuel line tank connector	chrome plated brass	MOE-33492-10	**742497**
BB.		3/8" barb	Female fuel line tank connector	chrome plated brass	MOE-33451-10	**742487**

3/8" Low Perm Fuel Line Assemblies

Fittings not included on universal assemblies.

Part#	Type	Order#
MOE-34390-10PA	Universal, 3/8" x 80"	**741487**
MOE-34395-10PA	Universal, 5/16" x 7'	**738460**
MOE-34385-10PA	Mercury, clip style, 1998 and newer	**740457**
MOE-34386-10PA	Honda, 1991 and newer	**746751**
MOE-34388-10PA	Mercury, bayonet, cast alum fittings	**740459**
MOE-34391-10PA	Johnson/Evinrude	**740455**
HM-FFPBAYAM	Yamaha	**734321**
MOE-34394-10PA	Yamaha	**740460**
MOE-34690-10LP	Primer Bulb Only 5/16" hose barb	**738637**
MOE-34590-10LP	Primer Bulb Only 3/8" hose barb	**738636**

Snapper Clamps

Heat stabilized, durable black fiberglass filled compound for long life. Positive ratchet closure for dependability, costs far less than conventional metal clamps. Needs no tools for installation and removal.

Part#	Clamp Range	Order#
SIE-18-8200	23/64" -13/32"	**101878**
SIE-18-8201	13/64" -15/32"	**101879**
SIE-18-8202	15/32" -17/32"	**101880**
SIE-18-8020	17/32" -19/32"	**101881**
SIE-18-8021	19/32" -21/32"	**101882**
SIE-18-8034	43/64" -25/32"	**101883**

When seeking parts for your outboard motor, please have as much specific information (engine make/model#) as possible when you call or visit.

Travel Electric Outboards

These motors do everything that a 1.5/3 HP gas outboard can, but they're environmentally friendlier, quieter, lighter and more convenient. Can be easily dismantled for transport and storage. Handling weight of motor alone is just 19.8 lbs. Completely waterproof (IP 67). On-board computer with GPS-based calculation of remaining range. Solar rechargeable – including during the voyage. Clean no matter how or where you store your Travel, there's no risk that it will leak and no gas fumes. Both models are suitable for inflatables and other small boats. For sailboats, we recommend the Travel 503 for boats up to 1,600 lbs. The Travel 1003 easily propels up to 1.5 tons. The Travel 1003 has a higher maximum power and offers over 60% more battery capacity, providing longer range.

Part#	Model#	Shaft	Engine	Weight	Battery	Order#
TOR-1140	503	23"	2 HP	28	320 Wh Li-Ion	**746836**
TOR-1141	503	28"	2 HP	29.3	320 Wh Li-Ion	**746835**
TOR-1142	1003	23"	4 HP	29.5	520 Wh Li-Ion	**740393**
TOR-1143	1003	28"	4 HP	30.1	520 Wh Li-Ion	**740394**

Accessories

Part#	Description	Order#
TOR-1147-00	Replacement Battery for 503/1003	**744286**
TOR-1127	Battery Charger	**185232**
TOR-1914	Magnetic Key	**745887**

Tohatsu Outboards

Lightweight and compact without compromising reliability or top-quality performance. These fuel efficient 4-strokes are compact, durable and easy to transport. Manufactured to comply with all US EPA and CARB 3-star Ultra-Low emission regulations. All engines are manual start, and have a 15" short shaft.

Part#	Engine	Cylinder	Reverse	Remote Tank	Order#
TOH-MFS2.5BS	2.5 HP	1	No	No	**739181**
TOH-MFS4CDS	4 HP	1	Yes	Optional	**739182**
TOH-MFS6CDS	6 HP	1	Yes	Optional	**739183**
TOH-MFS9.8A3S	9.8 HP	2	Yes	Yes	**739184**
TOH-MFS15CS	15 HP	2	Yes	Yes	**739185**

MFS2.5BS MFS9.8A3S MFS15CS

Accessories

Part#	Description	Order#
STA-28232	10W-40 4-Stroke Outboard Oil (Qt)	**739338**
TOH-332823080M	10W-40 Tohatsu 4-Stroke Outboard Oil (Qt)	**762279**
TOH-3B2702810M	5/16" Female Fuel Tank Connector	**746170**
TOH-9999800MA2	5/16" Male Fuel Tank Connector	**746169**
TOH-3GR702500M	5/16" Female Fuel EngineConnector	**746168**
TOH-99998PBA4M	8' 3/8" Tohatsu Fuel Line Assembly 4-30 HP	**740720** N
HM-FFPBAT	3/8" Tohatsu Fuel Line Assembly	**739259**

Aluminum Auxiliary Bracket for 4-Stroke Motors

Raise and lower trolling and auxiliary motors on power and sailboats with ease. Extra wide 11-1/2" Black Poly Mounting Board for new, wider style motor locking clamps. Accommodates long or short shaft motors. Includes motor safety cable. 5 vertical running position lock bar. Ergonomically designed twist lock safety knobs secure bracket in place and soft hypalon grip handle accepts most style outboard motor locks. Heavy-duty stainless steel torsion springs. Weatherable and maintenance free. H.P. Rating: Over 7-1/2 to 30. Motor weight up to 169 lbs. Vertical Travel*: 9-1/2" Poly Mounting Board Dimensions:11-1/2"W x 10-3/4"H x 2"T.
GAR-71090 **Order# 149127**

** vertical travel is based on transom angle being perpendivular to the water*

NaviSafe Portable Navigation Lights

New!

These lights feature super bright LEDs, are battery operated, water proof, and float, plus attach almost anywhere! These lights are suitable for paddling, rowing, sailing or motoring, on a lake, river or off shore and provide a range of portable navigation for vessels of up to 50 m / 164 ft. USCG Approved, up to 2 NM.

Navlights

come with a magnetic base.

Part#	Description	Search#
NVS-001	White Navlight	**761193**
NVS-305	TriColor Navlight	**761194**
NVS-110	Spare Magnet Mount	**760919**
NVS-910	Bendable Suction Mount	**760918**
NVS-950	Navimount Vertical Mount	**762520**
NVS-952	Navimount Horizontal Mount	**762521**
NVS-954	Navimount RIB Mount	**761195**
NVS-960	Converter Mount	**761196**
NVS-767	Dinghy Complete Kit	**761197**

Dinghy Complete Kit Includes:

Navilight 360° 2NM, 4-piece-pole, Navimount vertical, Navilight Tricolor 2NM with Navimount base, Navimount RIB with self-adhesive sticker and Stowaway box.

Puffin Dinghies

Fiberglass Dinghies *Maine Design! Maine Built!*

Hull ~ Handlaid fiberglass with integrated keelson for added strength
Trim ~ Combination rigid and flexible PVC gunwhales
Flotation ~ Fiberglassed flotation in bow and stern
Finish ~ White gelcoat exterior ~ tan interior ~ bronze oarlock sockets and bow eye. Center thwart and motor pad of native oak.

Perko brand oarlocks recommended for a proper fit.

Part#	Order#	Style	LOA	Beam	Weight	Motor	Capacities
WBC-PUFFIN-11	**135943**	White	7'6"	48"	72 lbs	2HP	2 persons or 325 lbs. (372 lbs. persons, motors, gear)
WBC-PUFFIN-12	**135946**	White	8'6"	49"	78 lbs	2HP	3 persons or 357 lbs. (425 lbs. persons, motors, gear)
WBC-PUFFIN-13	**135949**	White	10'6"	52"	125 lbs	2HP	4 persons or 536 lbs. (623 lbs. persons, motors, gear)
WBC-PUFFIN-13BA	**764429**	White w/Black Anchors	10'6"	52"	125 lbs	2HP	4 persons or 536 lbs. (623 lbs. persons, motors, gear)

Sailing Models

Sailing models include mahogany dagger board and rudder. Two piece aluminum mast and 39 or 50 square feet of dacron sail.

Part#	Order#	LOA	Beam	Weight	Motor	Capacities
WBC-PUFFIN-14	**135951** N	8'6"	49"	80lbs	2HP	3 persons or 357 lbs. (425 lbs. persons, motors, gear)
WBC-PUFFIN-15	**135952** N	10'6"	52"	130lbs	2HP	4 persons or 536 lbs. (623 lbs. persons, motors, gear)

Crate for Shipping Puffin Dinghies

Puffin dinghies can now be crated for shipping! This charge is in addition to freight charges. Call for shipping quote.
WBC-CRATE **Order# 729325**

Rowing Kit for 8' and 10' Walker Bay Dinghies

Includes oars, oarlocks and collars.
WBB-3002030170 **Order# 744082**

Walker Bay 8' Lapstrake Dinghy

The strong, one-piece hull (with urethane skid-keel) is made from impact-resistant polypropylene (the same material some car bumpers are made from). Includes 3 seats (meets USCG flotation) and stainless steel bow eye. Oars, oarlocks and collars sold separately as a kit. White with gray seats. Weighs 71 lbs. 8'3" L x 4'4"W x 16"D. Capacity: 425 lbs. WBB-8WG **Order# 171775**

Walker Bay RID Kits

These RID add-on kits offer increased stability and an additional horsepower rating. Constructed of Decitex PVC. 3-layer reinforced seams, 4 easy-grip handles, stainless steel davit lifting eyes and deluxe rub rail.

Part#	LOA	Beam	Inside Beam	Weight	Order#
WBB-RID275R	9'	5'8"	4'11"	89 lbs	**162878**
WBB-RID310R	10'2"	6'	4'5"	149 lbs	**162854**

Walker Bay 10' Dinghy

Drain-thru slots keep your feet dry while the flat non-skid surface ensures secure footing. The "wheel-in-the-keel" makes it easy for one person to handle it on land. Includes reinforced gunwales and S/S bow eye. Oars, oarlocks and collars sold separately as a kit. Reinforced motor/rudder mounting plates, three positive flotation seats with cup holders. 9' 8" in length. Capacity is 449 lbs., or three persons. Takes up to a 3 hp motor. White with gray seats. Weighs 126 lbs. USCG approved. 9'8" L x 4'9"W x 24" D. Capacity: 449 lbs. WBB-10FWGH **Order# 168013**

Performance Sail Kits

Designed to be rigged and on the water in just minutes. Comes complete with all lines, hardware and quality components required to harness the wind!

Part#	Size	Order#
WBB-99107	8'	**135931**
WBB-99108	10'	**146757**

Heavy Duty Foot Pump

Particularly suitable for synthetic or rubber coated fabric boats. Glassfibre charged polyamide plates. Reinforced fabric coated bellows. All metal parts stainless steel. Reinforced hose. Universal adaptor. PTO-58091 **Order# 131281**

Hand Bailer

Unbreakable, floating polyethylene. For emptying water from a dinghy or small tender. Provides inexpensive back up help should your bilge pump fail. Holds 32 oz.
PTO-16207 **Order# 138381**

Inflatables

Sport Series

Lightwight, inflatable tenders. The Sport Series can be used to move from boat to shore or a leisurely cruise around a cove. All Sport Series boats consist of 3 Layer Korean Kroygen PVC.

CE Certified. Available in plywood, aluminum and air floors, reinforced deep v bottom, rounded rear pontoons for rapid planing and stability, wrap around tough raised rubbing strake, built in oarlocks for easy rowing, stainless steel tow ring, deluxe 2 piece aluminum oars, lifting handle, self bailing drain, repair kit, air pump and storage bag.

Part#	Floor	Overall Length	Beam	Interior Length	Interior Beam	Tube Dia.	Max. Persons	Max. Engine	Air Chambers	Capacity	Weight	Shaft Length	Order#
HMI-IB230SL	Slatted*	7'6"	51.5"	62"	23"	14"	2	4	3	772 lbs	82 lbs	15"	**743499**
HMI-IB270AL	Alum.	8'8"	60"	64"	27"	16.5"	3	7.5 hp	3	1067 lbs	108 lbs	15"	**743497**
HMI-IB270AD	Air	8'8"	60"	64"	27"	16.5"	3	7.5 hp	3	1067 lbs	108 lbs	15"	**743500**

*Slatted floor model has flat bottom

Repair Kit HMI-IRK **Order# 743573**

Aluminum RIB

Great for Maine's rocky coast • Beachable • Lighter than fiberglass

Length: 9'8". Beam: 62". Approx Weight: 112lbs. Max Person Capacity: 4. Max Weight Capacity: 1,124 lbs. Tube Diameter: 17". Shaft Length: 15". Maximum HP: 15 hp. Air Chambers: 3. Hull Thickness: 3.3 mm.

5 Year Warranty on fabric and hull. 1100 denier PVC. Halkey Roberts valves. Pressure relief valves. Welded-in lifting eyes (3 point system). Powder coated aluminum hull. Flat wash deck. 2-piece aluminum oars. High pressure foot pump.
HMI-ALA300 **Order# 760761**

Inflatable Boat Oars

2-Piece anodized aluminum oars, 60" long. Gray or black.
HMI-OAR **Order# 750932**

3" Peel & Stick Decals

Please order Peel & Stick Letters/Numbers by part number

To order insert letter/number here
(example: LET-3B-W is the part number for a 3" black letter W)

3" Black = LET-3B-
3" White = LET-3W-

Hard Plastic Letters

Black with White Bevel

Size	A	B	C	D	E	F	G	H	I	J	K	L
3"	103089	103090	103091	103093	103095	103096	103097	103098	103099	103100	103101	103102
5"	103139	103140	103141	103143	103145	103146	103147	103148	103149	103150	103151	103152

Size	M	N	O	P	Q	R	S	T	U	V	W	X
3"	103103	103104	103105	103106	103108	103109	103110	103111	103112	103113	103114	103115
5"	103153	103154	103155	103156	103158	103159	103160	103161	103162	103163	103164	103165

Size	Y	Z	0	1	2	3	4	5	6	7	8	9
3"	103116	103117	103079	103080	103081	103082	103083	103084	103085	103086	103087	103088
5"	103166	103167	103129	103130	103131	103132	103133	103134	103135	103136	103137	103138

Stencil Kits

Reusable, heavy duty water-resistant stencil board. Includes all numbers (0-9) and letters (A-Z); period, dash, comma, ¢, &, $ and extra A, E, O, R and S.

Size	Order#
1"	**163540**
2"	**163541**
3"	**163542**
4"	**163539**
5"	**163543**
6"	**163544**

Letter and Number Stencil Kit for Inflatables

Use these kits to apply 3" registration numbers, a name, or a custom message to your inflatable boat or dinghy. Includes letter and number stencils, brush and specially formulated topside paint.

Black	Blue	White
119683	**119684**	**119685**

Registration Plates

All-weather, ABS plastic plates. Registration numbers can be painted onto the plates or affixed with vinyl letters. Made specifically to resist the elements and will not crack or yellow. Sold in pairs. Attaches to hull with screws or to inflatable boats with handlines. 4" x 24". BER-600RW
Order# 103168

Water-Based Inflatable Bottom Paint

AQUAGARD

This envi-ro-friendly ablative bottom paint inhibits and repels barnacles and other marine growth. Superior adhesion, no primer required. The flexible coating will not crack even when the boat is deflated and rolled. Use on hypalon, PVC or vinyl boats. Light Gray. Quart.
FXB-90007QT **Order# 733526**

Inflatable Antifouling Paint

PETTIT

Protects against algae, barnacles and all types of marine and fresh water fouling. Waterbased, environmentally responsive (exceeds even the most stringent air pollution regulations). Withstands frequent trailering, beaching and launching. Resistant to cracking, peeling and flaking. Black. Quart.
PET-01841QT **Order# 166861**

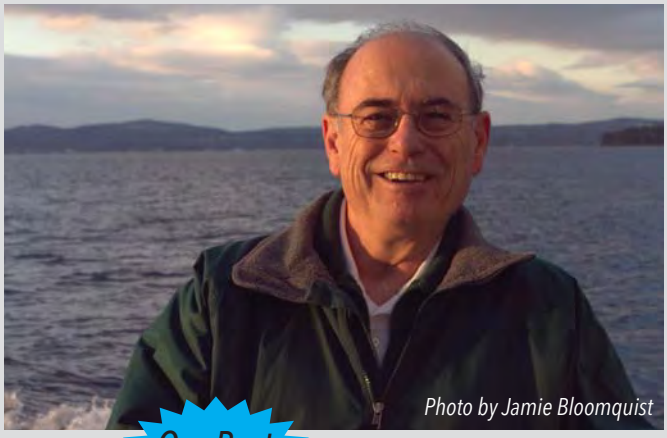


Photo by Jamie Bloomquist

Moose Point Laminated Varnished Spruce Oars

These beautifully crafted, lightweight but strong oars are made from knot-free Eastern Canadian spruce. The shaft is large and round for added strength and the cross grain laminated blade is finely sculpted for maximum efficiency with a sleek good look. The oar is sealed, re-sanded and varnished. This is by far our best ing oar because customers recognize its value immediately: it looks expensive but isn't. We recommend oar leathers to protect the finish. Oars are sold individually.

Use ash oars when drilling for a pinned oarlock horn.

Our Best Seller!

Length	Order#
5'	175572
5.5'	172614
6'	154040
6.5'	154049
7'	154041
7.5'	156016
8'	154042
9' *	175573

"Instead of walking, I row a few miles most mornings in my 10' Puffin. The Moose Point is one of the best-performing, lightweight oars I've ever used." - Wayne Hamilton

** Must be shipped FedEx Saver or Truck*

A general rule of thumb to determine oar length is 1-1/2 times the beam of the boat.

Painted Gray Oars

#2 Finish HM-OPGPO-

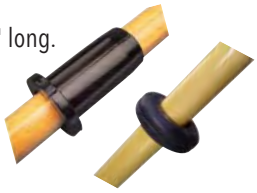
Length	Order#
6'	139837
6.5'	139838
7'	141099

Plastic Oar Stops

Adjustable from 1-3/4" and up. Sold in pairs. 4-1/8" long.
SD-580101 **Order# 130369**

Rubber Oar Stopper

The rubber oar stopper keeps your oar shaft from sliding through the oarlock. 1-5/8" hole.
NRS-1402 **Order# 732543**



Economy Wood Paddle

A low budget, economical wooden boat paddle. Varnish finish.

Length	Order#
4'	739348
4.5'	739349
5'	739350

Select Wood Paddle

6" cross grain, laminate blade with round shaft and square tip. Made from knot-free eastern Canadian Spruce. Very light and strong.

Part#	Length	Order#
HM-OPLE-4	4'	742603
HM-OPLE-4.5	4.5'	742604
HM-OPLE-05	5'	742606

Varnished Solid Ash Oar

Solide ash oar with molded handle.
Sold by the each. Made in Maine.

Part#	Length	Order#
HM-OPASH-5	5'	732625
HM-OPASH-5.5	5.5'	744694
HM-OPASH-6	6'	729227
HM-OPASH-7	7'	729228
HM-OPASH-8	8'	729229

SEASENSE Aluminum Oars

Lightweight and durable. Will not warp. Corrosion resistant aluminum shaft and high impact, cupped, molded blade. Advanced blade design is molded to provide maximum power and minimum slippage for efficiency. 1-1/4" shaft diameter. Recommended for inflatables.

Part#	Size	Order#
HM-OPALSO-60	6'	157169
HM-OPALSO-70	7'	175580

Foam Oar Grip

6" foam, open on both ends. Fits most oars.
NRS-1403 **Order# 737007**

Oar Grips

5-1/2" red power grip makes the perfect accessory to your wooden or synthetic oars.
CAV-PG-SU **Order# 105314**

Kayak Paddle

7' lightweight black aluminum shaft with black molded plastic blades. 2-piece construction and 3 position adjustments. Drip guards and foam rubber grips. HM-OPALKP-75 **Order# 157170**

Telescoping Paddle with Hook

Anodized aluminum for corrosion resistance. High-impact plastic paddle. Telescoping handle with positive non-slip cam locks.

Part#	Length	Order#
DOT-P300	48"-72"	139201
DOT-OP36	31"-45"	139200

Telescoping Mini Paddle

Telescopes from 22"-42". Corrosion resistant aluminum shaft and high impact molded blade and hand grips.
HM-OPALMT-ADJ **Order# 157171**

T-Handle Paddle

The shaft is super-strong, lightweight, silver anodized aluminum that extends fully into the high-impact plastic blade's length for internal reinforcement. Each shaft is partially clad around normal hand position with a full 1/16" wall of plastic for extra comfort and better grip.

Length	Order#
4'	168488
4'6"	175302
5'	175303
5'6"	175304

Ribbed
PKO-1262DPZNC
PKO-1262DPCHR
PKO-828DPPLB
SD-580570-1

Round
PKO-1267DPZNC
PKO-1267DPCHR
PKO-829DP0PLB
SD-580590-1
PKO-829DP1PLB
SD-580591-1
WC-5487-0
WC-5487-1
WC-4472-200

North River
PKO-1227DPCHR
PKO-1227DPZNC
PKO-830DPPLB

With Pin
WC-4471-100

Oarlocks

Available with different horns, metals, and openings. 1/2" shank diameter on all listed. Sold in pairs.
*5/8" shank diameter.

Type	Part#	Metal	Opening ID	Shank	Order#
Ribbed	PKO-1262DPZNC	Zinc	1-3/4"	Straight	**126830**
	PKO-1262DPCHR	Chrome Zinc	1-3/4"	Straight	**126829**
	PKO-828DPPLB	Bronze	2"	Straight	**127223**
	SD-580570-1	Brass	2"	Straight	**747485**
Round	PKO-1267DPZNC	Zinc	2"	Straight	**126833**
	PKO-1267DPCHR	Chrome Zinc	2"	Straight	**126832**
	PKO-829DP0PLB	Bronze	2"	Straight	**127224**
	SD-580590-1	Brass	2"	Straight	**747486**
	PKO-829DP1PLB	Bronze	2-1/4"	Straight	**127225**
	SD-580591-1	Brass	2-1/4"	Straight	**747487**
	WC-5487-0	Galvanized	2"	Straight	**732477**
	WC-5487-1	Galvanized	2-1/4"	Straight	**732476**
	*WC-4472-200	Galvanized	2-1/4"	Straight	**143009**
North River	PKO-1227DPCHR	Chrome Zinc	1-3/4"	Straight	**126815**
	PKO-1227DPZNC	Plain Zinc	1-3/4"	Straight	**126816**
	PKO-830DPPLB	Bronze	2-1/8"	Straight	**127226**
With Pin	*WC-4471-100	Galvanized	2-1/8"	Straight	**147171**

Oarlock Sockets

Top mount
PKO-1185DPCHR
PKO-831DPPLB
PKO-1185DPZNC
SD-580600-1
WC-4473

Side mount
PKO-1187DPZNC
PKO-1187DPCHR
PKO-832DPPLB
SD-580610-1

Edge mount
SD-580620-1
PKO-833DPPLB

Edge mount
PKO-1186DPZNC
PKO-1186DPCHR

Oarlock Sockets

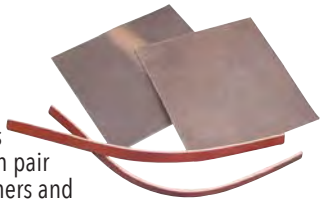
Available with different metals and mounts. Straight shank on all listed. Sold in pairs.

Mount	Part#	Metal	Socket	Screws	#Screws	Order#
Top	PKO-1185DPCHR	Chrome Zinc	1/2"	#10	2	**126777**
	PKO-831DPPLB	Bronze	1/2"	#10	2	**127227**
	PKO-1185DPZNC	Zinc	1/2"	#10	2	**126778**
	SD-580600-1	Brass	1/2"	#10	2	**747488**
	WC-4473	Galvanized	5/8"	#10	2	**141700**
Side	PKO-1187DPZNC	Zinc	1/2"	#10	4	**126782**
	PKO-1187DPCHR	Chrome Zinc	1/2"	#10	4	**126781**
	PKO-832DPPLB	Bronze	1/2"	#10	4	**127228**
	SD-580610-1	Brass	1/2"	#10	4	**747489**
Edge	SD-580620-1	Brass	1/2"	#10	4	**747490**
	PKO-833DPPLB	Bronze	1/2"	#10	4	**127229**
	PKO-1186DPZNC	Zinc	1/2"	#10	4	**126780**
	PKO-1186DPCHR	Chrome Zinc	1/2"	#10	4	**126779**

Oarlock Safety Chains

Plain brass safety chain and toggle. Attach chain to eye at end of horn shank and drop the toggle through the socket hole to provide a foolproof way to prevent loss of oarlock horns.
WC-0435 **Order# 141636**

Oar Leathers and Buttons



7" x 6-1/2". Buttons are 1/2" x 13". Each pair consists of two leathers and two buttons. Sold by the pair.
Order# 126962

Oar Leathers and Buttons

9" L x 6" W. Buttons are 1/2" x 15". Two leathers and two buttons/pair. **Order# 117702**

Use copper tacks to attach oar leathers.
Or may be sewn with wax sail thread.

Copper Tack Kit
Includes 1 oz. of 3/4" and 2 oz. of 1/2" tacks.
HMK-TACKS **Order# 173066**

Pre-Waxed Brown Sail Twine
1 oz of 3/64" **Order# 106200**

Sail Palm

Description	Order#
Right Hand	**101736**
Left Hand	**101737**

Galvanized

Davis Style Oarlocks

Classic, fold-down design. Size #1. Galvanized. Fastener size #10.
Order# 177356

Polished Stainless Steel

Stainless Steel Oarlocks

Classic, fold-down design. # 1 horns, 2" openings. Socket uses #10 screws.
HM-DAVIS-SS
Order# 729663

Satin Bronze

Davis Style Oarlocks

Used primarily on sailboats these oarlocks lift up in the socket then swing down to hang out of the way inside the boat when not in use. Size #0 (2" ID). Satin bronze. Fastener size #8.
HM-DAVIS-0 **Order# 736145**

Bronze Security Oar Holder

4-1/2"H x 5"W

WC-4498
Order# 141714

Caned Canoe Seat

Solid ash, made in Maine. 34" varnished caned seat. Bow or stern. PWS-SEAT
Order# 146751

Contoured Canoe Seat

Lowers center of gravity for more stability. Webbed seat weave, with a clear varnish finish. Bow seat area is 20", stern seat area is 14", and the rails are 34".

Bow Seat	ESI-CT34CB	**Order# 171915**
Stern Seat	ESI-CT34CS	**Order# 171916**

Truss

Seat truss spacer for contoured canoe seat. Hardware not included.
ESI-TRUSS **Order# 172137**

Caned Canoe Seat Back

Solid ash, made in Maine. Varnished, collapsible caned seat backing. Slides over existing seat.

PWS-SEAT-BACK
Order# 127720

Folding Canoe Seat

Assembled with West Systems epoxy and dipped in UV-resistant polyurethane varnish. Caned seat with a clear varnish.

ESI-FCSC
Order# 171914

Canoe Yoke

Solid ash, made in Maine. Varnished. 39".
PWS-YOKE **Order# 127726**

Canoe Thwart

Solid ash. Varnished. 39".
ESI-THWART **Order# 731668**

Ash Motor Mount

Reinforced ash motor mount, clamps to gunwales with easy to use phenolic knobs and stainless hardware. Made exclusively for electric trolling motors.
ESI-AMM **Order# 171912**

Heavy Duty Aluminum Motor Mount

Heavy duty mount with maple clamping block for gas or electric motor. Not recommended for motors over 4 HP. ESI-HAMM **Order# 171913**

Rivets for Gunwales

10 pack. OTC-13151558
Order# 126090

Dowels

For seat bolt spacer.
3-1/4" **Order# 169578**

Spacers

These seat spacers are designed for a standard 10" canoe seat. They are drilled for 10/24" bolt hardware.
ESI-SEAT-SPAER **Order# 172138**
pair

Outboard Bracket Clamps

Aluminum clamps can be used for universal yokes, motor mounts, and rowing rigs.
ESI-CL **Order# 746961**

Beckson

Kayak Hand Pump

1-3/4" dia., 18" long, 8 GPM. Aluminum reinforcing shaft which prevents the pump shaft from flexing in a rolling sea and won't effect a compass. Float-A-Pump sleeve provides positive flotation for pumps dropped overboard.
BEC-318P1/FP3R **Order# 750611**

Canoe Deck

Old Town canoe deck fits regular V-End Discovery and Penobscot boats. OTC-13152531
Order# 126093

The Sun Shower

Hot Water in as little as Three Hours!

Designed for short-term water storage and heating. Use from deck top, tree or truck roof. Mesh bag included for storage. Double welded seams for durability. Reinforced pipe handle.

Part#	Description	Order#
STE-B268	5 Gal. Shower	**170629**
STE-B202	Sunshower Enclosure	**102750**

5 Gallon Solar Shower

Constructed of durable PVC, it comes with a separate fill cap, on/off valve, and a hanging/carrying handle. It's also great for washing off dirty hands and feet. 20" H x 16" W. STS-032315
Order# 147565

Paddler Pad

Designed to fit any canoe or kayak seat, it provides a generous cushion between you and the seat. 3/4" thick foam. Easily portable between multiple boats. Soft, durable foam without adhesive. Contours to fit any canoe or kayak seat. 13.75" x 10".
RCC-330 **Order# 175205**

NRS

Dry Bags

NRS Super Tuff Sack. Great for smaller items, offering quick access to all those daily necessities. The round 30 oz PVC/Dacron bottom stands up for ease in packing and the 18 oz body means greater durability. The fold down waterproof closure snaps back on itself with a side release buckle to create a handy carry handle or to snap around a frame or D-ring. X-long size has a carry handle on the side. NRS-2945

Color	Capacity	Dia. x Height	Order#
Blue	38 liters	11.5" x 24"	**125556**
Green	38 liters	11.5" x 24"	**125557**
Red	38 liters	11.5" x 24"	**125559**
Blue	53 liters	11.5" x 32"	**125574**
Red	53 liters	11.5" x 32"	**125575**

Towing Bridle

Offers more stable and secure towing of inflatables and tenders than single tow line. 3800 lb red nylon webbing absorbs shock. Float prevents bridle from sinking and fouling props. All stainless hardware. **Order# 140309**

Dinghy Painter/Tow Rope

3/8" rope with a heavy duty 4" stainless steel safety hook.

Rope	Color	Floats	Length	Order#
Premium 3-Strand twisted nylon	White	no	10'	**152330**
Premium 3-Strand twisted nylon	White	no	20'	**152334**
Nylon Double Braid	White/Gold	no	10'	**152335**
Nylon Double Braid	White/Gold	no	20'	**152336**
Regatta Lite Single Braid polypro	Teal	yes	10'	**152337**
Regatta Lite Single Braid polypro	Teal	yes	20'	**152338**
Dinghy Tow Rope Double Braid	Yellow	yes	10'	**174649**
Dinghy Tow Rope Double Braid	Yellow	yes	20'	**174650**

Outboard Hoisting Harness

Fits most outboards 2-15 horsepower.
Quickly attaches for safe and simple use. Made of UV resistant materials for those who prefer semi-permanent installation. Glass reinforced nylon buckles. DAV-430 **Order# 107304**

Teak Outboard Mounting Bracket

Fits 7/8" or 1"railings.
WTC-60326 **Order# 101065**

GARELICK EEZ-IN

Aluminum Motor Brackets

Retractable bracket for auxiliary trolling motors on power and sailboats. Transom mount locks & holds motor up or swings down. Tough alloy anodized aluminum, black poly mounting board, 4 position locking height adjustment.

Part#	Max Motor Weight	HP	Order#
GAR-71040	59lbs	Up to 7-1/2	**115241**
GAR-71057	115lbs	7-1/2 - 20	**115242**
GAR-71042	82lbs	Over 7-1/2 - 12	**115243**

Outboard Motor Locks

Material	Order#
Vinyl coated steel	**123192**
Heavy gauge steel	**115031**

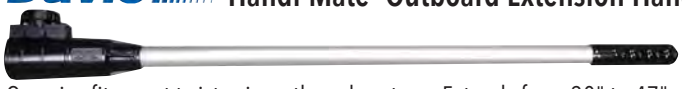
MOELLER marine products

Transom Pad

Rubber pad is oil & weather resistant. Reduces motor vibration noise. Protects transom.
MOE-99074-10 **Order# 173159**

DAVIS

Handi-Mate® Outboard Extension Handle



One size fits most twist-grip outboard motors. Extends from 30" to 47". Lightweight at just 16 oz. Access hole for kill button. Turn-locking knob makes securing and removing easy. DAV-1440 **Order# 119523**

SEASENSE

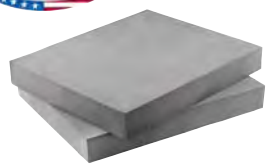
Kayak and Canoe Carrier

Deluxe Canoe Kit
Includes: 4 foam blocks, 2 straps with adjustable buckles, 40' of rope and a convenient storage bag.
UNM-008270 **Order# 729842**

MADE IN THE USA

Foam-That-Fits

This soft, durable, high density gray foam is great for custom fitting. Form to fit any need! 1" thick. 20" x 15". RCC-315
Order# 175280



Hypalon Glue

Hypalon 2-part glue only. In an 8 oz size for gluing rubber pads onto inflatables made from Hypalon material. WVR-GLUE **Order# 137153**

PVC Glue

Polyurethane 2 part glue in an 8 oz size for gluing rubber pads onto inflatables made from PVC material.
WVR-GLUE-PVC **Order# 155326**

PVC Glue Kit

This kit contains 8 oz of Polyurethane glue, cleaner for the boat, 2 mixing containers, 2 brushes and instructions.
WVR-GLUKTPVC **Order# 137154**

Liquid Rubber for Re-skinning Inflatable Boats

Pure EDPM rubber in liquid form that cures to form a seamless, leak-proof membrane. Use to reinforce those heavy wear spots before they wear through, or even put a new bottom on your boat. A quart will renew the bottom of a 10' boat with a coating 5-7 mils thick. Quart.

Part#	Color	Order#
IMU-LRKQ-WH	White	**145308**
IMU-LRKGY1	Gray	**729006**

Sealant for Inflatable Boats

This sealant is specially formulated to flow faster than water, which makes it very easy to use. Once it's sealed, no more slow leaks and pumping up the boat every few days.
IMU-SKI **Order# 119686**

Inflatable Boat Repair Kit

Repair nylon/hypalon/neoprene with this tough bonding formula. Kit includes cleaning solvent and 6"x12" heavy reinforcing fabric. Preserves buoyancy and resists cuts, cracks and impact. Not recommended for PVC repairs.
FIB-618 **Order# 146509**

Pedestal Bushing

Prevents abrasion between pedestals and mounting hardware. Slides over the top of a 2-7/8" outside diameter pedestal. TOD-9994-72 **Order# 134880**

Swing Aside Seat Pedestal

Anodized aluminum pedestal accepts any 2-7/8" seat mount. S/S mounting brackets with nylon bushings for smooth swivel action. Swing radius: 24-1/2". Total height: 34-1/2". HM-SB **Order# 145694**

Adjustable Height Ribbed Lock Pedestal

Provides solid base of support for a variety of seat hardware. Accepts Garelick fore and aft seat slides and 360° swivel spider combinations. 2-7/8" diameter smooth stanchion tube, 9.25" diameter 6 hole base plate. 18-23" Adjustable. Compatible with Garelick hardware.
GAR-75528 **Order# 172690**

Fixed Height Smooth Seat Base with Spider

Provides a solid base of support for a variety of seat hardware. Mounts any seat securely. 4 prong spider swivels 360° and locks positively. 2-7/8" diameter smooth stanchion tube. 9-1/4" diameter six hole base plate. Polished anodized finish for protecting against saltwater corrosion and weathering.

Part#	Description	Order#
GAR-75033	24" Seat Base w/Spider	**737647**
GAR-75034	30" Seat Base w/Spider	**115269**
GAR-99023	Smooth Top Only	**157103**

Swivel Stanchion Foot Rest

Eliminates dangling feet – Adds comfort at helm. Aluminum casting fits 2 7/8"(7cm) dia. stanchion. Traction grooved stepping surface. Fits all Garelick EEz-In seat bases. 14" Wide x 11.3" (28cm) Deep.
GAR-75004 **Order# 115258**

360° Swivel Seat Mount Top

Low profile design allows 360° of rotation. Rotation is regulated by dual locking devices - lift the positive lock lever to rotate. Locks in place in 10° increments. Secondary twist control offers variable drag adjustment and can be tightened down to lock in place. Internal Delrin Bearing Cup provides smooth, gaul-free operation. Powder Coated finish.
GAR-99026 **Order# 166340**

Bluewater Adjustable Height Ribbed Pedestals

Pin secures base at specific height in 1" increments. Stainless steel lock pin locates securing hole easily. Anodized protective finish helps prevent saltwater corrosion and weathering. 2 7/8" dia. ribbed stanchion tube, 9.25" dia. 6 hole base plate.

Part#	Height	Order#
GAR-75635	12" - 17"	**765580** N
GAR-75628	18" - 23"	**765581** N

Fixed Height Ribbed Pedestals

Provides solid base of support for a variety of seat hardware. 2.875"dia. ribbed stanchion tube, 9.2" dia. 6 hole base plate.

Part#	Height	Order#
GAR-75515	15"	**740462** N
GAR-75534	30"	**172693** N

Boat Seat Swivel

Free rotation 360°- fits most standard seat hole patterns of 6" x 6". Self-lubricated, non-corrosive poly swivel bearings. E-coated steel to resist corrosion.
GAR-75016 **Order# 115262**

Adjustable Seat Swivel Clamp

Accepts standard boat seats, fits tank or bench tops. Durable all-metal construction. Quick mounting and dismounting, includes 360° free swivel. Vinyl covered clamps. Width adjusts from 8"-18".
GAR-75007 **Order# 115259**

Pompanette *New!*

Decorus Plus Helmseat

The Decorus was designed to provide boaters with a seat that combines classic and modern style. Teak accents give it a timeless look that will enhance the appearance of any cockpit, while the comfortable naugahyde upholstery is UV resistant and durable for easy maintenance.

Pedestal sold separately
BOM-DECORUS+
Order# 760740

Pedestal

Powder coated aluminum hi-lo pedestal and footrest assembly. BOM-HI-LO
Order# 760746 N

Pompanette *New!*

Signature Helmseat with Bolster

Durable naugahyde upholstery with headrest. Powder coated aluminum hardware. Includes aluminum hi-lo pedestal and footrest assembly. Available options include 24" and 28" seat width, and 47" bench seat. Decorative upholstered piping. Naugahyde, Dura-Touch or custom fabrics. Custom colored powder coating. Telescopic or fixed pedestal heights. Power coated aluminum or stainless steel pedestal/footrest. Heated seat. Drink holders. Seat belts. High back backrest. Seat back chart holder. Decroative teak ladder backrest. Cover. Electric Hi-Low/ Fore-Aft/360-degree rotation. Multi-position footrests (stainless steel only.)
BOM-SIGNATURE-WB
Order# 760741 N

Pedestal Included

Pompanette *New!*

Platinum Helmseat

Durable naugahyde upholstery and powder coated aluminum hardware. Includes aluminum hi-lo pedestal and footrest assembly. A wide range of options available. Options include 24" and 28" seat width, and 47" bench seat. Decorative upholstered piping. Naugahyde, Dura-Touch or custom fabrics. Custom colored powder coating. Telescopic or fixed pedestal heights. Power coated aluminum or stainless steel pedestal/footrest. Heated seat. Drink holders. Seat belts. High back backrest. Seat back chart holder. Decroative teak ladder backrest. Cover. Electric Hi-Low/ Fore-Aft/360-degree rotation. Multi-position footrests (stainless steel only.)
BOM-PLATINUM-S
Order# 760745 N

Pedestal Included

Lounge Seat

Constructed of durable, treated plywood with aluminum hinges. Polyurethane foam padding is covered with rugged marine grade blue vinyl upholstery which is mildew resistant and UV-treated to withstand fading. All vinyl covers are sewn with Dacron thread and upholstered with rust-resistant staples. Seat Height: 25.5", Width:18", Open Length: 66", Base Length 38", Base Height: 8". Blue.
WIS-WD521P1718 **Order# 166326**

Folding Boat Seat

Plastic-frame seat features state-of-the-art high-impact plastic frame, compression foam padding, heavy duty 28 oz. marine grade vinyl, mildrew resistant and UV treated. 5.25" hole pattern. Mounting screws included. Seat height: 19", Width: 16", Depth: 18.5". Aluminum hinges. White.
WIS-WD734PLS10 **Order# 740251**

Livewell Cooler with Seat Cushions

Permanent mount swing back seats. Flat panel aluminum supports slide fore/aft and have advantages over other side pole configurations as rope and fishing line will not latch on. Double-wall foam insulation base. Easy installation with molded mounting plates. 72 quart capacity. 37"W x 18.5"D x 34.5"H
MOE-ST2200-P **Order# 173160**

Swingback Livewell Cooler with Seat Cushions

Features compression foam padding, stainless steel hardware and heavy-duty 28 oz UV treated marine grade vinyl that resists mildew. 15.5 gallon capacity. Flip-flop cushion seats with stainless steel arms. 32"W, 18"D, 35"H.
WIS-WD437SS784 **Order# 758929**

Eez-In Folding Deck Code Flag Chair

Lightweight, sturdy and very comfortable. One piece canvas back with 24" high frame, 1" thick foam padded back and thigh support for added lumbar comfort. Double leg and front cross bar frame for stability. Folds flat for easy stowage. Beautifully sewn olefin woven fabric, with embroidered code flag design and contrasting accent trim. 1" diameter, corrosive resistant folding anodized aluminum tube frame, poly tips and varnished hardwood arms.
GAR-35029 **Order# 738986**

Pilot Chair

For houseboats, pontoons and cruisers. Molded seamless white vinyl cushions keep seat comfortable and dry. Firm resilient foam, padded armrests. Polished frame. 24"W x 19"D x 17.5"H.
GAR-480031 **Order# 148281**

Helmsman Chair

Good looks, roomy, comfortable shape and armrests. 15" fixed pedestal.
OD: 17.75"D x 21.75"W x 18.5"H
ID: 17"D x 17.5"W x 16"H

TOD-7500
Order# 134843

Helmsman Chair

Complete with snap on/off cushion seat, polyethylene mounting plate and 360° nylon spider. 15" fixed pedestal.
OD: 17"D x 20.5"W x 18.5"H.
ID: 14"D x 16"W x 15.5"H

TOD-780015
Order# 134844

Pro Series Helmseat

Contoured seat and curved back, designed for comfort and functionality. The back, seat, and arm pads are injection molded, UV stabilized polypropylene. Back and arm supports are made from highly polished anodized aluminum and the cushions, are durable, marine grade vinyl, can easily be removed when the boat is not in use. 16.91"W x 18.95"H x 24.11"D.
BOM-THV-2004H **Order# 166775** N

15" Fixed Pedestal
TOD-5315 **Order# 134830**

Folding Deck Chair

High density foam cushions. High impact plastic frame. Heavy duty 28 oz. marine-grade vinyl. UV treated to resist fading and mildew. Thick wall, bright dipped anodized aluminum frame. 8 Legs for added strength. Stainless steel hardware. 30"H X 26"W X 24" D. WIS-WD120AB710 **Order# 171600**

Chair Tips

No-marking chair tips are great for use on deck chairs, boarding ladders, boat hooks, etc.

Part#	Description	Order#
TAY-96024	7/8", 4-pack	**732722**
GAR-76010	1", 4-pack	**732673**
GAR-76012	1", Double chair legs, 2-pack	**156074**

SEA-DOG LINE
SD-582501-1

PLASTIMO
PTO-54784

DOT LINE
DOT-P3W

DOT LINE
DOT-P4W

DOT LINE
DOT-PDM3A

DOT LINE
DOT-FDM4A

SEA-DOG LINE
SD-328213
With gudgeon mount & grip handle

GARELICK EEI
GAR-18017
Transom mount

Boat Ladders

These ladders are made from the finest, most durable materials available. Support legs and brackets included with most ladders.

Part#	Description	Hook	Width	Height	Order#
SD-582501-1	5-Step Folding	–	11-3/4"	5' rope	**730286**
PTO-54784	5-Step Folding	–	7.6"	63.2"	**175351**
DOT-P3W	3-Step Standard	11"	15"	36"	**139194**
DOT-P4W	4-Step Standard	11"	15"	47"	**139193**
DOT-PDM3A	3-Step Deck Mount	–	15"	37"	**139195**
DOT-FDM4A	4-Step Deck Mnt. Folding	–	15"	26" up/46" down	**139196**
SD-328213	3-Step Telescoping	–	8-3/4"	34-3/8"	**168985**
GAR-18017	2-Step Transom Folding	-	12.5"	22.5"	**758834**

SEA-DOG LINE

Folding Step

Sand cast brass, chrome-plated. Folds up when not in use. Base size is 4-5/16" x 1-13/16". Step size is 3-1/4" x 2". Use #12 flat head fasteners. SD-322620
Order# 142724

EDSON

One-Step™ Boarding Step

Cast in aluminum and coated with durable, glossy white baked-on urethane coating. Designed to hang against the side of your boat. Neoprene bumpers and built-in handles.
With Line EDS-520-14
Order# 109829

DOT LINE

Ladder Mounting Brackets

Stainless steel. Set of 2.
DOT-SMB2
Order# 139202

PERKO

Boarding Step

MADE IN THE USA

Chrome. Two hand hold. For use on transoms and flying bridges. Provides safety wherever steps are needed. 11" x 4-1/2".
PKO-501000CHR **Order# 127124**

DAVIS

Swim Stirrup®

Carefully engineered to provide safe, easy access to small boats for swimmers or water skiers. Durable, reliable design attaches to gunwales, transoms, or open bows. It even floats! Adjustable length to fit your boat. Hardware & instructions included. DAV-1466 **Order# 739727**

StepSafe™ Dock Steps

Taylor Made

Molded in durable U.V. resistant polyethylene. On the top of each step, Taylor Made Products own StepSafe™ non-slip pad is adhered for additional slip protection while boarding. 1-1/2" wide flange provides adequate mounting surface for docks. Cleans easily with soap and water.
Single Step: 22"L x 18"W x 11.5"H
Double Step: 26.75"L x 23.5"W x 17"H

Desc	Order#
Single Step	**169123**
Double Step	**169124**

PERKO

Folding Step

Chrome plated bronze.
4-1/8" x 2-1/4".
PKO-344DPCHR
Order# 127027

MADE IN THE USA

SEA-DOG LINE

Swim Platform Kit w/Ladder

Injection molded nylon & 304 stainless steel. Includes assembly hardware. Does not include hardware for attaching the platform to the boat.
SD-328903-3 **Order# 752388**

optronics

SUBMERSIBLE Trailer Light Set

For all size trailers Includes 2 Stud-Mount Tail Lights with Red Side Marker and Hardware.
OPT-TL-60RK **Order# 733645**

Waterproof LED Trailer Light Kit

LED optronics

Includes 2 LED stud-mount taillights with red side markers/ reflectors, license bracket, 25 ft. wiring harness and hardware.
OPT-TLL-9RK **Order# 153526**

optronics GloLight™ Universal Combination LED Tail Light Kit

LED

Includes 2 universal stud-mount stop/turn/ tail lights for under 80" applications. All-weather molded plastic housing and durable lens protect against corrosion. Includes mounting hardware. OPT-TLL-190RK
Order# 752889

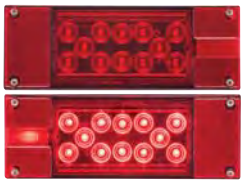
TAIL LIGHT FUNCTION | STOP/TURN SIGNAL FUNCTION

optronics

Waterproof Combination LED Tail Lights

LED

Designed for marine trailer applications, sealed, waterproof construction, universal mount, hard wired, with separate ground wire. OPT-TLL-160RK
Order# 733644



LED Identification Light Bar

optronics

3-piece identification light bar with stainless steel base. OPT-MCL-97RK
Order# 733715

optronics

Waterproof Stud Mount LED Mini Marker/Clearance Light with Reflex

Square 6-diode clearance or side marker light with built-in reflector. Stud mount black base. Amber.
OPT-MCL-36AS **Order# 733716**

LED

Waterproof Surface Mount LED Mini Marker/Clearance Lights

LED optronics

Compact 2.5" 2-diode clearance, amber side marker or identification lights. OPT-MCL-13AS
Order# 733719

LED Clearance Side Lights

LED

6 super bright LED's potted in epoxy, for complete submergibility. Includes stainless steel screws. 3-3/16" x 1-1/16" x 1" wide.

Amber	Red
756561	756562

Limited Quantity!

Wesbar

Submersible Trailer Light Kit

This kit comes complete with two pre-wired tail lights, 25' trailer wiring harness cable with molded four prong plug, 4' four-wire car wiring harness cable with molded 4-way plug plus license plate bracket. WES-2527511 **Order# 732893**

Combination Stop/Turn/Tail Replacement Lights

Right/Passenger side
OPT-ST-4RS **Order# 733721**

Left/Drivers Side, Plus License Illuminator
OPT-ST-5RS **Order# 733723**

optronics

GloLight™ Thinline LED Stop/Turn/Tail Light Kit

LED

Includes 2 sealed, flange surface mount, red LED stop/turn/tail lights. 22 SMD diodes for bright, dependable performance. Features sonically sealed, waterproof lens and housing in a single unit. All-weather molded plastic housing and durable lens protect against corrosion. Includes lamps with grommets & plugs. OPT-TLL-112RK
Order# 752876

STOP/TURN SIGNAL FUNCTION

TAIL LIGHT FUNCTION

optronics

Waterproof Low Profile LED Trailer Light Kit

LED

For all size trailers
Includes 2 LED stud-mount taillights with red side markers/ reflectors, license bracket, 25 ft. wiring harness and hardware.
OPT-TLL-16RK **Order# 153527**

Single Universal-Mount Low Profile Stop/Turn/Tail Replacement Lights

Right/Passenger side
OPT-STL-16RS **Order# 166642**
Left/Drivers Side, Plus License Illuminator
OPT-STL-17RS **Order# 166643**

optronics

Magnet Mount Towing Light Kit

Kit includes two stop/turn/tail lights with magnetic bases, trunk and trailer harness and connectors. 20' 4-way harness with flat 4-way connector. OPT-TL-21RK **Order# 734161**

optronics

5-7 Way Adapter

7-way round to 5-way flat vehicle to trailer adaptors. 16" length.
OPT-A57WH **Order# 732962**

Powerwinch

Model 315 Electric Trailer Winch

Power-in, free-wheel out. Electric winch with adjustable clutch. Switch and 20' lanyard cord. Rugged ABS weather-resistant housing. Positive lock prevents unwanted strap slippage. Color coded 30 amp wiring harness for easy connection to the vehicle's battery. 12 volts. 10"D x 10"W x 8"H. 1 year limited warranty.

Max Load: 4000 lbs
Speed: 15 f.p.m.
Max Pull: 1650 lbs
Gear Ratio: 270:1
Fits: 7/32" x 20' Cable

POW-P77315 **Order# 176748**

Powerwinch

MADE IN THE USA

Model 712 & 912 Electric Trailer Winches

Remote power-in/free-wheel out operation with positive lock when not winding. Easily operated with Tri-Matic Roll-n-Gage control. Efficient gear train system for smoother pulling action, less amperage draw and level wind system to prevent snarls and cable wear. Aircraft quality cable fitted with safety hook and super-tough ABS weather resistant housing. Comes with simple to install wiring harness with 80A circuit breaker. Hooks to any 12v auto or truck battery in minutes. Includes quick mount kit, remote control on-off lanyard, hand crank, owner's manual, cable with safety hook and a pulley block for double line operation. 10"D x 10"W x 8"H. 1 year warranty. Not to be used for lifting or as a hoist.

Model	Boat Size	Max Load (lbs)	Speed (f.p.m)	Max Pull Single	Max Pull Double	Gear Ratio
712	17' - 23'	7500	14	2400 lbs	4300 lbs	225:1
912	23' - 30'	11,500	8	4000 lbs	7500 lbs	450:1

Part#	Model#	Order#
POW-P77712	712	**176749**
POW-P77912	912	**176750**

FULTON F2 Trailer Winches

One-piece aluminum frame features an attractive, completely enclosed design for a sleek and stylish look. Includes 20'W strap with hook. Adjustable length, soft grip handle can be switched for left to right-hand installations. Fits industry standard mounting patterns. Center drive enclosed ratchet system has a pull and turn knob. 2-speed model utilizes a planetary gear system with a self engaging, one-handed system to shift from high to low speed.

	Part#	Max Load	Speed(s)	Order#
1	FUL-FW16000101	1600 lbs	1	**760749**
2	FUL-FW20000101	2000 lbs	1	**760750**
3	FUL-FW32000101	3200 lbs	2	**760751**

Trailer Hitch Safety Cable

Galvanized aircraft cable, 36" long with hooks. Class 2, 3500 lb. Sold as a pair.
TIE-59535 **Order# 176658**

Safety Chains

Zinc plated trailer safety chains are packed in pairs, with S-Hooks. Class 3, 1/4" x 31".
TIE-81203 **Order# 149859**

Cable Keeper

Holds cables in place. Includes (2) bolts, (2) nuts and (2) lockwashers. FUL-5621
Order# 144083

Gunnel Tie-Down Strap

The ratchet acts like a winch to become super tight. Strong nylon webbing, 400 lb. WWL. 1200 lb. break strength. Vinyl coated S hooks. 1" x 13'. HTV-569663 **Order# 901917**

NRS

Padded Strap with Buckle

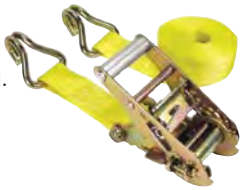
Heavy duty, 1-1/2" strap. High- tenacity polypropylene webbing has UV protective coating and 1500 lbs breaking strength.

Part#	Length	Order#
NRS-1446-12	12'	**142578**
NRS-1446-20	20'	**142579**

Solo Hitch Alignment System

Designed for one person to be able to attach the tow vehicle to the trailer. It features a magnetic base for convenient placement, and adjustable rods with bright yellow foam balls.
FUL-7012900 **Order# 903081**

Heavy Duty Ratchet Tie Down Strap



Polyester webbing with double J-hooks. Buckle-type ratchet. 1-piece handle for increased strength & smooth grip. Double security lock prevents the strap from loosening. 1-3/4" x 15" nylon strap. Max load: 5000 lbs.
HTV-569457 **Order# 901915**

Kwik-Lok® Transom Tie-Downs

The Kwik-Lok buckle tie-downs feature vinyl-coated top hooks, zinc-coated trailer hooks, along with durable polypropylene webbing and a protective web pad. 2400 lb. capacity. Sold per pair.

Part#	Size	Order#
IMI-F13110	2" x 2'	**732257**
IMI-F13111	2" x 4'	**732258**

Kwik-Lok® Pro-Series Transom Tie-Downs

For added safety and security, these tie-downs come standard with Hi-Vis protective PVC pads and Night Eyes reflective closure patch for increased visibility in low light conditions. Zinc-coated steel trailer hooks & vinyl-coated steel top hooks resist cracking & peeling. 2400 lb. capacity. Sold per pair.

Part#	Size	Order#
IMI-F17631	2" x 2'	**732274**
IMI-F17632	2" x 4'	**732260**

FULTON

Hand Crank Trailer Winches

All Fulton winches have a zinc-plated finish for corrosion resistance and a heavy duty rib reinforced frame to maintain proper gear alignment for longer life. High carbon SAE 1050 steel gears resist wear to last longer. Internally lubricated drum bushings and oil impregnated shaft bushings provide permanent lubrication to keep the cranking easy. Winch drums are drilled for use with winch straps.

Part#	Pulling Power	Gear Ratio	Order#
FUL-T9000101	900 lb.	3.1:1	**115046**
FUL-T11000101	1100 lb.	4.1:1	**137796**
FUL-T13000101	1300 lb.	4.1:1	**137797**
FUL-T15000101	1500 lb.	4.1:1	**137798**
FUL-T16020101	1600 lb.	5.1:1	**115040**
FUL-T20050101	2000 lb.	4.1 & 9.8:1	**115042**
FUL-T26050101	2600 lb.	5.1 & 12.2:1	**115044**

Replacement Winch Handles

Part#	Length	Order#
FUL-6302-01	8"	**114998**
FUL-6817	10"	**114999**

FULTON

XLT Single Speed Trailer Winch

Pulls 1400 lbs. Black stylized polypropylene shell with 20' strap and hook.
FUL-XLT1400B **Order# 760739**

2" Winch Strap

20' of 2" strap with an overall tensile strength of 5000#. Heavy duty forged latch hook.
TIE-50470 **Order# 149862**

Winch Cable & Hook

25' of 3/16" galvanized aircraft cable. Corrosion resistant, lock-tight hook. 4,200 lb. load capacity.
FUL-WC3250100 **Order# 115075**

Stainless Steel U-Bolt

304 stainless steel. 1/2"-13 thread x 3" x 3-1/8" x 6". Includes two nuts and washers. Working Load Limit: 2,020 lbs.
SCR-S0276-10X6 **Order# 153380**

U-Bolts

Zinc-plated. Includes 7/16"-14 u-bolt, (2) USS flat washers and (2) Nylon lock nuts. **Not for use with axles or springs**

Width	Length	Order#
2-1/16"	4-5/16"	**741566**
3-1/8"	3"	**139000**
3-1/16"	3-5/16"	**741567**
4-1/8"	3"	**139002**

Pyramid Washers

MADE IN THE USA

Gripping teeth for extra hold.
For use with U-Bolts.
7/16". 8 per pack.
SS-10806A **Order# 131636**

FULTON

1000 lb. Eclipse Jack

Corrosion zinc finish, rugged 6" polyolefin wheel, retaining ring swivel, 3/8" diameter spring-loaded locking pin, a-frame economy with 10" travel. Bolt-on retaining ring swivel bracket assembled and fits up to 3" x 5" trailer tongues. Weight 17 lbs.
FUL-EJ1000101 **Order# 169465**

FULTON

1200 lb. Jack

Deluxe "SWING-AWAY"™ jack with 1200 lb. capacity. Heavy duty swivel mechanism combines ease of operation with superior load carrying capabilities. 1:1 sidewind gear ratio provides fast, easy operation. Heavy duty 2.25" zinc-plated steel tubing provides up to 22.5" of lift and 10" of travel. 6" wheel. Fits trailer tongues up to 3" x 5". Weight 17 lbs. FUL-XP100101 **Order# 138885**

FULTON

1500 lb. Dual-Wheel Jack

Heavy duty swivel jack. Two 6" wide profile wheels provide maximum support. Provides up to 25.1" of lift and 12" of travel. Quick and easy trailer installation. Fits tongues up to 3" x 5". Weight 23 lbs.
FUL-XPD15L0101 **Order# 138883**

FULTON

1600 lb. F2 Extruded Aluminum Alloy Jack

Precision extruded aluminum alloy inner & outer tubes. Anodized aluminum finish keeps the tubes virtually corrosion free. Revolutionary adjustable mount & swivel system. Smooth wheel performance. Soft touch handle. Twin track 7" wheels. Dual wheel. FUL-1413020134 **Order# 176076**

SEASENSE

1000 lb. Zinc Plated Swivel Jack

Features a reinforced wheel fork, zinc plated tube, solid cast gears and a two pin swing-up release for added strength. The handle gear shaft is flat on one side along with the gear itself making a positive connection eliminating the need for a roll pin. (Common weakness on other jacks) Zinc plated mounting hardware included.
UNM-50017541 **Order# 759657**

SEASENSE *Saltwater Series*

1500 lb. Saltwater Series Galvanized Big Wheel Jack

Totally galvanized, inside and out. 1500 lb swing-up trailer jack with large 8" all-terrain wheel for easy travel and durability. Easy to swing out of the way when trailering. Fits on tongues up to 3" x 5" and provides 27" of lift and 14" of travel. All galvanized hardware, resists rust. UNM-50017573 **Order# 166808**

Load Star Tires

- Tires for all types of pull behinds
- Approved for highway use
- Longer wearing
- Better towing stability
- Reduced rolling resistance
- Meets US Department of Transportation requirements

Please note:
There is a $1.00 State disposal fee on all tire sales.

Tire & Rim

Size	Lugs	Ply	Galvanized	Painted
4.80 x 12B	4	4		134653
4.80 x 12B	5	4	125130	125129
4.80 x 8B	4	4	125133	125132
4.80 x 8B	5	4		125134
4.80 x 8C	4	6	171501	171502
4.80 x 8C	5	6	171503	171504
5.30 x 12B	4	4		125136
5.30 x 12B	5	4		125137
5.30 x 12C	4	6		134654
5.30 x 12C	5	6	144150	145855
5.70 x 8B	4	4	125140	134656
5.70 x 8B	5	4		134675
7.80 x 14C	5	6	177139	

Tire Only

Size	Ply	Order#
4.80 x 8B	4	125131
4.80 x 12B	4	125127
5.30 x 12C	6	134655

Rim Only

Size	Lugs	Finish	Order#
12"	4	Galvanized	134657

Plastic Trailer Tire Fenders

Durable polypropylene step fenders, made to fit existing factory fender mounting brackets.

Type	Color	W x L x H	Fits Tire	Order#
Round w/Skirt	Gray	7" x 20-5/8" x 6"	8", 10", 12"	757557
Round	Gray	7" x 20-5/8" x 6"	8", 10", 12"	757555
Step Pad	Gray	8-7/8" x 37-3/8" x 9-1/2"	12"	757558
Step Pad	Black	10" x 40-1/8" x 10-1/4"	13"	757559
Step Pad	Black	11" x 43-1/8" x 12-1/2"	14"	757560

Mounting Bracket for Round Fenders
SS-26065PGA **Order# 757561**

Trailer Hub Kits

All kits include: bearings, seals, dust cap, cotter key, and lug nuts or bolts. Bearings and hub cavity 100% pre-greased. Grease seal and bearings are pre-assembled. *Indicates studded.

Part#	Spindle	Studs	Capacity	Lug Nuts or Bolts	Order#
TIE-81050	1"	4	1250 lbs	Bolts	741562
*TIE-81060	1"	4	1250 lbs	Lug Nuts	741563
*TIE-81080	1"	5	1250 lbs	Lug Nuts	741564
*TIE-81090	1-3/8"-1-1/16"	5	1750 lbs	Lug Nuts	741565

Wheel Bearing Kits

Kits include inner and outer bearings, rear grease seal and cotter pin.

Spindle	Order#
3/4"	741569
1"	741570
1-1/16"	741571
1-1/4"	741572
1-3/8" & 1-1/16"	731765

1"-14 Axle Spindle Nuts

Includes: nut, washer and cotter pin.
TIE-81169 **Order# 741559**

Wheel Nuts & Bolts

Zinc-plated nuts & bolts, 1/2"-20 x 1-5/8". Fits standard wheels. 5/package.

Part#	Type	Order#
SS-11052A	Nuts	131638
TIE-81170	Bolts	741558

Bearing Buddy

Keeps water and dirt out of wheel bearings. Maintains proper lubrication. Makes hubs safely submersible. Easy to install. Automatic pressure control feature limits pressure in hub to 3 psi to protect seals from rupture. Allows no air to be forced in, eliminating corrosion. Lubricant level can be checked by pressing on edge of piston. Stainless steel internal parts and triple chrome-plated barrel.

Part#	Dia.	Order#
UNI-1781	1.781"	135545
UNI-1980	1.98"	135548
UNI-2328	2.328"	135551
UNI-2441	2.441"	135553

Bearing Buddy Bra

Prevents grease from getting on trailer wheels.

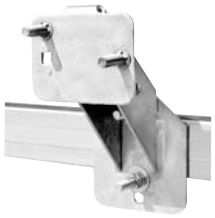
Part#	Fits bearing protector #	Order#
UNI-17B	1781, 1810	135546
UNI-19B	1980, 1938, 1968	135549
UNI-23B	2328, 2441, 2717	135552

Spindo Seal

For use with Bearing Buddy on trailers with brakes or as replacement seals. Lets seal ride on permanently smooth, corrosion-proof surface constantly greased by action of Bearing Buddy. Seals will last longer. Sold by the pair.

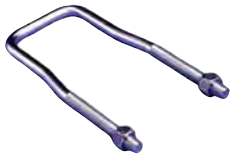
Part#	Dia	Order#
UNI-1	1.98"	135544
UNI-2	2.56"	135550

Side Mount Tire Carrier
Adjustable bolt circle fits both 4 and 5 lug wheels. Fits all trailer tongues up to 3" wide by 4" high. Extra heavy duty welded steel construction. Galvanized. TIE-86098
Order# 749013



Hi-Mount Spare Tire Carrier
Mounts tire up and out from the trailer frame. Hot dip galvanized. Adjustable bolt circle fits both 4 and 5 lug wheels. Fits any trailer tongue up to 3" wide by 4" high. Easy bolt-on installation. Mounting hardware and instructions included. FUL-STC1000101 **Order# 115035**

Economy Spare Tire Carrier
Fits 8", 9", 12", 13", 14" and 15" wheels with 4 or 5 lug rims. 1/2" diameter. Zinc plated. Easy to install. Includes lug nuts. FUL-ETC0101
Order# 115016



Compact Tire Fix-A-Flat Sealer
Used to repair damaged tires while on the road, mending them until the damaged tire can be replaced. Economically sized cone top applicator screws directly onto tire valve. Ideal for 13" & 14" wheels. Inflates tires in under 60 seconds. Non-flammable formula. 12 oz.
HTV-131543 **Order# 134798**

OPTRONICS

Flat 5-Wire Trailer Connector
18" lead wires. Color coordinated to SAE/NMMA standards. Includes all wiring connectors.
OPT-A185TC **Order# 731253**

OPTRONICS

4-Wire Harness
25' wishbone harness w/ 4' trunk connector and hardware.
OPT-A25WH **Order# 166648**

Trailer Connector
18" Wunside trailer connector (4-flat) w/18" ground. WES-7285
Order# 169515

Wesbar

7 to 5-Way Adapter
Fits new and late model pick-up trucks and SUVs.
WES-7250 **Order# 166071**

Trailer Connectors
Brass terminal screws. Polarized to assure proper mating of contacts. Universal.

Part#	Pole	Style	Order#
COL-M-121-BP	2	Round Body	**142636**
COL-M-115-BP	4	Round Body	**106139**

Trailer Connectors
SEA-DOG LINE

3 pole trailer connectors.
SD-426163-1 **Order# 740077**

License Plate Bracket
1/4" mounting holes on 2" centers. High impact polypropylene. WES-3211
Order# 136406

Trailer Hitch Balls
Cold forged. Solid steel, chrome plated.

Ball Size	Thread Size	Max lbs.	Order#
1-7/8"	3/4"-16 x 2-3/8"	2,000	**174230**
2"	3/4"-16 x 2"	3,500	**115003**

FULTON

Adjustable Trailer Hitch Ball
Innovative quick release design with three interchangeable balls. 1-7/8", 2", 2-5/16". 2" shank, max weight 1,000 lbs.
FUL-63803 **Order# 735228**

FULTON

Trailer Fas-Lok Couplers
The most popular coupler latching mechanism ever designed. Hooks up quickly and easily, has heavy duty safety latches, a hole specifically for trailer hitch locks and is simple to repair.

Part#	Load (lbs)	Ball Size	Channel	Order#
FUL-112000201	2,000	1-7/8"	2"	**114984**
FUL-113000201	2,000	1-7/8"	3"	**114986**
FUL-222500201	3,500	2"	2-1/2"	**114990**
FUL-223000101	3,500	2"	3"	**114991**

Handi-Grip Coupler Handle
This handle fits all 1 7/8" and 2" couplers with easy bolt-on installation. Comes with a comfort grip handle for easy use. All metal, has a non-corrosive finish.
FUL-CH0701 **Order# 115011**

Trailer Hitch Lock
Theft proof on or off the car. Solid cast, heat treated for toughness. Will not corrode, rust or clog. Fits all FAS-LOK™ and other standard couplers. FUL-63225
Order# 115018

SEA-DOG LINE

Coupler Lock Pin
Steel electrogalvanized. Pin length: 3". Pin diameter: 5/16" SD-751011-1
Order# 143653

SMITH

Coupler Safety Pin
MADE IN THE USA

Solid zinc plated steel. Pin length 2", pin diameter 1/4".
SS-900-37A **Order# 131681**

Hitch Pins
MADE IN THE USA

Secures hitch in receiver. Zinc plated. Solid steel with hole for spring clip.

Part#	Size	Order#
SS-32500A	5/8"	**138997**
SS-32510A	1/2"	**138998**

Snap Hook
For trailer winches. Zinc plated. Approx. Break Strength: 13000 lbs.
CMC-79241 **Order# 174609**

Boat Roller Guides

These non-marring cushioned rollers help to prevent hull damage and scuffing while guiding the boat into place. The universal mounting system mounts parallel to main trailer frame and fits all trailer frames up to 3" wide and 5" high. Makes boat loading and launching quick and easy.
FUL-BGR200101 **Order# 115007**

PVC Upright Boat Guides

Non-marring, marine grade PVC with galvanized hardware. High-strength super gripper mounting brackets attach firmly above and below the trailer frame. Easy bolt-on mounting fits trailer frames up to 3" x 5" high. Adjustable to fit any hull design. 50" high. FUL-GB1500100 **Order# 115017**

Lighted Post Style Boat Guide-On

Combination amber & red LED light. Red light faces backward, amber light faces forward. 2" PVC tube is notched to prevent twisting. Includes wire, connectors & all mounting hardware for frames up to 3"W x 4.25"H. Does not replace mandated trailer lights. 40" high. Adjusts out to 13" each side. SS-27740
Order# 729567

Pontoon Guide-On

These guide-ons mount on top of rear cross member and fit in between the pontoons to center your boat on the trailer. Mounting hardware included. 1-1/2" square 16 gauge galvanized steel uprights. 2-3/8" diameter white PVC posts. Fit up to 3" W x 4-1/4" H frames. 22" high. Sold in pairs.
SS-27670 **Order# 757549**

Fixed Angle Roller Guides

Mount these 13" rubber rollers on top or beneath the frame for added adjustment. The galvanized guide mount adjust for widths up to 13" on each side and fit frames up to 4". Sold in pairs with hardware included. TIE-86102
Order# 741573

Side Guides

Used on roller guide (SS-27610) or roller bunks (SS-27700). Fits standard brackets and shaft sizes. Black.

Part#	Shaft	Length	Order#
SS-29562	1/2"	2" x 9"	**131674**
SS-29560	1/2"	2-1/2" x 12"	**131673**
SS-29563	1/2"	2-1/2" x 1-7/8"	**131675**

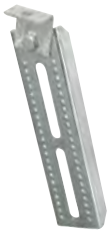
TRAILER GLYDE SLIKS

Super slick surface. For all boats.
Boats under 2000 lbs: Single line of Glyde Sliks, butted end to end on the bunks directly under the boat.
Boats over 2000 lbs: Double line of Glyde Sliks. Includes (6) sliks 24" L x 1-1/2" W x 7/16" Thick.
FEN-TSS-6 **Order# 140858**

Roller Bunks

Heavy duty galvanized steel frame provides full hull support. Roller bunks can be adjusted vertically with optional bolster support swivel brackets. Bunk kits do not include mounting hardware. 5 rollers on each bunk.

Part#	Size	Order#
TIE-86117	4' Long	**741575**
TIE-86118	5' Long	**741576**



Roller Bunk Mounting Bracket

Galvanized bracket with a swivel top provides vertical and tilting adjustment for roller bunks. One pair of bunks requires at least 4 brackets. SS-10003GA **Order# 131613**

Bunk Brackets

Heavy 11 gauge hot dip galvanized steel brackets mount 2" bunks on edge.
TIE-86126 **Order# 149854**

Bunk Carpeting

A high quality, weather-resistant marine carpet that protects your boat from scratches. Durable backing, minimal water retention.

Part#	Size	Order#
WES-8008	8" x 144"	**136422**
TIE-86137	11" x 144"	**741561**
WES-8012	12" x 144"	**136423**

5' Carpeted Bunk Boards

Black marine grade carpet provides a smooth surface for your boat to easily slide on or off. Sold in pairs.
TIE-86129 **Order# 741577**

Steel Roller Shafts

Zinc-plated steel shafts support roller to turn freely. Two cap nuts included with each shaft.

Part#	Length	O.D.	Cap Nut	Roller	Order#
TIE-86025	5-1/4"	1/2"	1/2"	4"	**741551**
TIE-86026	6-1/4"	1/2"	1/2"	5"	**741552**
SS-10705A	12-3/4"	1/2"	1/2"	11"	**131627**
SS-10721A	5-1/4"	5/8"	5/8"	4"	**131628**
TIE-86028	6-1/4"	5/8"	5/8"	5"	**741553**
TIE-86029	9-1/4"	5/8"	5/8"	8"	**741554**
TIE-86030	11-1/8"	5/8"	5/8"	10"	**741555**
TIE-86031	13-1/2"	5/8"	5/8"	12"	**741556**
SS-10730	19"	5/8"	5/8"	To Fit	**131633**

Cap Nuts

Cold-rolled, zinc-plated steel. Attach to the end of steel shaft to retain roller within bracket. 8-Pack.

Part#	Shaft	Order#
SS-10800A	1/2"	**164675**
SS-10801A	5/8"	**164676**

Wobble Roller Retaining Rings & Washers

Zinc-plated steel. Holds wobble rollers in place. 2 rings & washers per pack. SS-10980 **Order# 131637**

Single Wobble Roller Retaining Ring

Zinc-plated steel. For 1-1/8" shaft. Holds wobble rollers in place. One per package. SS-10981 **Order# 751034**

Trailer Rollers

Molded Rubber

Black, Non-Marking Rollers! These durable rollers are replacements for the original equipment of many trailers.

Heavy Duty Yellow PolySlide

Far Longer Lasting Than Regular Rollers!
These heavy duty golden polyurethane rollers will not mark or discolor your boat. They retain their shape and will not develop flat spots, allowing easy launching and loading. Unaffected by oil, gas or salt.

Smooth Tread

Ribbed Tread

"Wobble" Rollers

Designed to wobble back and forth, automatically adjusting to the contours of the boat hull. Used in a wide range of mounting configurations for ease of loading as well as support and protection of different sized boats.

Part#	Color	Type	Shaft	Length	Order#
SS-29530	Black	Ribbed	3/4"	3"	**131666**
SS-29532	Black	Smooth	3/4"	4-3/8"	**131667**
CSI-PR36	Yellow	Ribbed	1"	3"	**106580**

Bow Rollers

Normally used on the trailer winch stand, this roller acts as a bow stop for the boat.

Part#	Color	Shaft	Length	Order#
SS-29540	Black	1/2"	3-3/8"	**131668**
SS-29541	Black	1/2"	3-3/4"	**131669**
CSI-PR3B	Yellow	1/2"	2-5/8"	**106581**
CSI-PR4B	Yellow	1/2"	3-3/4"	**106585**

Deep-V Keel Rollers

Designed especially for the extra weight of heavy boats by properly fitting the curvature of the keel. Friction reducing nylon bushings for easier boat loading and launching.

Part#	Color	Shaft	Length	Order#
SS-29502	Black	5/8"	8"	**131660**
SS-29501	Black	5/8"	10"	**131659**
SS-29500	Black	5/8"	12"	**131658**
SS-29510	Black	5/8"	18"	**131661**

Items below do not have bushings

Part#	Color	Shaft	Length	Order#
CSI-PR4-5	Yellow	1/2"	3-1/2"	**106583**
CSI-PR5-5	Yellow	1/2"	4-1/2"	**106587**
CSI-PR4	Yellow	5/8"	3-3/4"	**106582**
CSI-PR5	Yellow	5/8"	4-1/2"	**106586**
CSI-PR8	Yellow	5/8"	7-1/2"	**106588**
CSI-PR10	Yellow	5/8"	9"	**106578**
CSI-PR12	Yellow	5/8"	11-1/4"	**106579**

Wobble Roller Kits

Polyvinyl rollers are long lasting, will absorb shock, are cut resistant and will not mark or mar your boat. Kit includes 7/8" bushings. 5" kit also includes 1.15" bushings, hog ring and washers.

Size	Color	Roller Type	Order#
4"	Amber	Smooth	**743139**
5"	Amber	Ribbed	**741578**
5"	Black	Ribbed	**743138**

Spool-Type Keel Rollers

Designed especially for lighter boats. Friction reducing bushings for easier boat loading. Black.

Part#	Shaft	Length	Order#
SS-29525	1/2"	4"	**131665**
SS-29524	5/8"	4"	**131664**
SS-29523	1/2"	5"	**131663**
SS-29522	5/8"	5"	**131662**

12" Self Centering Poly Roller

This innovative roller takes the guess work out of centering your boat on the trailer. With embedded grooves to automatically center the boat while the boat rolls forward. Made of resilient, non-marking polymer blend. 5/8" shaft diameter.
UNM-50080992 **Order# 159490**

Adjustable Keel Roller Kit

Adjustable offset bracket and roller mount on tongue for keel support. For trailers or stationary shore boat racks. Includes 3/8" dia. bolts for mounting.

Part#	Tongue	Roller	Order#
SS-32005G	2"	3"	**131679**
SS-32003G	3"	4"	**131678**

Fixed Keel Roller Kit

One-piece complete assembly to mount on tongue or frame for keel support. 3" wide holes.
SS-32100G **Order# 131680**

Panel Brackets

Specifically designed to support keel rollers. Slots accept 7/16" or 1/2" diameter bolts and provide vertical roller adjustment while holding bracket and roller securely in place. For 1/2" or 5/8" diameter roller shafts.

Part#	Roller Size	Order#
TIE-86150	4"	**741542**
TIE-86151	5"	**741543**
TIE-86152	8"	**741544**
TIE-86155	10"	**741545**
TIE-86153	12"	**741546**

Split Panel Bracket

Made to accommodate any size roller length. Slot allows vertical adjustment for stabilizing boat on trailer. Slots accept 7/16" or 1/2" bolts. For 1/2" or 5/8" roller shaft. Sold by the pair.

TIE-81235 **Order# 741550**

Panel Bracket Assemblies

Strong hot-dipped galvanized brackets hold non-marking, shock absorbing rollers. Gives proper keel support. 17/32" x 5" slot for vertical adjustment. Includes roller, roller shaft, panel bracket and cap nuts. Pre-assembled. Attach with 1/2" or 7/16" bolts. Yellow is a thermal plastic rubber.

Type	Roller	Black	Yellow
Spool	4"	**131620**	–
V-Keel	5"	**131621**	**741547**
V-Keel	8"	**131622**	**741548**
V-Keel	12"	**131623**	**741549**

"Y" Stop Bow Guards

Attached to the winch stand, these bow guards act as a stop to protect the boat's bow. Black.

SS-29550

SS-29551

SS-29552

Part#	Length	Hole Dia	Order#
SS-29552	2" x 2"	3/8"	**131672**
SS-29551	3" x 3"	1/2"	**131671**
SS-29550	4" x 4"	1/2"	**131670**

800-639-2715

Teak Soap Dish

Includes clear plastic insert.
1-9/16"H x 4-3/4"W x 3-1/4"D. WTC-62314
Order# 101121

Teak Toilet Tissue Rack

Spring loaded bar.
1-7/8"H x 5-1/2"W x 3-3/4"D. WTC-62322
Order# 152871

Teak Liquid Soap Holder

Holds up to 10.5 oz. size of oval bottle liquid soap. 3-3/4"W x 2-3/4"D x 4-3/8"H.
WTC-62316 **Order# 101122**

Teak Toothbrush and Cup Holder

Holds 1 cup and 4 standard toothbrushes.
4-3/4"W x 3-1/4"D
WTC-62312 **Order# 101120**

Teak Paper Towel Holder

Wall mount. 1-7/8"H x 12-1/4"W x 4-3/8"D. Spring loaded bar.
WTC-62442
Order# 101133

Teak Towel Ring

6"W x 9.5"L x 2"D.
WTC-62338 **Order# 101126**

Teak Folding Drinkholder

Size 3-3/4" x 4-1/2" x 1-1/2"
WTC-62601 **Order# 101141**

Small Teak Spice Rack

Size: 14" x 2-3/4" x 3-3/4".
WTC-62436
Order# 101131

Large Teak Spice Rack

Size: 23-1/2" x 2-3/4" x 3-3/4"
WTC-62438
Order# 101132

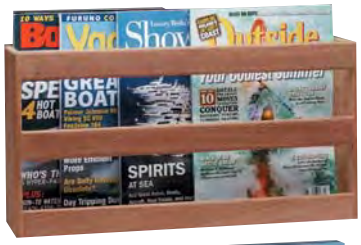
WHITECAP

Teak Book Rack

Size 15" x 7-1/4" x 7-1/4"
WTC-62512 **Order# 101138**

Double Wide Teak Magazine Rack

Size 9-1/2" x 18-15/16" x 4-1/8". WTC-62508
Order# 101137



Teak Grate Front Magazine Rack

Size 11-1/4" x 10-1/2" x 4-3/8". Wall Mount.
WTC-62502
Order# 101134

Teak Magazine Utility Rack

Size 9-1/2" x 9-3/4" x 4-1/8". Wall mount or free standing.
WTC-62504
Order# 101135

Teak Bulkhead Mount Magazine Rack

Complete with rear mounting bar for bulkhead mount. Free standing or wall mount.
14-3/4"W x 12"H x 4-1/4"D
AFI-62506
Order# 101136

Teak Binocular Racks

Small: 7-1/4" x 2-5/8"
WTC-62702 **Order# 101144**

Large: 8-1/2" x 3-1/2"
Designed for compass models.
WTC-62704 **Order# 101145**

Teak Deck Steps

Dimensions	Order #
15" x 6" x 1/2"	101066
11-1/2" x 4-1/2" x 1/2"	101067
8-3/4" x 3-1/2" x 1/2"	101068

Teak Fishing Rod Storage Rack

4 rod holder. 15-1/2" x 2-7/8" x 3/4". Sold by the pair.

WTC-60612 **Order# 101072**

Teak Mounting Boards

For fishing rod storage racks. Sold by the pair. Each pair of rod holders requires two pair of mounting boards. WTC-60609
Order# 101070

Teak Finger Pulls

Package of 2. 1" barrel length, 1-1/4" O.D. Recess mount.
WTC-60146 **Order# 101054**

Teak Outlet Cover

Size 3-3/8" x 5" price per pair
WTC-60170 **Order# 101056**

Teak Single Switch Cover

Size 3-3/8" x 5" price per pair
WTC-60172 **Order# 101057**

Teak Trivets

6" Square.
WTC-62420
Order# 101130

Teak Cockpit Table

Has two folding leaves and four drinkholders (two outer drink holders and a combined inner drink holder can be used to hold a pair of binoculars). Entirely removable for storage, installs without drilling pedestal guard, fold-down support leg: 30-1/2" long, tabletop has barrel bolt to secure it in the down position to the pedestal guard when not in use. Fits all 7/8" or 1" diameter tubing on the pedestal guards with special clamps. Includes brass and stainless steel hardware. Tabletop dimensions: Closed: 16" W x 25" L, Open: 32" W x 25" L. WTC-61392
Order# 741437

Clamps
Two required per table. WTC-61395
Order# 750933

For Teak Oils see page 321

Beckson

Recessed Drink Holder

Nice tight fit for can and water bottles. It is a single step model, but is deep enough to keep the container secure. I.D.: 2-11/16", width of flange: 3-1/2", cup depth: 2-7/8", hole cut: 3". White. BEC-GH33WI
Order# 148690

Beckson

Super Size Recessed Drink Holder

This is a two step model. The inner step holds cans and air horns like the GH33 series, but the outer step holds cans with insulators, wine bottles, etc. I.D.: 3-3/4", width of flange: 4-3/8", cup depth: 3-1/4", hole cut: 3-7/8". White.
BEC-GH43WI **Order# 140530**

Beckson

Soft•Mate Can Holder

Soft flexible PVC. Designed to hold beverage cans, bottles, air horns, glasses, etc. Includes mounting screws. White. 4.5"H x 3"W x 2.75". Dia. BEC-HH-6 **Order# 103007**

Beckson

Large Soft•Mate Can Holder

Two step model, molded from soft flexible PVC. The inner step holds cans and air horns like the BEC-HH-6, but the outer step holds cans with insulators, wine bottles, etc. Includes mounting screws. 5"H x 3"W x 3.5" Dia.
BEC-HH-61 **Order# 148652**

S&J

Drink-A-Long Holder

Stainless steel. The innovative Drink-a-Long holds drinks upright due to its unique gimballed construction. It will hold most standard beverage cans, cups, mugs with handles, and insulated containers. Mounts with only one screw thru a nylon mounting bracket. Includes bracket and screw. HDY-960026
Order# 161859

Stainless Steel Drink Holders

4-1/4"W including 3/8" flange. 3-1/2"H, fits 3" hole.
With Drain and Plug ONG-60002
Order# 169469

With Flange Gasket ONG-60012
Order# 169470

EZ Hold-it

Drink Holder with Cozy and Mount

Securely holds a soda can or mug. Comes with a can insulator, and attaches to any EZ Hold-it Mount, providing a safe, convenient way to keep drinks handy and secure. Comes with a slot for mug handles, making this drink holder ideal for any use. Can easily be attached or removed from the EZ Hold-it Mount. Each mount includes a Stay Strip and an Adaptor Post.

Description	Order#
Snap-On Mount for 7/8" Rail	**748803**
Snap-On Mount for 1" Rail	**748802**
Flat Surface Mount	**748804**

EZ Hold-it

Stainless Steel Adjustable Drink Holder

Made of 316 high polished, heavy duty stainless steel. Features pop-up adjustable arms. Holds a variety of containers. Folds up when not in use. Includes stainless steel mounting screws. RFA-DH-SSFA
Order# 175583

SeaDOG LINE

Adjustable Drinkholders

Injection molded nylon. Adjusts for containers with a 2-3/8" to 3-7/8" diameter. Uses #6 flat head fasteners. 3-7/8"H x 3-3/4"W x 3-11/16"D. 1" when folded.

Part#	Color	Order#
SD-588220-1	Black	**146535**
SD-588221-1	White	**146536**

SnapIt!

Snap It Drink Holders

Sized for mugs and canned drinks with insulated sleeves. Overall Height 3.5". Top ring is reversible. Comes with mounting hardware for 7/8", 1", 1-1/8" and 1-1/4" round tubing. Plus offers the option of bulkhead mount with enclosed screws. Designed for permanent mounting.

Part#	Size	Order#
SNP-V001C	Small, 3" ID	**752874**
SNP-V001K	Large, 3-5/8"ID, fits foam coozies	**752878**

SnapIt!

Twist It Drink Holders

Sized for canned drinks with insulated sleeves. Fits 1" tubing. Designed to be easily moved to different locations on the boat and stored below to avoid theft. Rotate clockwise to snap to tube and counter clockwise to remove. Overall height 3.5".

Single Drink Holder
3.625" ID
SNP-T001 **Order# 752883**

Double Drink Holder
Holds 2 canned drinks with insulated sleeves, 2 mugs, water bottles or binoculars. 3.625" (3 at narrowest point) x 7. 85". Overall height 3. 5".
SNP-T002 **Order# 752884**

Mounted Bottle Opener

Cast 316 stainless steel. 2-3/8" between mounting holes (center to center). Uses two #6 FH fasteners. SD-588450-1 **Order# 760768**

Grip Shelf Liner

The perfect non-skid surface for light duty applications like kitchen cupboards, drawers, and countertops. Easy to cut, easy to clean. Washable. Non-adhesive. 12" x 5' roll.

Part#	Description	Order#
HTV-502486	Green	**736420**
HTV-502536	White, Extra Grip	**736419**

All-Purpose Clam Baskets!

Nothing says New England coast better than a traditional wire clam basket. Great for any room in the house!

9"H x 11"Dia
Order# 124707

12"H x 17.5"Dia
Order# 171691

World's Greatest Laundry Basket!

These handy, rugged, versatile fish baskets can be used to carry anything. Use it for firewood, laundry, gardening and more.

Order# 118243

Door Knobs & Drawer Pulls

These pieces of traditional marine hardware make excellent drawer pulls, cupboard knobs and more! Fasteners sold separately.

A

B

C

	Description	Order#
A	Chrome plated zinc 4-7/16" awning cleat	**142783**
B	Bronze eye strap 5/16" 2-pack	**733488**
B	Brass O-Ring 1-3/4"	**105118**
C	Polished brass 3-3/16" closed base cleat	**731972**

The Maine Mat

Extremely durable and able to withstand heavy traffic. Traps dirt, mud, snow and sand, easy to clean, reversible. Made of water resistant and breathable materials that won't mildew. Features UV protection which prevents fading and color bleeding. Handcrafted by master weavers with 100% made in US products. Sizes vary. Small is approx 16" x 25" and Large is approx. 19" x 30". Assorted colors.

THE MAINE MAT

MAINE MADE AMERICA'S BEST

Small
HM-MAINEMAT-SM
Order# 752346

Large
HM-MAINEMAT-LG
Order# 752495

Nautical Napkin Rings

Dress your table in true nautical style with napkin rings right off the boat! Guaranteed to elicit comment.

A

B

C

D

E

	Description	Order#
A	Stainless Steel D Ring	**143929**
B	Stainless Steel Triangle Ring	**143932**
C	1/4" 3-Strand Premium Spun Polyester	**124969**
	White Whipping Twine (for rope ends) 1 oz.	**106201**
D	Brass Ring	**105117**
E	Stainless Steel Shackle	**130247**

Nautical Kitchen Towels

Your place settings will look seaworthy in a variety of marine themes. Make it nautical, make it home. 28" x 18". 100% cotton.

A

B

C

D

E

	Style	Order#
A	Lobster Pot	**763859**
B	Gulf of Maine	**749483**
C	Boat Plans	**759523**
D	Nautical Flags	**759525**
E	Get Cracking	**759522**

Nautical Kitchen Napkin

Gulf of Maine plaid design.
18" x 18". 100% cotton.
Order# 749486

Coastal Collection

Bring the beach to your table with this nautical collection! Features flip flops, sailboats, adirondack chairs and lighthouses. Serving trays are heavy duty melamine and salt & pepper shaker sets are ceramic. Artwork by Lisa Audit.

Part#	Description	Order#
CIN-15362	Lighthouse Salt & Pepper	**763861**
CIN-15363	Sailboat Salt & Pepper	**762208**
CIN-15369	Serving Tray with Handles, 19" x 12"	**759555**
CIN-15370	Flip Flop Platter, 19" x 8"	**762207**

High Tide Melamine Dinnerware

This nautical collection is adorned in patriotic red, white, and blue. The heavy-weight textured plates are perfect for any boat, beach, or dock setting.

Part#	Description	Order#
MTI-21584	8" Salad Plate	**763897**
MTI-21585	11" Dinner Plate	**763896**
MTI-21590	17" Serving Tray	**763898**

Pine Ridge Melamine Dinnerware

Enjoy dining outside in the great outdoors with beautiful lodge themed outdoor tableware. Perfect for the outdoor patio or deck or great indoors as well.

Part#	Description	Order#
MTI-21637	8" Salad Plate	**763900**
MTI-21638	11" Dinner Plate	**763899**
MTI-21639	8" Serving Bowl	**763901**
MTI-21636	15.75" Oval Serving Tray	**763902**

Re-usable Tumbler with Straw

16 oz capacity. Double walled insulation. BPA free. Plastic straw included. CSP-814-9

Lobsters	Pirate Flag
744947	**744950**

Polycarbonate Specialty Drinkware

Shatterproof polycarbonate drinkware. Elegant styling and exceptional clarity. Dishwasher safe.

Description	Capacity	Order#
1. Double Old Fashioned	18 oz	**157041**
2. Wine	10.5 oz	**157037**
3. Goblet	13.5 oz	**157040**

1 2 3

Hamilton Marine Drinkware

hamiltonmarine.com

Description	Color	Capacity	Order#
Ceramic Coffee Mug	Green	11 oz.	**734768**
Ceramic Sail Boat Coffee Mug	Blue	11 oz.	**734769**
Stainless Travel Mug w/Plastic Liner	Silver	16 oz.	**743087**
Stainless Water Bottle w/Caribiner	Blue	20 oz.	**729732**

Just Add Lobster!

Everything you need for your next lobster feast

Part#	Description	Order#
CSP-20-001	Lobster Dinner Napkins, paper, 24 count	**744250**
CSP-20-003	Lobster Party Pack: 4 bibs, 4 dinner napkins, 4 placemats, 4 moist towelettes	**744252**
CSP-20-095	Vinyl Bibs, 8 pack	**106654**
CSP-20-012	Butter Dish, plastic, 2 piece set	**744251**
CSP-20-005	Lobster Plates, plastic, set of 4	**741412**
CSP-20-028	Butter Melter, ceramic ,2 piece set	**154738**
CSP-809-20	Chowder Mug, ceramic	**754336**

Lobster and Crab Meat Picks

Tiny fork set at an angle on one end to pick meat out of every crevice. Tiny spoon for scraping inside claws on other end. MKM-LP **Order# 123181**

each, 4-pk, doz

20-Piece Flatware Set

18/10 stainless steel with plastic handle. Four 5 piece place settings. Bonus plastic flatware tray.

Color	Order#
Blue with White Anchor	**172108**
White with Blue Anchor	**172109** N

SnacPac Utensil Kit

Combines a plastic spoon, stainless steel fork and knife, and salt and pepper shakers - all in one neat little, handy, durable ABS plastic case. Dishwasher safe. Overall length: 8 1/2".
BKE-03B0800C **Order# 760836**

Christening Bottle

Continue the age old good luck tradition by breaking a champagne bottle over the bow of your new boat. The bottle is scored to allow it to break easily and it comes with a fine mesh bag to ensure that the broken pieces of glass don't end up in the water.
GWC-8000 **Order# 173816**

Italian Designed Cold Water Tap

Standard Family heavy duty cast brass basin tap. This spout does not swivel. Water Connection: 1/2" NPS-M threaded shaft. Chrome plated brass body, chrome ABS plastic knob. 7/8" mounting hole.
SCA-10050 **Order# 129737**

Italian Designed Faucet

A hot and cold water faucet made of chrome plated brass. Flexible supply lines with 1/2" NPS-F fittings. 1" mounting hole. SCA-10410
Order# 129736

Folding Cold Water Tap

Ideal for installing in a sink, under a seat or in a bait station. Vertical or horizontal installation. Water connection: 3/8" BSP-M threaded shaft. 3/8" BSP to 1/2" NPS-M nylon adapter included. Chrome plated brass body and spout, clear acrylic knob. 5/8" mounting hole. SCA-10056
Order# 755002

Italian Designed Tap

A cold water tap with swivel spout. Made of chrome plated brass with a chrome spout and chrome ABS plastic knob. 1/2" male, straight thread. 7/8" mounting hole. SCA-103200-RC
Order# 129742

Folding Mixer Faucet

High reach J spout, folding mixer. Separate side mounted single lever controls provide positive adjustment. Water connection: 3/8" BSP threaded shafts with 1/2" NPS-M nylon adapters included. Mounting Holes: (2) 5/8", 2-3/16" center to center. Chrome plated brass. SCA-10474 **Order# 755421**

PureWater+ Complete Starter Kit

This unique water filter does not require under-counter access or the clutter of filters and tanks typical of other water purification systems. With just a simple quarter turn at the faucet, the filter lifts out, slips off, and receives the new filter. In less than 20 seconds, it is ready to produce purified water.
FOR-770295 **Order# 761068**

Replacement Filters

Part#	Description	Order#
FOR-770297-1	5 Micron Filter	**761069**
FOR-770297-2	5 Micron Filter 2pk	**761070**
FOR-770298-1	0.5 Micron Filter	**761071**
FOR-770298-2	0.5 Micron Filter 2pk	**761072**

Par-Max 1 Water System Pump

12V miniature multi outlet pump serves 1 or 2-3/8" outlets at any time. 1.0 GPM. Self-priming up to 5ft. Pressure switch cut-in 22 psi. 4 amp fuse. Connections for 3/4" ID hose, fitting: 3/8" ID hose and slip-on 1/2" bushings.
JAB-42630-292P **Order# 757599**

Pump with Faucet
JAB-42630-392P **Order# 757602**

10" Filter Housing Assembly

Hassle-free bottled water quality for only pennies per gallon. Easy installation kit includes cartridge, wrench, mounting hardware, male/female garden hose fittings and 12" garden hose. Built-in bypass valve allows for easy winterizing and convenient cartridge changes. NSF listed to assure high quality drinking water.
SHU-RV10UCA **Order# 167673**

Italian Designed Single Lever Mixer Faucet

High spout. Chrome brass with gold trim. Can be used in the home or on the boat or just about anywhere you need a beautiful faucet.
WC-P1565CG **Order# 732682**

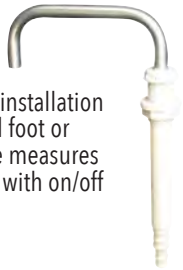
Limited Quantity!

Gusher Galley Manual Pump

The world's favorite galley pump! Have both hands free while you operate this foot pump. Floor or bulkhead mount. Made from corrosion resistant materials. Fresh or salt water use. Self-priming and can be run dry without damage. 1/2" hose size. Max. 4.3 GPM.
WHA-GP0550 **Order# 136471**

Telescopic Faucet

Intended for freshwater applications only. Designed for installation where space is limited. Ideal for use with Whale manual foot or electric pumps. Simple, lightweight and easy to fit. Bore measures 3/8" or 1/2". Anodized alloy and plastic. Does not come with on/off nozzle. WHA-FT1152 **Order# 136468**



Flipper Galley Pump

Self priming hand pump. Swiveling outlet, ideal for use with two sinks, fine flow control. Light to and fro pump action, suitable for fresh and saltwater. Approximately 2 GPM.
WHA-GP0418 **Order# 136470**

Whale V Pump

Ideal where space is limited. Suitable for pumping freshwater. Angled spout and adjustable height allow various options for installation. Capacity is 8 liters per minute (2.2 GPM). Suitable for use with fresh or salt water. Not for use in pressurized systems. Minimum height above counter is 3-1/2", maximum above counter is 15-5/16".
WHA-GP0650 **Order# 136473**

Rocker Galley Pump

A popular single action pump which has become a standard around the world. Made by Fynspray for over 30 years, it can be used with either fresh or salt water and is self priming. Tough non-corrosive plastic with heavily chrome-painted handle and spout. SPA-WS-63
Order# 131496

Brass Lever Pump

This handsome brass finished pump is perfect for many marine recreational and commercial applications. Traditional lever pump with straight (horizontal) outlet spout. These pumps are known worldwide for their high quality and reliable performance. Suitable for use with fresh or salt water. 46 Strokes per gallon, 1/2" - 3/4" (13-18mm) hose diameter, 1-5/8" barrel diameter, is 3" below counter top, minimum height above counter top is 8-1/2", maximum height above counter top is 11-3/4" weight: 3.250 Lbs.
SPA-WS-62B **Order# 131494**

Basin Sink with Mirror Finish

18/10 stainless steel construction. 10-1/8" diameter sink. Outer diameter 11-5/8". 5" depth, 3/4" flange width and 2-1/16" drain opening.
SCA-10201 **Order# 754591**

Drain
SCA-10306 **Order# 755329**

Oval Basin

18/8 stainless steel construction. Polished finish. 11-1/4" diameter sink. Outer diameter 13-1/4". 5" depth, 1" flange width and 1-7/16" drain opening.
SCA-10280 **Order# 754592**

Drain
SCA-19006 **Order# 765562**

Round Sink Basin

22 gauge stainless steel construction. Satin finish. 10-1/2" diameter basin. 4" depth. No faucet holes to accommodate either wall or counter top mount. faucet. Self-rimming or under counter installation.
PSP-011-1 **Order# 127557**

Drain
PSP-7466 **Order# 127578**

Rectangular Sink with Mirror Finish

18/10 stainless steel construction. Polished finish. Inside dimensions: 9-1/4" x 13". 7" depth, 1/2" flange width and 2-1/16" drain opening.
SCA-10218 **Order# 754593**

Drain
PSP-7466 **Order# 127578**

Satin Finish Sink

18/10 stainless steel construction. Durable satin finish will last the lifetime of your boat. Inside dimensions: 11-5/8" x 12-13/16". 6" depth. Outside flange: 12-3/4" x 13-15/16". 2-1/16" drain opening.
SCA-10654 **Order# 757501**

Drain
SCA-10306 **Order# 755329**

Sink with Faucet and Strainer

Stainless Steel, buffed finish, single compartment bar sink. 23 gauge, 2 hole, includes bar sink, goose neck washerless faucet, small basket strainer and has a 2" drain opening. 15" x 15" x 5-1/8".
HTV-743205 **Order# 730436**

	Description	Order#
A	Tailpiece 1-1/2"x6" fits 127577 and 127578 Strainers	**107747**
B	Tailpiece 1" ID Straight, 1-3/4" Flange	**158008**
C	Tailpiece 1" ID 90º Degree, 1-3/4" Flange	**158009**
D	Tailpiece 3/4" Straight, 1-3/4" Flange	**158014**

Sprayer Handle

Pull out combo sprayer with adjustable aerator (shower spray or faucet flow) and built in water conservation valve. Chrome plated brass body, plastic white handle with chromed plastic nozzle and chrome plated brass elbow. Includes 5' white nylon hose. Flexible supply lines with 1/2" NPS-F fittings. Mounting Hole: 1-1/2".
SCA-46011 **Order# 754611**

Recessed Transom Shower Kit

Push-Button recessed shower. Easy to use push button sprayer handle has built in grab ring for easy deployment. Mounts vertically or horizontally. Water connection: 3/8" BSP-F fitting. 1/2" NPS adapter available (#10961 Nylon). Material: Plastic and chrome plated brass sprayer with nylon hose and plastic cup and cap. Mounting Hole: 2-3/4". Includes 6' white nylon hose.
SCA-12106 **Order# 755318**

Straight Sprayer Handle

SCA-10283 **Order# 754584**

6' White Nylon Hose

SCA-10290 **Order# 754588**

Aqua Fina Shower Rail

A complete shower kit. Includes Standard Family bulkhead mounted mixing bridge. In-line water conservation valve located between handle and hose. Spring loaded push button, makes up/down adjustments easy. SCA-14140
Order# 755320

Hot & Cold Mixer Twist Deck Shower

Compact mounting requires drilling of a single round hole (2" hole for the straight holder or 3.5" for the angled holder). Patented dual-chambered hose carries both hot and cold water to the ceramic mixing valves mounted in the handset. Includes both straight and angled holders with 8' hose and base connector with 1/2" threads for quick connection to existing plumbing.
WHA-DS0006 **Order# 730766**

Refrigerators

Quiet, dependable and designed for years of service, these AC/DC refrigerators are ideal for marine use as well as RVs, vans and trucks.

- Exceptionally quiet, even in close quarters
- Easy, accessible storage with adjustable, removable door bins
- Convenient, large container storage
- Durable, easy-to-clean white powder-coated shelves
- Safe and stylish recessed doors
- Off-level operation up to 30°
- NR751BB features new cool blue LED interior light

Part#	Description	H x W x D	Order#
NOR-NR751BB	3 Cu. Ft., AC/DC, Flange Mount	20-1/2" x 18-1/2" x 21"	**748885**
NOR-DE0788B	3.1 Cu. Ft., AC/DC, Refrigerator/Freezer, Self Venting	30" x 21-1/2" x 20-1/8"	**731273**
NOR-DE-0041	3.6 Cu. Ft., AC/DC Refrigerator/Freezer, Flush Mount	30-7/8" x 23-1/4" x 23-1/2"	**159807**
NOR-635591	Power Cord for NR751BB (required)		**753344**

Xtreme Ice Chests

The case contains an ultraviolet and infrared (UV/IR) additive that not only insulates, but also extends the life of your cooler by deflecting harmful rays that break down the plastic over time. All coolers feature an anti-microbial liner, stainless steel hardware, stainless steel spring lid strap, drain valve and large overmold handles.

Capacity	L x W x H	Cutting Board	Order#
58 qt	31.25" x 18.25" x 16.13"	yes	**175815**
70 qt	31.5" x 18.25" x 16"	no	**175812**
	Tie Down Kit		**175818**

Marine Ultra Coolers

Loaded with features designed for marine functionality and built to withstand wet, sunny and salty conditions. Ultratherm® insulated cooler body. UV inhibitors guard against sun damage. Marine-grade extended life hinges. Vinyl coated stainless-steel lid strap. Reinforced non-slip, comfort grip swing up handles with tie-down feature. Stain and odor-resistant liner. Stainless-steel corrosion-resistant screws.

Part#	Capacity	Order#
IGL-44679	36 Quart	**745817**
IGL-44687	94 Quart	**745816**

Marine Ultra Totes

Anti-mildew, and UV protected. Ultra thick insulation keeps contents cold. Side mesh panels provide additional storage. Non-slip feet won't slide in wet conditions. Comfort Wrap handle for easy carrying.

Part#	Capacity	Order#
IGL-57176	24-Can	**750655**
IGL-57178	36-Can	**750657**

Marine Ultra 36-Can Snap Down Tote

Anti-mildew and UV protected. Ultra-thick insulation. Front pockets for extra storage. Comfort wrap handle for easy carrying. Leak-resistant, easy-to-clean, antimicrobial liner is both stain and odor resistant.
IGL-57180 **Order# 750658**

9-Can Playmate Pal

Top push-button makes opening easy. Lightweight and convenient to carry. Ideal for lunches, day trips and sporting events. Holds nine 12-oz. cans with ice. 11.75"L x 7.25"W x 12"H. IGL-7362 **Order# 736494**

Bora Fan

The quietest and most powerful marine fan in its class! Three speed touch control. Long life 5000+ motor. Compact design. Newly designed high efficiency blade. Fully guarded on front and back. Locking cam mount. Low power draw. 6.5"W x 9.5"H x 3.5"D. White. CAF-748CAWBX **Order# 746266**

Ultimate Fan

Fingersafe™ blade that does not require a protective grill and has a shock-absorbing leading edge that flexes when it is stopped. Two speeds. Two mounting options (permanent or removable suction cup). 12v lighter plug included. Long life, low power drawing motor. Adjustable base and tilting head. 7"W x 9"H x 5.5"D. White. CAF-747DCWCS **Order# 746264**

MiniMax Deluxe Fan

Energy efficient, compact and powerful. Ideal for boaters looking for added circulation without having to wire into their 12v system. Four speeds (low, medium, high and off). Anti-slip rubber feet. Long life motor. AC adapter ready. 300 hours use from 4 D cell batteries. 5.25"W x 5.25"H x 2.5"D. White. CAF-737DXWCS **Order# 746272**

12V, 2-Speed Turbo Fan

Turns and pivots in all directions. Locks in position. Quiet motor. 150mm diameter fan blade with guard. High air capacity with low power consumption. 2-speed switch. Side, upright or pendant mounting. HEL-87174 **Order# 166081**

Island Breeze 9 Qt Cooler

Elevated base does not touch the ground, which gives off heat, keeping the contents much cooler for a longer period of time. Bale handle for easy one hand carrying. Lid reverses from a flat surface to tray and cup holder. Holds up to twelve 12oz cans. Easy-clean, stain and odor resistant liner.
IGL-43567 **Order# 736496**

5 Lb Propane Tank

Features vertical cylinder, scalloped footring, colonial white powder coated steel, and QCC1 (acme) valve. Includes overfill protection device (OPD). 5 lb capacity. 12.4" x 8".
HTV-496984 **Order# 134974**

TRIDENT MARINE

Propane Cylinders

Model#	Capacity	Type	Order#
1400-0011T	11 lb	Steel	**134975**
1410-0006	6 lb	Aluminum	**134977**
1410-0010	10 lb	Aluminum	**134978**
1420-0017	17 lb	Composite	**728688**
1410-0020	20 lb	Aluminum	**139999**

Horizontal Cylinders

Model#	Cap.	Metal	Order#
1410-0010H	10 lb	Aluminum	**144145**
1410-0020H	20 lb	Aluminum	**148010**

Marine LPG Regulator

Compact, low pressure regulator. UL Listed, die cast body with 3/8" FPT. 300 PSI leak test guage (low-profile, watertight, s/s).

Model#	Mount	Order#
1200-1411	Tank	**134964**
1211-1411	Wall	**154874**

Propane Hose

All LPG hose units are fully assembled, leak-tested and UL Listed.

Model#	Description	Order#
1014-3838-24	Hose with Brass Fittings, 2'	**134958**
1014-3838-60	Hose with Brass Fittings, 5'	**134960**
1014-3838-120	Hose with Brass Fittings, 10'	**134956**
1014-3838-180	Hose with Brass Fittings, 15'	**134957**
1014-1401-20	LPG Pigtail Hose, 20"	**134955**
1014-1415-20	LPG Pigtail Hose, Quick Closing 20"	**154648**
G-265-120	Hose for Force10 and Magma, 10'	**134989**

Solenoid Valve

12v DC, low pressure valve. Connects to regulator outlet and supply line hose with reducing male hex nipple and male flare adapter. Automatically closes with no or low current. UL Listed. Brass.

Model#	Orifice	FPT Ports	Order#
1300-7708.2-KIT	1/4"	1/4"	**175431**
1300-7706.2-KIT	5/16"	3/8"	**175430**

12 VDC Marine Gas Control and Detection System

Turns LP Gas ON or OFF from inside galley and automatically turns gas off and activates audio and visual alarms if gas is detected at 10% or more of lower explosion limit (LEL). Includes detector (with red function light), Low pressure solenoid and surface mount control panel (three alarm zone indicators, green function light, red alarm lights, 95 dB alarm, new mute/test button and 10' quick connect cable.
TRD-1300-776KT **Order# 175429**

FIREBOY

Fuel Vapor Monitor

The M-2A is a simple, yet highly effective detector of engine compartment fuel vapors, as well as of fumes (unburned hydrocarbons) from faulty exhaust systems and hydrogen (battery vapors). When any of these fumes are detected, the M-2A is immediately activated. A visual warning light illuminates and the audible alarm sounds. The Sensor is engineered to alarm at 16%-20% of the Lower Explosive Limit (L.E.L). "PRESS TO TEST" for each sensor confirms proper function.
FBY-M-2A **Order# 114006**

FIREBOY

Propane/CNG Monitor and Control

State of the art, Propane/CNG control system with 2 channel monitoring. When propane gas is flowing to the appliance and a leak is detected, the solenoid valve (installed in the gas line) automatically shuts off the flow of propane gas. A "Red" visual light will illuminate and the audible alarm will sound until the problem is corrected or the alarm is muted. "PRESS TO TEST" for each sensor confirms proper function. Includes one solenoid control valve and one propane/CNG sensor.
FBY-S-2A **Order# 114021**

Additional Sensor for Fuel Vapor or Propane/CNG

Works with M-2A and S-2A. Comes with 20' "Plug In" wire lead. FBY-MS-2
Order# 141249

FIREBOY

Smoke and Fire Alarm

This smoke and fire alarm uses the ionization principle of detection for detecting fast-flaming fires which consume combustible materials rapidly and spread quickly. 9V battery operated for easy installation with no wiring and features a test button and 85 dB alarm horn. Meets the requirement of UL 217. 4.25" diameter, 1.75" high. FBY-SS-775 **Order# 765345**

FIREBOY

New Sensor Technology!

Carbon Monoxide Detectors

New Electrochemical sensor enables immediate and stable sensing and reduces false alarms. Ultra-low current draw of 1 mA. Approximate 7 year sensor life. Multiple location warning: all connected CMD5-MI Alarms sound together, compact design for inconspicuous protection. Battery operated version requires no power wiring. Sealed lithium-ion battery has guaranteed 7 year life. Microprocessor controlled. Conformal coated circuit board for added protection. Time-weighted average CO measurement process constantly monitors all CO levels. Highly resistant to most chemicals, solvents and cleaners.

Part#	Type	Order#
FBY-CMD5-MBO	Battery Operated	**765346**
FBY-CMD5-MDO	12/24V DC	**765347**

MAGMA

Marine Kettle Charcoal Grill

The time tested original charcoal "Marine Kettle" grill is now equipped with a hinged lid. Made of 100% 18-9 mirror polished stainless steel for maximum corrosion resistance. 15" diameter grill with adjustable "wind block lid" and complete temperature control. MAG-A10-104 **Order# 741463**

MAGMA

Combination Stove and Gas BBQ "Marine Kettle 2"

Swiveling, windproof turbo venturi and control valve design that virtually eliminates blow-outs. Places the fuel and valve where it is convenient to you. Allows safe, easy fuel changes. Balanced lid will not slam shut. Reliable Piezo Igniter. Burner and hi-tech radiant plate and dome heat distribution design. Perfect even heat as a BBQ, direct open flame cooking as a stove. "Stay Cool" handle. Uses standard disposable propane canisters, or adapts to on-board LPG or CNG systems.

Size	Part#	Order#
15" Grill	MAG-A10-207-3	**166454**
17" Grill	MAG-A10-217-3	**168354**

Marine Kettle BBQ Cover for above grills
Pacific Blue **Order# 148804**

MAGMA **Marine Kettle Mount Hardware**

	Part#	Description	Order#
A.	MAG-A10-080	1" or 7/8" round rail all-angle mount	**121823**
B.	MAG-A10-121	Deck socket mount with arm	**174861**
C.	MAG-A10-175	POW'R GRIP™ Fish Rod Holder Mount	**140241**
D.	MAG-A10-650	On-shore stand (For marine kettles)	**166588**

Control Valve Regulator For Kettle Grills Only
For un-regulated, on-board LPG systems, and 1 lb disposable bottles. MAG-10-263 **Order# 121814**

MAGMA

Telescoping 5 Piece Grill Tool Set

304 Marine grade mirror polished stainless steel construction, telescoping design expands in 3 usable lengths, inlayed rubber handle provide safe and secure handling. Includes: spatula, tongs, fork, grill brush and carry/storage case.
MAG-A10-132T **Order# 743140**

Portable Buddy Propane Heater

Low oxygen safety shutoff pilot to provide safe, reliable propane heat indoors. The Portable Buddy gives you instant heat anytime. Designed and approved for indoor use. Uses 1 lb. or 20 lb. propane cylinder with optional hose connection. Free standing or wall mount. Quiet, odor-free, lightweight, portable. Easy to carry. 4,000 and 9,000 BTU high and low setting. Heats up to 200 square feet.
HTV-119707 **Order# 154418**

MAGMA

Connoisseur Gas BBQ

- Grilling area 162 sq. in. (9" x 18")
- Fold away legs, perfect for a picnic on shore
- 100% 18-9 mirror polished stainless steel
- Inner safety shell
- Snap-out radiant plate
- Oversized, perfectly balanced lockable lid
- Full-length handle
- Front access, lock-in-place grease tray
- Swiveling valve regulator

MAG-A10-803 **Order# 730415**

Cover for Connoisseur BBQ- Black
MAG-A10-990JB **Order# 166446**

MAGMA

Classic Gourmet Series Propane Grills

New elegant design, no sharp edges. Completely redesigned combustion system, won't blow out. New dependable electronic ignition system, always lights. 100% 18-9 mirror polished marine grade stainless steel construction. Integrated Fold-away legs. Full inner lined safety shell, funnels grease into front access grease tray. Convenient snap-out dual radiant plate for even heat distribution. Oversized, lockable lid. Stainless steel full-length handle, hermetically sealed thermometer. Swiveling control/valve regulator, allows for quick, safe canister exchanges.

Catalina II
Grilling Area: 315 sq. in.
Primary 12" x 18"
Secondary 5-1/2" x 18"
MAG-A10-12182
Order# 756404

Monterey II
Grilling Area: 420 sq. in.
Primary 12" x 24"
Secondary 5-1/2" x 24"
MAG-A10-12252
Order# 756406

Newport II
Grilling Area: 162 sq. in. 9 x 18"
MAG-A10-9182
Order# 756402

Serving Shelf For Newport and Catalina
MAG-A10-902 **Order# 166675**

Newport and Catalina Mounting Hardware

	Part#	Description	Order#
A.	MAG-T10-355	"Levelock"® All-Angle Fish-Rod Holder	**729281**
B.	MAG-T10-380	Horizontal Round Rail Mount, 7/8" or 1"	**121839**
C.	MAG-T10-580	Dual Horizontal Round Rail Mount, 7/8" or 1"	**166676**

MAGMA **Bait/Filet Mate Table with Levelock® Mount**

FDA Approved, UV stabilized, hi-density polyethylene for mildew free, crack space free and maintenance free use.Will not absorb fish orders like wood tables. Includes a Levelock all-angle fish rod holder mount. 1.5" tube mount made of heat treated stainless steel and hard anodized aluminum. All angle adjustment. Fits into most cross-pin type rod holders. 8 different rotational positions. Folds flat.

Part#	Size	Order#
MAG-T10-312	12.75" x 20"	**166463**
MAG-T10-313	12.5" x 31"	**166373**

FORCE10 ENO LPG Cooktop Ranges

The 2 burner gas cooktops are available in either drop-in or gimballed version. Both units are stainless steel and feature thermocouple protection on each burner and electronic spark ignition. The gimbal version includes the gimbal kit and pot holders. The 3 burner gas cooktop comes with 3 different output burners for ultimate cooking flexibility. The unit is stainless steel and features thermocouple protection and electronic spark ignition.

Part#	Burners	Type	WxHxD	Order#
F10-43234	2	Drop-In	18.3" x 3.15" x 13.2"	**740395**
F10-46238	2	Gimballed	19.7" x 10" x 15.5"	**748593**
F10-43334	3	Drop-In	18.3" x 3.15" x 15.2"	**743634**

Click 2 Cook Portable Stove

Features an easy to use piezo ignition system and cast aluminum burner. Uses Bu-Tank notched collar fuel cartridge or included propane regulator and hose assembly to connect to 1lb propane cylinders. Includes a gas leak prevention device and pressure sensing safety shut off device. Comes in a plastic carry/storage case with a handle. The stainless model has a stainless steel cook top and produces high output 9,560 BTU hour (1.25 hours high/2.5 low.)

New!

7,650 BTUs

9,560 BTUs

Part#	Description	Order#
WLK-BT-4500	Heavy Gauge Steel with Green Enamel	**762284**
WLK-BT-5000	Stainless Steel	**762285**

Floating Butane Lighter

Piezo-electric ignition lights up to 30,000 times and works when wet. Windproof flame. Ceramic flame window glows a bright white color when lighter is ignited. Unique floating construction. O-ring sealed cover with locking clasp. Waterproof when fully closed. Butane not included. 2.6" x 1.6" x .5". Orange.
UST-20-W10-08 **Order# 748965**

Folding Refillable Lighter

Child resistant. Adjustable flame, clip strip. Assorted colors.
HTV-168120 **Order# 762203**

Magnesium Fire Starter

No matches needed. CGN-7870
Order# 158099

Stow N' Go Marine BBQ

KUUMA

13,000 BTUSs. 100% stainless steel construction and requires no assembly. Great for the boat, park or campground. 160 square inches cooking surface, locking lid, fold away integral legs and removable grease tray. Can run off disposable propane cylinders or larger high pressure propane tanks. Windproof design. Full length stay-cool stainless steel handle for easy carrying. Mounts sold separately.
KUM-58130 **Order# 171549**

Mounting Hardware

Part#	Description	Order#
KUM-58182	Rail Mount (7/8"-1.25")	**171553**
KUM-58180	60° Rod Holder Mount	**171555**

Propane Bottles *In Store Pick Up Only*

16.4 oz disposable propane bottle, fuel for propane appliances. Replaceable cap, pressurized cylinder. Convenient to use, no pumping or pouring.
HTV-310326 **Order# 677940**

2-Pack
HTV-189452 **Order# 756575**

8 oz. Butane Fuel

Non-refillable canister. UL Listed. Ships by ground only.
PFF-06000 **Order# 739070**

Sootless Boat Stove Alcohol

Size	Order#
Quart	**117867**
Gallon	**117849**

FORCE10 COOKING WITHOUT COMPROMISE

Gimballed Galley Range

The difference is in the detail. Performance, convenience, safety and quality comes standard on all Force 10 cooking appliances. The Gourmet Galley range offers stainless steel construction, high efficient burners with a large burner output of 9500 BTU for rapid water boiling and simmer burner(s) with an output of 3750 BTUs for precision low heat cooking. Includes pot holders & gimballing hardware. Optional trim kits available for built-in installations. 21.62" x 21.25" x 20"

Standard Features Include:
- Thermostatic oven control
- Slide away oven door with viewing window
- Electronic spark ignition
- Safety thermocouples at each burner
- Radiant infrared burner

F10-63351 **Order# 141423**

We are the Northeast supplier for Force 10 replacement parts!

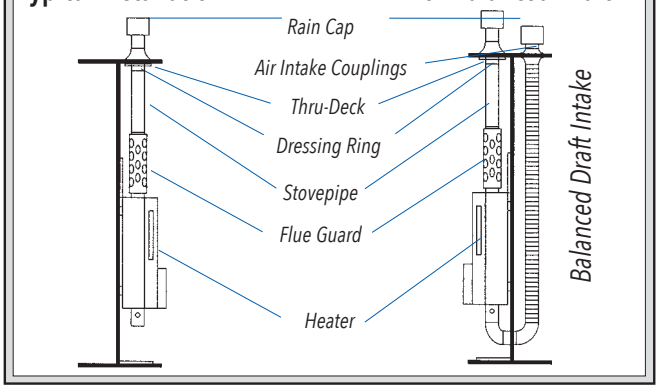
dickinson Newport Stoves

Solid Fuel Heater 3000 - 8000 BTUs
Uses charcoal briquets, wood, fire logs, and other solid fuels. Stainless steel construction, Dutch tile fire-view door and draft control, 3" flue vent.
Dimensions: 7.88"W x 10"D x 14.7"H
DMF-00-NEWSF **Order# 108944**

Diesel Heater 6500 - 16,250 BTUs
Uses readily available diesel fuel to provide plenty of heat. Glass fire door. Dimensions: 10.38"W x 10.88"D x 19.63"H
DMF-00-NEW **Order# 108943**

Part#	Dia.	Stovepipe Type	Order#
DMF-16-000	3"	24" Straight	**108970**
DMF-16-001	3"	24" w/Barometric Damper	**733953**
DMF-17-000	4"	24" Straight	**170240**
DMF-16-010	3"	7" Straight w/Damper	**108971**
DMF-16-030	3"	22" Flue Guard	**108973**
DMF-16-040	3"	45° Stovepipe Elbow	**108974**
DMF-16-050	3"	Thru-Deck Fitting	**108975**
DMF-16-080	3"	Round Rain Cap	**108976**
DMF-16-090	3"	H-Style Rain Cap	**108977**

Typical Heater Installations



dickinson Newport Propane Fireplace

The most economical small propane heater on the market. Double wall flexible, stainless steel direct vent pipe. Complete isolation of all combustion air, with no concerns for oxygen depletion or combustion gas emissions.

5500-7500 BTU's 17"H x 8.88"W x 7.25"D
DMF-00NEWP9000 **Order# 150810**

7000-9700 BTU's 19"H x 10.25"W x 8.13"D
DMF-00NEWP1200 **Order# 150811**

Double exhaust pipe extension kit. 28" pipe w/couplers. DMF-19-000 **Order# 151117**

Stainless steel 2.5" cap guard.
DMF-19-080 **Order# 157204**

Stainless steel liner, protects the wall and exhaust stack behind heater. 12" x 24" DMF-25-000
Order# 740637

Low Pressure Electric Impulse Fuel Pump
Walbro Pump. Adjustable pressure set at 2.5psi for Dickinson stoves and heaters. 12v standard. Will shut off when pressure reached. DMF-20-000
Order# 108985

Walbro Pump with Regulator, adjustable pressure.
DMF-20-002 **Order# 161916**

SIGMAR Diesel Heaters

Model 170
8,500 to 17,000 BTUs. At max setting, it consumes only 2 gallons of fuel in 24 hours. Stainless steel construction. Large capacity bulkhead mount. Large view window. Dimensions: 20"H x 9"W x 9"D
SML-170 **Order# 131397**

Model 180
6,000 to 18,000 BTUs. An attractive floor standing heater with a small cooking surface. At max setting, it consumes only 2 gallons of fuel in 24 hours. Stainless steel construction. Two Large view windows. Dimensions: 20"H x 10"Diameter.
SML-180 **Order# 131399**

Accessories

Part#	Description	Order#
DMF-16-000	3" x 24" Straight Stove Pipe	**108970**
DMF-16-200	3" S/S Thru-Deck Cap	**131393**
SML-00-RAC3	3" S/S Rain Cap	**733251**
DMF-16-050	3" Thru-Deck w/Dress Ring	**108975**

Gravity Fed Tanks
Mounts vertically or horizontally. Includes 2" mounting brackets.

Part#	Size	Order#
DMF-24-001	2 Gal, 8.5" Dia.	**732989**
DMF-24-002	5 Gal, 10.5" Dia.	**732990**

SIGMAR Cozy Cabin Propane Heater

5,500 BTUs
Stay cozy in your cabin with this bulkhead mounted, dry radiant heat propane heater. A deck cap is included, with required 1" flue pipe sold separately. No standing pilot light, piezo spark ignition and thermocouple protection ensure your complete safety. If the oxygen content of your cabin drops below 95% of normal, the oxygen depletion system shuts the unit down. Approximate Dimensions: 16-1/2"H x 7-3/4"W x 7"D.
SML-10000 **Order# 113810**

1" x 4' Stainless Steel Tubing for Smoke Stack
HM-3041065P04 **Order# 749000**

Rain Cap Assembly with Guard
DMF-94105 **Order# 113873**

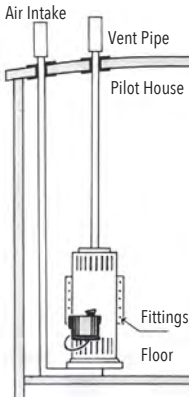
Burner Assembly Base
SML-10400 **Order# 166376**

Refleks Oil Stoves for Ships: Heavy Gauge Stainless Steel

As a general rule of thumb allow 10-15 BTU's per cubic foot

Clean heat • Most efficient at "half-throttle" • Diesel oil or kerosene • Low fuel cost and consumption • Reliable • Efficient • Safe • May be left unattended overnight • Optional hot water heat

When REFLEKS oil stoves have to be mounted in the pilothouse or at a place where pressure differences may occur, either from the motor or by wind influence, (open doors) the mounting has to be done as shown in the diagram below.



60M 66M 66MK

60 Series ~ 19,750 BTUs (620 mm x 320 mm)

The most popular stoves among Scandinavian fishing vessels. Packs a wallop to heat large pilothouses, cabins or engine rooms. Requires 90mm stovepipe, 90/114mm insulated.

Part#	Model#	Description	Order#
REF-001	60M	Robust and reliable in operation	**128231**
REF-004	60MK	Similar to the 60M, but with Cook Top	**128233**
REF-002	60MF	With fresh air intake	**128232**

66 Series ~ 5,500 BTUs (420 mm x 165 mm)

Our most popular stoves. Handy and economical models. Requires 70mm stovepipe, 70/90mm insulated.

Part#	Model#	Description	Order#
REF-017	66M	Robust and reliable in operation	**128238**
REF-022	66MK	Similar to the 66M, but with Cook Top	**128240**

61 Series ~ 19,750 BTUs (715 mm x 345 mm)

Stainless steel. Copper coil to connect to radiators.

Part#	Model#	Description	Order#
REF-006	61MSF	With fresh air intake	**128235**

Recommended Accessories

For 60 and 61 Series stoves and stove liners, we suggest the REF-215 Burner Net (**Order# 128303**) and a box of soot cleaners (below) to achieve optimal results.

Chimney Cleaner

Contains 8 bars per box. Can be used in woodstoves, fireplaces and diesel stoves to break up accumulated soot. Use before cleaning or periodically. REF-36MI **Order# 745901**

JOHNSON PUMP

Circulating Pump

12V compact magnetic driven centrifugal pump. High flow and low electric current consumption. Suitable for fresh water and ethylene glycol circulation. Includes mounting bracket.

Part#	Hose Dia	Order#
JPA-10-2448603	5/8"	**120706**
JPA-10-2450403	3/4"	**120707**

Accessories & Replacement Parts

All Refleks parts are 316 Stainless Steel

1 inch = 25.4 mm

Single Wall Stovepipe

Part#	Description	Dia.	Order#
REF-115	1 meter L	70mm	**128248**
REF-116	1/2 meter L	70mm	**128249**
REF-117	kneepipe 90°	70mm	**128250**
REF-118	access kneepipe	70mm	**128251**
REF-119	bevelpipe 45°	70mm	**128252**
REF-120	1 meter L	90mm	**128253**
REF-121	1/2 meter L	90mm	**128254**
REF-122	kneepipe 90°	90mm	**128255**
REF-123	access kneepipe	90mm	**128256**
REF-124	bevelpipe 45°	90mm	**128257**
REF-125	1 meter L	114mm	**128258**
REF-126	1/2 meter L	114mm	**128259**
REF-127	kneepipe 90°	114mm	**128260**
REF-129	bevelpipe 45°	114mm	**128262**

Insulated Double Wall Stovepipe

Part#	Description	Dia.	Order#
REF-130	1 meter L	70/90mm	**128263**
REF-131	1/2 meter L	70/90mm	**128264**
REF-134	1 meter L	90/114mm	**128267**
REF-135	1/2 meter L	90/114mm	**128268**
REF-138	1 meter L	114/135mm	**128271**
REF-139	1/2 meter L	114/135mm	**128272**

Downdraft Caps

Part#	Description	Dia.	Order#
REF-150	straight pipe	70mm	**128275**
REF-2370Y	Yachter	70mm	**171457**
REF-151	straight pipe	90mm	**128276**
REF-155	"H" type	90mm	**128280**
REF-2390Y	Yachter	90mm	**171458**
REF-152	straight type	114mm	**128277**
REF-156	"H" type	114mm	**128281**
REF-153	straight type	135mm	**128278**

Part#	Description	Order#
REF-161	70mm Deck Flange	**128283**
REF-162	90mm Deck Flange	**128284**
REF-162DD	90mm Double Deck Flange	**128285**
REF-163	114mm Deck Flange	**128286**
REF-190	Burner Pot for 60M	**128290**
REF-191	Burner Pot for 61MS	**128291**
REF-192	Burner Pot for 62M	**128292**
REF-194	Burner Pot for 66M	**128293**
REF-205	Burner Ring for 60M	**128297**
REF-20701Y	70mm 1-meter Flue Guard	**142428**
REF-208	Burner Ring for 66M/71M	**128300**
REF-20901Y	90mm 1-meter Flue Guard	**142429**
REF-20905Y	90mm 1/2-meter Flue Guard	**142431** N
REF-20901YC	90mm 1-meter Flue Guard, copper	**171900** N
REF-20905YC	90mm 1/2-meter Flue Guard, copper	**172695** N
REF-214	Burner Net for 62M	**128302**
REF-215	Burner Net for 60M	**128303**
REF-287	Cleaning Needle for 60 series	**128322**
REF-235	10 liter fuel tank	**173812**
REF-235M	10 liter fuel tank with Measurer	**173813**
REF-236	20 liter fuel tank	**128308**
REF-237	50 liter fuel tank	**128309**
REF-239	2-1/2 liter exp. tank	**128310**
REF-240	5 liter exp. tank	**128312**
REF-315	Safety Fuse Fuel Shut-Off	**128327**
REF-252AY	Marine Stove Regulator for 60/61	**745990**
REF-317	Water Filter	**128329**
REF-317A	Water Filter Element	**128330**

MARINE HEAT™

Heaters should be installed horizontally.

FREE HEAT From Your Engine's Closed Cooling System!

These powerful marine bus heaters provide from 28,000 to 40,000 BTU (up to 80,000 in dual installations) simply by plumbing (5/8" heater hose) into your engine's cooling system. 12 volt 3-speed centrifugal blowers ensure even heat circulation. Heavy-duty, non-corrosive, glass-filled nylon housing. Choose flush mount or ducted models.

Flush Mount Kits Include: Heater, switch with mounting plate, and 3-way wire harness.

Ducted Heater Kits Include: Heater, 3" vent hose, directional louvers, switch with mounting plate, and 3-way wire harness.

12v Glass-Filled Nylon Housing				
Small Flush Mount Unit: 9.5"W x 6.5"H x 9"D Face Plate: 11.37"W x 7.5"H Current Draw: Low - 4.9 Med - 6.6 High - 9.6 Amp BTUs Per Hour: 28,000 est. **Order# 738569**	Large Flush Mount Unit: 15.9"W x 7"H x 9.6"D Face Plate: 17.62"W x 7.5"H Current Draw: Low - 5.5 Med - 7.1 High - 11.6 Amp BTUs Per Hour: 40,000 est. **Order# 738566**	2-Outlet Heater Unit: 9.5"W x 6.5"H x 9"D Current Draw: Low - 4.9 Med - 6.6 High - 9.6 Amp BTUs Per Hour: 28,000 est. **Order# 738568**	3-Outlet Heater Unit: 15.9"W x 7"H x 9.6"D Current Draw: Low - 5.5 Med - 7.1 High 11.6 Amp BTUs Per Hour: 40,000 est. **Order# 738570**	4-Outlet Heater Unit: 15.9"W x 7"H x 9.6"D Current Draw: Low - 5.5 Med - 7.1 High -11.6 Amp BTUs Per Hour: 40,000 est. **Order# 738571**
24v Powder Coated Aluminum Housing				
24 Volt **Order# 117076**	24 Volt **Order# 117074**	N/A	N/A	N/A

Combined Unit Installations

Heaters are good in summer too! Drive out the damp!

For more heating power or a combination of heating and defrosting, combine a flush mount and a vented heater. Get up to 80,000 BTUs from two low-priced units. Any way you combine them, these quality heaters will keep your windows clear and your cabin warm.

28,000 + 28,000 = *56,000 BTUs*

28,000 + 40,000 = *68,000 BTUs*

40,000 + 40,000 = *80,000 BTUs*

Heater Accessories

Description	Order#
4-Position Rotary Switch Kit	**738567**
"Y" Air Vent Connector	**738577**
Euro Vents with Shutoff Vanes, 3" Black	**738575**
Rotaire Vents, 4" with 3" Stepdown	**738576**
12v Circulation Pump Kit	**117090**
Duct Hose, 3" diameter, by the foot	**118154**

Heater Motors for Powder Coated Aluminum Housings

300 and 400 series heater motor assemblies include an adapter plate to allow the motor to fit older style heaters. 200 and 500 motor fits new style heaters only.

Heater Motor	Width	Series	Order#
12-volt	9"	200 and 500	**137990**
12-volt with adapter plate	16"	300 and 400	**737121**
24-volt with adapter plate	16"	300 and 400	**740208**

Heater Motors for Glass-Filled Nylon Housings

Heater motor assemblies for heaters with non-corrosive heavy duty glass-filled nylon housings.

Heater Motor	Order#
12v for 9" wide units	**742442**
12v for 16" wide units	**742441**

Interlux®

Micron: Generations of Innovation

Every parent hopes their children will do well and have a better life than they did. At Interlux, we feel the same way about the products we make.

With each new advancement and generation of Micron® Technology comes better performing, higher quality solutions. Innovation is a tradition we are proud to have carried on for over 30 years.

From the long lasting and always dependable Micron CSC to our new, powerful water-based Micron Optima with Activated Biolux®, we build on our past success to deliver state of the art protection today.

Whatever the year, you know you'll always have the latest and best in Micron Technology.

Visit our website for more information – **yachtpaint.com**

YouTube™

Scan the code with your smartphone to watch our new Micron film.

AkzoNobel

All trademarks mentioned are owned by, or licensed to, the AkzoNobel group of companies. © AkzoNobel 2016.

8130/1216

Color differences may occur between actual paint and chips shown.

MICRON TECHNOLOGY

MICRON® 66 TBT Protection without TBT
- Top of the line Multi-Season protection
- Provides a level of protection not found in any other antifoulant. Replaces Micron 44
- Patented SPC copolymer technology
- Controlled Polishing ensures smoothness and saves fuel
- Haul and relaunch without repainting
- For professional application on any size boat

RED YBA472 | BLACK YBA473 | BLUE YBA470

Part#	Color	Gallon
INT-YBA472GL	Red	155166
INT-YBA473GL	Black	155167
INT-YBA470GL	Blue	155164

DO NOT use in fresh water

MICRON® CSC
Multi-Season Ablative Copolymer Antifoulant
- Suitable for power and sailboats
- Proven performance for 20 years
- All the benefits of Micron technology

BLUE 5580 | GREEN 5581 | RED 5582 | BLACK 5583 | SHARK WHITE 5584

Part#	Color	Quart	Gallon
INT-5580	Blue	119962	119961
INT-5581	Green	119964	119963
INT-5582	Red	119966	119965
INT-5583	Black	119968	119967
INT-5584	Shark White	119970	119969

ABLATIVE

ACT ANTIFOULING ABLATIVE
Provides excellent season to season antifouling protection for power and sail boats. Ablative Technology enables the paint to erode away with use and eliminates the build up and the heavy sanding. ACT is the trusted and reliable ablative antifouling used by boaters and boatyards for full season or season to season protection in salt, brackish and fresh water. Flexible application schedule, paint in the fall and launch in the spring.

RED 4490U | GREEN 5590U | BLUE 6690U | BLACK 7790U

Part#	Color	Quart	Gallon
INT-4490U	Red	759712	759709
INT-5590U	Green	759714	758474
INT-6690U	Blue	759715	759711
INT-7790U	Black	759713	759710

WATERBASE

AQUA-ONE PERFORMANCE ABLATIVE
Delivers solid season-to-season protection from barnacles, zebra mussels, slime, algae and other forms of marine fouling. The ablative action wears away with use, minimizing build up and heavy sanding. For use below the waterline in salt, brackish, and fresh water. Apply on power or sail, fiberglass, wood, and properly primed metal hulls. Not for use on aluminum.

RED YBE149 | GREEN YBE159 | BLUE YBE169 | BLACK YBE179

Part#	Color	Quart	Gallon
INT-YBE149	Red	759724	759720
INT-YBE159	Green	759725	759721
INT-YBE169	Blue	759726	759722
INT-YBE179	Black	759727	759723

ABLATIVE COPPER FREE & ALUMINUM SAFE

MICRON CF with Biolux® and Econea™
- Copper Free, multi-seasonal antifouling paint
- Suitable for all boats in all waters and all substrates including aluminum
- Bright colors including shell white
- Reduced drag and reduced solvent emissions
- All the benefits of Micron Technology

BLUE YBD100 | RED YBD102 | BLACK YBD103 | SHELL WHITE YBD104 | GREEN YBD101

Part#	Color	Gallon
INT-YBD100GL	Blue	749090
INT-YBD102GL	Red	749092
INT-YBD103GL	Black	749094
INT-YBD104GL	Shell White	749095
INT-YBD101GL	Green	749093

PACIFICA PLUS with Biolux® and Econea™ Dual Biocide Antifouling
- For use on all boats including fiberglass, aluminum, wood & steel and can be used in all waters.
- Econea® wards off barnacles and zebra mussels
- Biolux® technology boosts antifouling performance
- Available in Black and grey pints for aluminum outdrives

GREEN YBB2611 | RED YBB2621 | BLUE YBB2601 | BLACK YBB263 | GRAY YBB264

Part#	Color	Pint	Gallon
INT-YBB2611	Green		739503
INT-YBB2621	Red		733348
INT-YBB2601	Blue		733347
INT-YBB263	Black	748307	733349
INT-YBB264	Gray	748308	

TRILUX® 33 Aerosol
For aluminum outboards, outdrives and aluminum hulls in underwater areas. Biolux technology. For use in fresh, salt and brackish water. Apply after Primocon Primer. Covers 22 sq. ft.

Part#	Color	Order#
INT-YBA063A16	Black	733333
INT-YBA064A16	Gray	736891
INT-YBA068A16	White	733334
INT-YPA985	Primocon	154825

HIGH COPPER ABLATIVE

NAUTICAL

PROGUARD ABLATIVE
- Reliable performance at an excellent value
- Reduced paint build-up
- Season-long protection in moderate to high fouling waters
- Compatible over most antifouling paints
- Lov V.O.C.

RED NAU992 | BLACK NAU993

Part#	Color	Gallon
INT-NAU992GL	Red	750644
INT-NAU993GL	Black	750645

HARD ABLATIVE

FIBERGLASS BOTTOMKOTE® NT (New Technology)
- Dual Resin Technology (both ablative and hard antifouling)
- Very durable, prevents premature wear-through
- Slow polishing effect that keeps the hull clean and smooth
- Fast drying (paint and launch the same day)
- Universal for most substrates (excluding aluminum)

RED YBB349 | GREEN YBB359 | BLUE YBB369 | BLACK YBB379

Part#	Color	Quart	Gallon
INT-YBB349	Red	736756	736750
INT-YBB359	Green	736758	736751
INT-YBB369	Blue	736759	736042
INT-YBB379	Black	736052	736754

ABLATIVE ANTIFOULING

Vivid Bright Colored Ablative Antifouling. Protective coating resistant to slime, algae, barnacles and other marine fouling. Dual biocide offers unprecedented control over all types of fouling even in the most severe fouling areas. When used over the recommended priming system, vivid can safely be used on aluminum hulls and outdrives.

1161 WHITE | 1261 BLUE | 1361 GREEN | 1461 YELLOW | 1661 RED | 1861 BLACK

Part#	Color	Quart	Gallon
PET-01161	White	156843	156839
PET-01261	Blue	156844	156840
PET-01361	Green	166860	166859
PET-01461	Yellow	165389	165388
PET-01661	Red	156845	156841
PET-01861	Black	156846	156842

Horizons Affordable Ablative Technology.
The paint wears away over time, eliminating paint buildup and cracking. Multi-season protection, excellent for trailered boats, rack stored and winter storage. Copper level: 40.5% with Clean Core Technology.

1250 BLUE | 1350 GREEN | 1650 RED | 1850 BLACK

Part#	Color	Gallon
PET-01250	Blue	145732
PET-01350	Green	145733
PET-01650	Red	145734
PET-01850	Black	145735

Seamate Soft Copper Antifouling Paint

1625 RED | 1825 BLACK

Part#	Color	Gallon
PET-01625GL	Red	149413
PET-01825GL	Black	149414

Copper level: 25% with Clean Core Technology.

Hydrocoat Eco Copper Free Water Based Multi-Season Ablative
Easy application and cleanup with soap and water. Water-based, copper-free, self-polishing. Co-polymer ablative technology eliminates sanding and paint build-up. Dual-biocides provide outstanding multi-season protection in all conditions. Use over all other recreational antifoulings, all substrates and all underwater metals including aluminum.

1104 WHITE | 1204 BLUE | 1304 GREEN | 1604 RED | 1804 BLACK

Part#	Color	Quart	Gallon
PET-01104	White	751385	751380
PET-01204	Blue	751386	751381
PET-01304	Green	751387	751382
PET-01604	Red	751388	751383
PET-01804	Black	751389	751384

Hydrocoat Ablative Antifouling Finish
The ideal combination of performance with an environmentally responsive, easy-to-apply ablative antifouling. This solvent-based product uses water to efficiently transfer the paint to your boat. The end result is a durable finish with easy clean-up and minimal odor.

1240 BLUE | 1340 GREEN | 1640 RED | 1840 SEARAY BLACK

Part#	Color	Quart	Gallon
PET-01240	Blue	136844	136843
PET-01340	Green	136850	136849
PET-01640	Red	136846	136845
PET-01840	Black	136848	136847

Neptune5 Hard Hybrid Thin Film Antifouling
Durable, smooth, thin-film finish resists build up. Easy to apply and safer to use. Simple soap and water clean up. Compatible over all bottom paints.

1243 BLUE | 1343 GREEN | 1643 RED | 1843 BLACK

Part#	Color	Quart	Gallon
PET-01243	Blue	756791	756786
PET-01343	Green	756792	756788
PET-01643	Red	756793	756789
PET-01843	Black	756794	756790

ABLATIVE ANTIFOULING

Ultima Eco Combines the breakthrough, metal-free Econea™ biocide with a powerful slime fighting agent for dual-biocide, multi-season protection. This copper-free formula can be safely used on all substrates, including aluminum. Can be used on almost all previously painted surfaces in good condition. Good for use on lower units, outdrives and trim tabs.

1108 WHITE | 1208 BLUE | 1608 RED | 1808 BLACK

Part#	Color	Quart	Gallon
PET-01108	White		739907
PET-01208	Blue		739906
PET-01608	Red		739905
PET-01808	Black	739764	739456

Black available in pint

Ultima SR 40 High copper load (40%) combined with Irgarol to offer outstanding dual biocide, multi-season control in all types of fouling. Can be hauled and re-launched without repainting. It's ablative surface minimizes coating build-up to keep underwater surfaces smooth.

1092 BLUE | 1093 GREEN | 1096 RED | 1098 BLACK

Part#	Color	Gallon
PET-01092	Blue	171998
PET-01093	Green	171999
PET-01096	Red	172000
PET-01098	Black	172001

Ultima SSA An economical, yet extremely effective ablative bottom paint. Excellent antifouling protection with an ablative surface that makes it an excellent choice for both power and sailboats. 1 or 2 coats per season are recommended for optimal performance.

1281 BLUE | 1381 GREEN | 1681 RED | 1881 BLACK

Part#	Color	Quart	Gallon
PET-01281	Blue	164969	164966
PET-01381	Green	169506	169505
PET-01681	Red	164971	164967
PET-01881	Black	164972	164968

HARD ANTIFOULING

Unepoxy Plus Hard Epoxy for Heavy Fouling Conditions
An affordable, all-purpose antifouling paint which can be applied over existing antifouling. 45.7% Copper with Clean Core Technology.

1218 BLUE | 1318 GREEN | 1618 RED | 1818 BLACK

Part#	Color	Gallon
PET-01218GL	Blue	126334
PET-01318GL	Green	126346
PET-01618GL	Red	126363
PET-01818GL	Black	126388

Unepoxy Standard Hard Epoxy for Moderate Fouling Conditions
Built for the long season, all purpose antifouling paint which can be applied over existing antifouling. Copper level: 33.3% with Clean Core Technology.

1228 BLUE | 1328 GREEN | 1628 RED | 1810 BLACK

Part#	Color	Quart	Gallon
PET-01228	Blue	126337	126336
PET-01328	Green	142140	126348
PET-01628	Red	126368	126367
PET-01810	Black	126386	126385

Trinidad SR Hard Epoxy, Strongest Copper Antifouling
Reduces soft growth and slime. Out performs all other hard antifoulings. Copper level: 60% copper and 2% Irgarol with Clean Core Technology.

1277 BLUE | 1377 GREEN | 1677 RED | 1877 BLACK

Part#	Color	Gallon
PET-01277GL	Blue	138859
PET-01377GL	Green	138861
PET-01677GL	Red	138860
PET-01877GL	Black	138862

Sea Hawk Paints, established in 1978, are made with care and attention to every detail. Every gallon is inspected before it leaves our facility to ensure that it meets our stringent quality control requirements. We are a family owned and operated business, American made, with a commitment to excellence in our products, service and customer satisfaction. Sea Hawk products really do work better!

BLACK RED DK BLUE
GREEN TEAL BLUE

Monterey Water-Based Ablative Antifouling Bottom Paint

Low VOC's and highest grade of cuprous oxide (55%). Harder ablative finish that lasts longer. Better color consistency for color matching. Consistent viscosity, better flow and rolling ability. May be applied over other ablative anitfoulant paints

Color	Quart	Gallon
Black	750212	749285
Blue	750209	749283
Dark Blue	750206	749281
Green	750211	749284
Red	750208	749282

AF-33 Multi-Season Ablative Antifouling Bottom Paint

33% cuprous oxide. Hard, self-polishing ablative finish. Economical multi-season protection. Better color consistency for color matching. Consistent viscosity, better flow and rolling ability

Color	Quart	Gallon
Black	749687	749279
Blue	749688	749277
Dark Blue	749691	749275
Green	749690	749278
Red	749689	749276

sHAWKocon Underwater Primer

Fast drying below-the-water anti-corrosive primer. Conversion/sealer coating to prevent cracking. Barrier/sealer to prevent leaching. Prevents bleeding from underlying antifouling paint.

Size	Order#
Quart	749320
Gallon	749300

Tuff Stuff 2-Part Epoxy Primer

Use over blistered fiberglass and as a repair coat. Protects metals from corrosion. Highest build epoxy, fewer coats needed. Excellent for priming props, shafts, keels, trim-tabs, thru hulls and lower units. Prevents bleeding from underlying antifouling paint. Reduced labor and less haul out time.

Color	Low Voc 1 Gallon Kit	2 Quart Kit	2 Gallon Kit
Gray	761003	749287	749286
White	761004	749530	749529

Reducing Solvent

SHK-2044GL **Order# 749310**

Barnacle Blocker

Zinc-free aerosol spray for use on underwater metals including steel, cast iron, copper, bronze, galvanized steel, lead, and aluminum. Self-cleaning anti-corrosive primer. 12 oz. SHK-505A **Order# 759767**

Smart Solution Metal-Free Antifouling Bottom Paint

Environmentally friendly, copper and metal-free. Slick film when launched. Can be used over existing antifoulants.

Color	Pint	Quart	Gallon
White		750617	749291
Black	749491	749489	749290
Gray	750213		
Bright Blue			749289
Bright Green			745116
Bright Red			749288
Dark Blue			749292

Talon Single Season Semi-Hard Hybrid Ablative Paint

Copper based. Consistent viscosity. Can be applied over other modified epoxy antifouling paints. For use in fresh or saltwater

Color	Quart	Gallon
Dark Blue	752762	752756
Red	752763	752758
Blue	752764	752759
Green	752765	752760
Black	752766	752761

Cukote Self-Polishing Copolymer Antifouling Paint

47.5% cuprous oxide. Harder ablative finish; ideal for fast moving vessels. May be taken in and out of water without affecting antifouling characteristics. Does not contain any organotin compounds (TBT). Use on steel, fiberglass and wood vessels below waterline.

Color	Order#	Color	Order#
Shark White	749267	Dark Blue	749269
Black	746181	Green	749271
Light Blue	749274	Red	749273
		Teal	749272

Biocop TF Advanced Dual Biocide Antifouling Paint

Maximum protection available. Harder self-polishing boosted ablative antifoulant. Multi-Season performance in fresh or saltwater. Approved for vessels of all sizes.

Color	Order#	Color	Order#
Red	749311	Black	749313
Light Blue	749476	Green	749314
Dark Blue	758022	Teal	749315 N

Biocop TF Slime Fighter Additive

May be used individually as a complete dual-biocide solution or as a booster to our copper-based antifouling products. Pint.

Color	Order#	Color	Order#
Gray	757697	Light Blue	759923
Red	759922	Black	759924

AQUAGARD Bottom Gard

An ablative antifouling bottom paint suited for fiberglass and wooden boats. It features a solvent-based ablative action to repel barnacles and other growth. Exceptional value with outstanding performance. Gallon.

Part#	Color	Order#
FXB-60101GL	Black	733294
FXB-60103GL	Blue	733295
FXB-60102GL	Red	733296

AQUAGARD UltraGard Premium Antifouling Paint

For fiberglass, steel & wooden boats. EPA approved. High copper load, 37.5%. Full season ablative protection. Ablative action repels barnacles and other growth. Can be applied over most other antifoulings. Gallon.

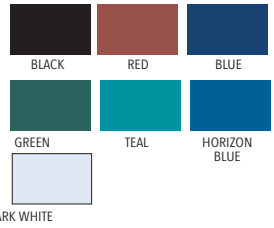
Part#	Order#
Black	759781
Red	759787
Blue	759786

AQUAGARD Waterbase Ablative Antifouling Bottom Paint

Specifically designed for fiberglass and wooden boats. Rolls onto surfaces easily and dries quickly for outstanding results. Cleans with soap and water. Repels barnacles and other growth. Should be applied in multiple coats for multi-season bottom protection. Can also be used on inflatable boats without the use of a primer.

Quart Gallon 2 Gal

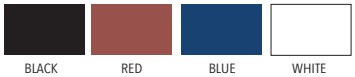
Color	Quart	Gallon	2 Gallon
Black	175133	174171	174175
Red	175134	174172	174176
Blue	175135	174173	–
Green	175136	174174	–
Teal	175137	175140	175145
Horizon Blue	175138	175141	175147 N
Shark White	175139	175142	175148 N



AQUAGARD Alumi-Koat Antifouling Paint

Waterbased. Designed for use on aluminum, steel, and other non-ferrous metals such as aluminum hulls and pontoons. Scientifically formulated for superior adhesion properties. Includes ablative technology to repel barnacles and other marine growth. Quarts

Part#	Color	Order#
FXB-70001QT	Black	175175
FXB-70002QT	Red	175176
FXB-70006QT	Blue	175177
FXB-70007QT	White	175178



AQUAGARD Alumi-Koat Spray

EPA approved! Designed for coating outdrive and outboard motor lower units. 12 oz.

Color	Order#
Clear	170565
Black	175157

AQUAGARD Anti-Fouling Transducer Paint

Provides a barrier to inhibit the growth of algae. Ideal for use on nylon transducers. Aids in improving depthsounder and fishfinder performance. Easy application, just spray and let dry. Helps protect expensive electronics. Repels barnacles. 6 oz. can. FXB-72201 **Order# 175308**

AQUAGARD Mooring Line Antifouling Paint

Prohibits algae, fungal growth and other marine fouling organisms. Simple application just dunk it! UV protection. Red.

Part#	Size	Order#
FXB-51202	2 Gallon	731877 N
FXB-51502	5 Gallon	758626 N

AQUAGARD Water-Based Inflatable Bottom Paint

This enviro-friendly ablative bottom paint inhibits and repels barnacles and other marine growth. Superior adhesion, no primer required. The flexible coating will not crack even when the boat is deflated and rolled. Use on hypalon, PVC or vinyl boats. Even after extended haul-out, it retains its original anti-fouling properties. Light Gray. Quart.
FXB-90007QT **Order# 733526**

AQUAGARD Commercial Enamels

Industrial-grade alkyd. Ideal for decks, topsides and general maintenance areas.

Color	Quart	Gallon
Black	742183	742171
Red	742184	742172
Dark Blue	742185	742173
International Orange	742186	–
Light Gray	742175	176005
Medium Gray	742176	176006
Dark Gray	742177 N	176007
Sea Green (same as Newport Green)	742178	176008
Downeast Buff Beige	742179	729894
High Gloss White	742182	–
Flat White	742180	–
Semi-Gloss White	742181	–
Dull Dead Grass Green	742187 N	–
Duck Boat Brown	742188	–

NAUTICAL Topside Enamels

One-part professional quality interior and exterior alkyd enamels. Economical, durable, tough, chemical resistant. Excellent hide and wear characteristics. Ideal for decks, hulls and interiors in the marine environment. For fiberglass, metal or wood surfaces above the waterline, inside or out.

Color	Order#
Gloss White	750646
Semi Gloss White	750647
Flat White	750648

AQUAGARD Aqua-Gloss Waterbased Enamel

A colorfast and UV resistant enamel that offers a hard, hi-gloss finish. This abrasion and stain resistant water-based paint rolls on with ease and cleanes up with soap and water. Non-toxic fumes make this an environment friendly product. FXB-800 Quarts

Color	Order#
Red	733300 N
Royal Blue	733299
Sea Green	733303
Medium Gray	733301
White	733298
Downeast Buff	733302 N

AQUAGARD 190 Paint Primer (Waterbased)

Made for aluminum or wooden surfaces. Formulated for use with Alumi-Koat antifouling paint. Easy clean up with soap and water. Quart.
FXB-25009QT **Order# 175155**

AQUAGARD 180 Wash & Dewaxer

For cleaning bare fiberglass and aluminum surfaces. Removes grease and wax from gelcoat and aluminum. Quart. FXB-30000QT **Order# 175151**

Color differences may occur between actual paint and chips shown.

INTERDECK®

Interlux yachtpaint.com

Ready-Mixed Low Sheen, Non-Skid Finish
A tough polyurethane, low sheen coating that provides an excellent slip resistant finish. It contains a fine aggregate that applies easily on all substrates.
Quarts.

YJB000 WHITE | YJC089 CREAM | YJF684 GRAY | YJG009 SAND BEIGE | YJB923 SQUALL BLUE

Part#	Color	Order#
INT-YJB000QT	White	150908
INT-YJC089QT	Cream	150910
INT-YJF684QT	Gray	150911
INT-YJG009QT	Sand Beige	736892
INT-YJB923QT	Squall Blue	150909

BRIGHTSIDE® POLYURETHANE

Brightside® Polyurethane is a hard, high gloss one-part polyurethane topside finish. Excellent application characteristics yield that "sprayed on" look when brush applied in thin coats and is ideal for use anywhere above the true waterline. Brightside Polyurethane is easy to clean, resists staining and has great abrasion resistance.

WHITE 4359 | BLU-GLO WHITE 4259 | HATTERAS OFF-WHITE 4208 | HATTERAS OFF-WHITE (1990) 4218 | OFF-WHITE 4381 | BRISTOL BEIGE 4207 | SUNDOWN BUFF 4237 | GRAND BANKS BEIGE 4217

LIGHT BLUE 4351 | MEDIUM BLUE 4353 | LARGO BLUE 4100 | OCEAN BLUE 4253 | SAPPHIRE BLUE 4241 | DARK BLUE 4316 | FLAG BLUE 4990 | YELLOW 4152

FIRE RED 4248 | SEA GREEN 4247 | MATTERHORN WHITE 4360 | SEATTLE GRAY 4205 | KINGSTON GRAY 4190 | STEEL GRAY 4250 | BLACK 4258

Part#	Color	Quart	Gallon
INT-4100	Largo Blue	119921	
INT-4152	Yellow	119922	
INT-4190	Kingston Gray	119923	
INT-4205	Seattle Gray	119924	
INT-4207	Bristol Beige	119925	
INT-4208	Hatteras Off White	119926	
INT-4217	Grand Banks Beige	119927	
INT-4218	Hatteras Off White (1990)	119928	
INT-4237	Sundown Buff	119931	
INT-4241	Sapphire Blue	119932	
INT-4247	Sea Green	119933	
INT-4248	Fire Red	119934	
INT-4250	Steel Gray	119936	
INT-4253	Ocean Blue	119938	
INT-4258	Black	119940	
INT-4259	Blue Glo White	119942	119941
INT-4316	Dark Blue	119946	
INT-4351	Light Blue	119948	
INT-4353	Medium Blue	119949	
INT-4359	White	119951	119950
INT-4360	Matterhorn	119952	
INT-4381	Off White	119953	
INT-4990	Flag Blue	154552	

BILGEKOTE®

Bilgekote® is a fast-drying, durable coating formulated for application in bilge areas.

YMA102 WHITE | YMA100 GRAY

Part#	Color	Quart	Gallon
INT-YMA100	Gray	150312	150313
INT-YMA102	White	150549	733327

PREMIUM YACHT ENAMEL

High gloss topside marine enamels with excellent flow and hide properties. Provides excellent protection in the marine environment.

HIGH GLOSS WHITE 1 | SEMI- GLOSS WHITE 220 | FLAT WHITE 242

Part#	Color	Quart	Gallon
INT-0001	High Gloss White	119710	119709
INT-0220	Semi-Gloss White	119770	119769
INT-0242	Flat White		119779

PERFECTION

2-part polyurethane gloss finish. Superb color retention, together with excellent chemical, impact and abrasion resistance. Formulated specifically to enable amateur users to achieve professional quality results with ease on topsides, superstructure and decks.

SNOW WHITE YHB000 | MEDITTERANEAN WHITE YHA184 | MATTERHORN WHITE YHA198 | ARCTIC WHITE YHS248 | OFF-WHITE YHA192 | PLATINUM YHA183

PEARL WHITE YHS253 | CREAM YHS070 | OYSTER WHITE YHA194 | FIGHTING LADY YELLOW YHS056 | LAUDERDALE BLUE YHS936 | ROYAL BLUE YHA216

MAURITIUS BLUE YHF991 | FLAG BLUE YHK990 | ROCHELLE RED YHS299 | JADE MIST GREEN YHB663 | BLACK YHY999

Part#	Color	Quart
INT-YHB000KIQT	Snow White	165468
INT-YHB000KIHG	Snow White 1/2 GAL	165467
INT-YHA184KIQT	Mediterranean White	165461
INT-YHA198KIQT	Matterhorn White	165464
INT-YHS248KIQT	Arctic White	176269
INT-YHA192KIQT	Off White	165462
INT-YHA183KIQT	Platinum	165459
INT-YHS253KIQT	Pearl White	176268
INT-YHS070KIQT	Cream	165473
INT-YHA194KIQT	Oyster White	165463
INT-YHS056KIQT	Fighting Lady Yellow	165472
INT-YHS936KIQT	Lauderdale Blue	176270
INT-YHA216KIQT	Royal Blue	165465
INT-YHF991KIQT	Mauritius Blue	165470
INT-YHK990KIQT	Flag Blue	165471
INT-YHS299KIQT	Rochelle Red	165474
INT-YHB663KIQT	Jade Mist Green	165469
INT-YHY999KIQT	Jet Black	165460

Requires Brushing or Rolling Thinner (INT-2333QT **Order# 119900**) or Spraying Thinner (INT-2316QT **Order# 119896**) to work properly.

Flattening Agent. For 2-part paints. Quart kit.
INT-YZM914KIT **Order# 166840**

Interlux yachtpaint.com

BRIGHTSIDE® BOOTTOP ENAMEL

For striping and boottops. Hard, high gloss one part polyurethane finish. With Fluro Microadditive for easy cleaning, resistance to staining and added abrasion resistance. 1/2 Pint cans.

Part#	Color	Order#
INT-4248HP	Fire Red	154491
INT-4258HP	Black	154492
INT-4359HP	White	154493
INT-4990HP	Flag Blue	154494

Color differences may occur between actual paint and chips shown.

Interlux yachtpaint.com

VC 17M ANTIFOULING

A thin film antifouling paint for racing sailboats and powerboats that is formulated with a fluoro microadditive to reduce friction and drag. When applied, it will immediately give a hard, super smooth, racing finish that would normally take days of tiresome sanding. Quarts.

Part#	Color	Order#
INT-V107UKITQT	Red	758938
INT-V106UKITQT	Blue	759730
INT-V105UKITQT	Original	759729

PASTE WOOD FILLER STAIN

- Fills wood grain
- Stains the wood to enhance its beauty
- A great base for Interlux varnishes

BROWN MAHOGANY 42 | C.C. RED MAHOGANY 573 | RED MAHOGANY 1579

Part#	Color	Pint
INT-0042PT	Brown Mahogany	119719
INT-1579PT	Red Mahogany	119885
INT-0573PT	C.C. Red Mahogany	119867

COMPOUNDS & PUTTY

Description	Size	Order#
Seam Compound Brown, Underwater Use	Quart	119714
Seam Compound White, Above Waterline	Quart	119716
Boat Yard Bedding Compound Natural	Quart	119764
Polymeric Nonskid	1/2 Pint	119912
Polymeric Nonskid	Quart	119913
Surfacing Putty White, Above Waterline	Pint	119785
Watertight Epoxy Putty	2 Qts	154806

Slick Seam™ Caulking Compound

Made of fine waxes, pure mineral products and silicate fibers. Easy to use for any underwater seam application. No mixing or priming. Stays put no matter how much wood flexes or swells. 16oz.
DAV-730 **Order# 107306**

VARNISH

Manuf#	Description	Pint	Quart
YVA950KIT	Perfection Plus Kit		733332
60	Goldspar Satin	119728	119729
90	Original Varnish		119736
96	Schooner	119742	119743
YVA500	Schooner Gold	733328	733329
YVA502	Compass Clear	747631	747632

PRIMERS

Part#	Description	Quart	Gallon
INT-4279	Pre-Kote White	119944	119943
INT-4280	Pre-Kote Gray	119945	
INT-0404	Epoxy Primekote	119817	119816
INT-1026	Interprime Wood Sealer	119884	
NT-YPA984	Primocon Underwater	152291	152290

Interprotect 2000E:
For prevention and repair of gelcoat blistering. Universal primer for above and below the waterline. Excellent for use on underwater metals, hulls and keels. Now available in 3 gallon packaging to aid efficiencies in the boat yard.

Description	Quart	Gallon	3 Gal
Interprotect Kit Gray	119889	119888	733324
Interprotect Kit White	177297	177198	733326
Cure for 3 Gallon Kits		733325	

Interprotect HS:
High solids and low V.O.C.primer with Micro Plates® for prevention and repair of gelcoat blistering. Universal high build primer for above and below waterline. Corrosion protection for metals. Gray. Gallon Kit. INT-YPA423KITG
Order# 753155

THINNERS, SOLVENTS & ADDITIVES

Manuf#	Description	Pint	Quart	Gallon
216	Special Thinner	119766	119767	119765
433	Brush Ease Thinner		119824	
333	Brushing Liquid	119800	119801	119799
2316	Reducing Solv. F/Spraying 2-part		119896	119895
2333	Reducing Solv. F/Brushing/Rolling 2-pt		119900	
202	Fiberglass Solvent Wash		119762	119761
YMA715	Flattening Agent for 1-Part Paints		157576	
YZM914	Flattening Agent for 2-Part Paints		166840	

PAINT REMOVERS

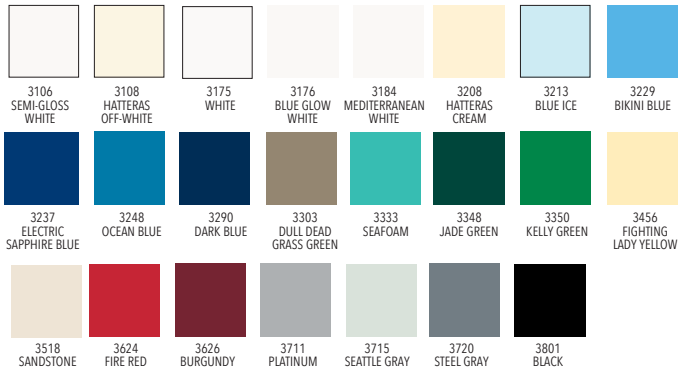
Interstrip® Paint Remover works by softening or blistering the paint allowing easy removal with a scraper. There is no need to cover up the hull after application. Unlike traditional solvent-based paint removers, it continues to dissolve the underlying paint as long as 24 hours after application. Quart.
INT-0299E **Order# 138761**

Color differences may occur between actual paint and chips shown.

PETTIT

EZ-POXY POLYURETHANE TOPSIDE

Modern, single-component polyurethane topside and deck enamel. Fortified with silicone for brilliant shine and easy brushability, with ultraviolet filters for superior gloss retention. Produces a lasting gelcoat-like brilliance with minimum of effort.



Part#	Color	Quart	Gallon
PET-03106	Semi-Gloss White	**126429**	
PET-03108	Hatteras Off-White	**126431**	**126430**
PET-03175	White	**126436**	**126435**
PET-03176	Blue Glow White	**759667**	
PET-03184	Mediterranean White	**759666**	
PET-03208	Hatteras Cream	**759668**	
PET-03213	Blue Ice	**126437**	
PET-03229	Bikini Blue	**126444**	
PET-03237	Electric Sapphire Blue	**126448**	
PET-03248	Ocean Blue	**126450**	
PET-03290	Dark Blue	**759670**	
PET-03303	Dull Dead Grass	**126453**	
PET-03333	Seafoam Green	**126456**	
PET-03348	Jade Green	**126458**	
PET-03350	Kelly Green	**126459**	
PET-03456	Fighting Lady Yellow	**761056**	
PET-03518	Sandtone	**126469**	
PET-03624	Fire Red	**126475**	
PET-03626	Burgundy	**126476**	
PET-03711	Platinum	**126488**	**126487**
PET-03715	Seattle Gray	**759671**	
PET-03720	Steel Gray	**126492**	
PET-03801	Black	**126496**	**126495**
PET-09080	Satin Additive (Pint)	**126575**	

Skidless Compound **Order# 126578 Pint**

EZ-POXY PERFORMANCE ENHANCER

For use in all Pettit high gloss solvent based topside paints: EZ-Poxy, EZ-Decks, EZ- Bilge and Varnishes. Provides exceptional durability, gloss-retention, scratch resistance and longevity. Unlike other two-part urethane, paints catalyzed with this hardener can be applied over well adhered one-part finishes. EZ-Poxy PE truly makes achieving a high quality, long lasting yacht finish easy. Half Pint (8 Oz. Can) per for one gallon of paint.
PET-0321HP **Order# 762537**

EZ PRIME

Multipurpose primer that can be applied to fiberglass, wood and previously painted surfaces. Dries quickly and easy to sand. Excellent filling properties which can be used for a full, one-coat application. Not for use below the waterline. White.

Size	Order#
Quart	**126528**
Gallon	**126527**

Z SPAR TRADITIONAL TOPSIDE ENAMEL

A traditional modified long oil alkyd enamel of exceptional all-around durability. Famous for extraordinary gloss and gloss-retention. A superb finish for all topside surfaces of wood, metal or fiberglass. Well known for its exceptionally easy, forgiving application, superb covering properties, good gloss, seasonal durability, and economical value. Not recommended for constant immersion. Semi-Gloss white.
Quart ZSP-0101QT **Order# 137740**
Gallon ZSP-0101GL **Order# 137739**

EZ-TEX 7060 REPAIR COMPOUND

For use where a high strength, waterproof, permanent repair is needed. This unique formula creates a tenacious bond to most surfaces. Its buttery consistency will not sag or shrink and is excellent for filling cracks, gouges and voids. A 1:1 ratio makes mixing easy. EZ-Tex can be sanded, drilled, tapped, sawed and painted once cured. 4 oz.
PET-710020KT **Order# 759673**

SEA GOLD WOOD FINISH

SeaGold brings marine wood finishes into the 21st century. Offering the beauty and durability of varnish, the ease of use of synthetic wood treatments, all while being low-odor and user friendly. SeaGold protects the wood using UV stable resins combined with added UV inhibitors as well as transparent pigments to provide a long lasting finish that will not turn brown or orange with exposure to the elements. SeaGold has a satin finish that enhances the beauty of the wood and its translucent amber color does not hide or blur the wood grain. Satin finish. Quart.
PET-0245QT **Order# 762536**

EZ CABIN-COAT

High performance, water-based paint specially formulated for areas that are prone to mildew. Provides a moisture resistant, mildew proof finish that will stay good-looking, bright and color-fast for years. Ideal for high humidity areas and can be used on all interior surfaces. Provides excellent adhesion to most glossy surfaces without the need for sanding. Quart

Color	Order#
Off White	**736263**
Gray	**736264**
White	**126432**

EZ-DECKS NON-SKID DECK FINISH

A super tough polyurethane non-skid performance deck finish. Produces a slip-resistant finish on all decks and cabin soles. Provides the simplest way to achieve optimum results with minimum effort. The durable weather resistant finish resists long term abrasion and abuse. Loaded with ultraviolet filters to fight against fading while offering superior color retention that will stay vibrant for years without peeling or cracking like other deck finishes.

Color	Quart	Gallon
White	**736266**	**736270**
Off White	**736267**	**736271**
Platnium Gray	**736268**	**736272**

EZ BILGE

Durable high-performance alkyd finish specially formulated to withstand boat bilges. The hardwearing finish is resistant to antifreeze, grease, gasoline, diesel fuel, and engine oil. Its tough resilient surface will stand up to years of abrasion and wear. EZ-Bilge utilizes a high-solids formula that is easy to apply by brush, roller or spray and provides excellent coverage. Gray

Size	Gray	White
Quart	**736265**	**745886**
Gallon	**736269**	**745885**

PETTIT

Varnish

Description	Type	Pint	Quart	Gallon
Captain's 1015	Gloss	137762	137763	137761
Captain's V-975*	Satin	–	137783	–
Captain's 2067	Ultra Clear	–	126415	–
Hi-Build 2056	Gloss	–	126412	–
Flagship 2015	Gloss	137766	137767	–

*interior only

Thinners & Solvents

Desc.	Quart	Gallon
Brushing Thinner #120	126599	126597
Spraying Thinner #121	126602	126600
Ablative Thinner	126605	–
Fiberglass Dewaxer	126616	126615

Old Salem EZ Wood Sealer

Seals open wood grain providing a more uniform finish under varnish or paint enamels. For all woods including teak, mahogany, oak, ash, fir and plywood. PET-02018

Size	Order#
Quart	126406
Gallon	126404

EZ-Fair 7050 Two-Part Epoxy Putty

Lightweight, two-part epoxy putty designed for filling and smoothing surface imperfections above and below the waterline. High water and chemical resistance. For fairing metal keels or any underwater surface. Use on fiberglass, wood, or metal surfaces. Non-sagging and non-shrinking. Sands to a smooth finish. Multiple coats can be applied and sanded in a single day.

Description	Order#
1-1/2 Quart Kit	741249
Cartridge	741250 N

Flex Poxy 7076 Cartridge

The thick formula allows it to fill large cavities in a single application and does not sag, run, or shrink. Flexible when cured. Bonds to all epoxies, polyester resins, metals and wood. Can be sanded, machined, cut, filed, planed, drilled, tapped, or nailed making it perfect for filling, filleting, forming, fairing, and fastening. Low odor, resistant to chemicals, and safe to use above and below the waterline. Can be molded and shaped during application. Tint with paints and stains and can be over coated by most paints and stains. PET-07076TB **Order# 741248**

EZ-Bond Bonding Epoxy

Thickened Epoxy Glue for bonding wood and composite substrates. Will not sag or run when used on vertical or overhead surfaces. Non-brittle and resists cracking. Cures at temperatures as low as 35°F. PET-07080TB **Order# 762540**

Bio-Blue Heavy Duty Fiberglass Surface Prep

A powerful blend of cleaning agents and silica grit that de-waxes, etches, cleans, and prepares bare fiberglass for painting. Solvent-free and designed to provide an easy and trouble-free method of removing unwanted contaminants, grease, wax, dirt, and mold release agents from fiberglass surfaces prior to painting. PET-0092

Size	Order#
Quart	729420
Gallon	729419

Prop Coat Barnacle Barrier

Aerosol spray protection for bare metals including steel, stainless steel, cast iron, copper, bronze, galvanized steel and lead. Forms an excellent bond to underwater metals and running gear. Can be used above or below the waterline. The dried film of Prop Coat contains 93% pure zinc. 16 oz. PET-01792SP **Order# 155013**

FORESPAR

LanoCote Prop & Bottom Antifouling Paste

Creates a surface coating that repels marine growth. Keeps props, running gear and even boat bottoms free of marine growth for up to six months. Naturally green, non-toxic and biodegradable. Can be applied when boat is in the water or on the hard. Also suitable for inflatable bottoms. 16 Oz. FOR-770035 **Order# 745394**

PRIMERS

H2 Prime Epoxy

H2Prime is a low VOC, two-part water-based epoxy primer designed for use as an adhesion promoter. When used with Bio-Blue Surface Prep 92, this non-sanding system is VOC compliant in all areas. H2Prime dries to a hard, durable coating that provides additional protection against scuffing and scratching. Extended over-coating time means easier scheduling and a lower chance of paint failure due to missed windows. As a topside primer: can be easily sanded when cured, effectively filling scratches and imperfections. H2Prime will also seal fairing or other filler work prior to top-coating or application of anti-fouling paint.

Part#	Size	Order#
PET-04740QTKT	Quart Kit	762539
PET-04740GLKIT	Gallon Kit	762538

Metal Primer

Two component self-etching type wash primer for use only on bare matels such as steel, stainless steel, cast iron, copper, bronze, galvanized steel, lead and aluminum. Can be used either above or below the water. Quart kit. PET-06455QT **Order# 126531**

Tie Coat Primer

A general purpose, chlorinated rubber primer for use on metal surfaces and as a tie coat between different types of coatings. This versatile product can be used successfully above and below the waterline. PET-06627

Size	Order#
Quart	126535
Gallon	126534

Underwater Metal Kit

Convenient sized containers of both 6455 Metal Primer and 6627 Tie Coat Primer in one package. Secifically designed for the painting of underwater metal running gear including shafts, struts, props, thru-hulls, and trim tabs. PET-06456KT **Order# 126532**

Rustlok Steel Primer

Moisture and corrosion proof primer for use on all cast iron and steel surfaces, including galvanized and stainless. Its water impervious barrier offers excellent adhesion and corrosion protection even over rusted surfaces. PET-06980

Size	Order#
Quart	126537
Gallon	126536

Pettit Protect

High Build Epoxy Priming System

Just three coats required for the prevention of gelcoat blistering and the repair of existing blisters. High film build of epoxy minimizes water absorption. Excellent resistance to chemicals, water, corrosion and abrasion. Good for fiberglass, aluminum, steel and other metals.

	Gray	White
Quart	155014	
Gallon	147797	177337

Sikkens Cetol Marine

Enhances and protects the natural beauty of wood. Provides a semi-transparent finish that repels water and prevents weathering. Cetol Lite is identical to Sikkens Cetol Marine in performance, but produces a lighter, more natural, semi-translucent satin finish; less orange in color tone. Cetol Teak is formulated with different pigments to produce a darker appearance.

Part#	Type	Size	Order#
INT-CETOL	Satin	QT	104866
INT-CETOL-LITE	Satin	QT	151076
INT-CETOLGL	Satin	GL	104867
INT-CETOLGSS	Gloss	QT	104868
INT-CETOL-TEAK	Natural Teak	QT	172615

SEMCO Teak Sealer

Lasts through the season and can be renewed without deep cleaning or stripping for years. Repels water without being slippery.

Type	Quart	Gallon
Goldtone	–	758730
Natural	130471	746964
Cleartone	130469	760212
Classic Brown	742444	–
Honeytone	742445	745836
Clear Coat	742446	–

Bristol Finish Traditional Amber Urethane

A low maintenance alternative to traditional spar varnish. Fast and easy to use. No sanding required between coats. Can be brushed, rolled or sprayed. Highest UV resistance possible in a transparent coating. Extremely durable. For interior and exterior use.

Description	Size	Order#
Traditional Amber	Quart Kit	749901
Traditional Amber	Gallon Kit	749905
Catalyst	4 oz	749907
Thinner	32 oz	749909
3-Piece Measuring Cups		749910

Le Tonkinois Varnish

Le Tonkinois (Lay-TON-kin-wah) is an all natural, environmentally friendly tung oil and linseed oil based varnish. It produces a rich, deep varnish finish that is strong and durable, yet it is very easy to apply and maintain. Light sanding after the first coat is required. Between subsequent coats, wipe down with a water dampened rag. Does not get brittle like synthetic varnishes, nor does it crack, peel or blister. It moves with the wood, while at the same time preserving a durable, water resistant finish. Allow 24 hours drying time between coats.

Description	Liter	2.5 Liter
Original	729008	740560
Gloss	164366	740503

Captain Jack's Varnish

Premium high gloss with traditional warm amber color. A combination of high quality pure phenolic modified tung oil provides excellent weathering performance and will enhance the richness and beauty of the wood with classic bright work appearance. Easy to apply, excellent brushability. Durable finish with good water resistance. Superior self-leveling properties. Extra UV protection.

Size	Order#
Pint	757921
Quart	757271

Sea Hawk

Armada Wood Preservative

If you know Dick Pulsifer and his beautiful Hamptons (Dick buys Armada by the drum) we need say no more. If not, Armada is a relatively flexible, oil alkyd resin finish. It is microporous, so the wood breathes and is translucent, allowing the color of the wood to be what it is. And it works. Also good for teak.

Type	Color	Quart	Gallon
Satin	Original	104871	141157
Satin	Clear	736653	–
Satin	Dark	736657	–
Hi-Gloss	Clear	736655	

Hand Spray Gun

Portable Professional Sprayer. No CFCs. Just fill, attach and spray!
PRE-267 **Order# 127503**

Part#	Description	Order#
PRE-268	Spray refill, 2 oz.	127504
PRE-269	Container refill, 6 oz.	127505

Bloxygen Leftover Finish Preserver

Did your finish dry out? Skin over? Thicken? BLOXYGEN is a pressurized can of inert gas that prevents finishing liquids from drying out during storage. Bloxygen uses ultra pure Argon, a powerful and natural inert gas to drive the oxygen out of your container. Simply blow the oxygen out of your container with Bloxygen and then seal the lid. The heavy, inert Bloxygen gas sinks down to block oxygen from the liquid surface. Because Bloxygen is heavier than air, it will separate the liquid surface from any air that may remain in the container. 75 uses per can.
IWD-BLOXYGEN **Order# 735589**

Dolfinite Bedding Compound

Used to bed hardware to a finished paint or varnish surface and on any wood-to-wood joints presently on the hull or cabin where gluing is not required or practical. It provides a waterproof seal, dries fairly hard and is unaffected by heat after setting up.

Color	Pint	Quart
Natural	136878	136879

EPIFANES Combi Filler

Alkyd, resin-based knifing filler. Apply in thin layers only. White. 8 oz tube. EPI-CFW-T **Order# 729409**

Pine Tar

Used in coatings for wooden decks.

Part#	Size	Order#
BIK-BPT-102PT	Pint	103266
BIK-BPT-104QT	Quart	103267
BIK-BPT-105GL	Gallon	103268

KiwiGrip Non-Skid Deck System

A revolutionary, durable, non-skid deck coating that spreads quickly and easily. When used with the included proprietary roller, it produces a beautiful, non-slip high-traction surface.

Color	1 Liter	4 Liter
White	761031	761032
Gray	761033	761034
Cream	761035	761037
Blue	761038	761039

Replacement Rollers

Size	Order#
4"	761029
9"	761030

SoftSand Non-Skid Grit Particles

Rubber-based granules specifically designed for coatings applications. These colorful particles will help provide a comfortable, skid resistant surface, and will work in most urethane, epoxy, and acrylic coatings. They can be blended together and used with paints to provide truly unique, functional and decorative coatings. Medium grade. SSN-SR101

Color	Size	Order#
Beige	1/4 Pint	756584
	Pint	756588
	Quart	756592
Black	Quart	756591
White	1/4 Pint	756583
	Pint	756587
	Quart	756590

AwlSpar Classic Spar Varnish

A phenolic tung oil varnish used for brightwork protection against water and weather. Excellent re-coatability, tough high-gloss film. For use above the waterline only. Amber color. Quart.
AWL-M3131QT **Order# 162648**

Star brite Teak Cleaner

The fastest, easiest way to clean teak and other fine woods to prepare them for oiling. Safely removes old oils and stains without the need for sanding. Cleans without harsh acids or neutralizers.

Part#	Size	Order#
STA-81416	Pint	**152693**
STA-81432	Quart	**131934**
STA-81400	Gallon	**131933**

Star brite Teak Brightener

Brightens teak and other fine woods. Highlights wood grain and enhances warm natural color. 32 oz. STA-81532 **Order# 131936**

Star brite Teak Oil

Seals and protects all fine woods. Fast-drying, high quality ingredients bring out the natural wood grain and color. Long lasting formula. Contains ultraviolet absorbers to resist weathering.

Part#	Size	Order#
STA-81616	Pint	**152694**
STA-81632	Quart	**131938**
STA-81600	Gal	**131937**

Star brite Premium Golden Teak Oil

Made from premium natural oils that are ultra-refined and chemically modified to withstand long-term exposure to salt water and harsh weather. Special high-technology additives. Gives teak a natural warm golden color.

Part#	Size	Order#
STA-85132	Quart	**131977**
STA-85100	Gallon	**131976**

Star brite Teak Care Kit

Three 32 oz bottles. Everything needed to clean, restore and protect teak in one convenient package.
STA-81202 **Order# 131931**

Nu-Teak Oil

The ultimate teak treatment. Seals, preserves, and enhances the natural appearance of teak in one easy application.

Part#	Size	Order#
MK-3616	16 oz	**123158**
MK-3632	32 oz	**123159**

Nu-Teak Cleaner

One step teak and hardwood cleaner. Easy to use and contains no acids or harsh chemicals. Will not harm fiberglass, metals, carpeting or caulking. Excellent for removing stains and weathering. 32 oz.
MK-2432 **Order# 123149**

Snappy Teak-Nu Cleaner

Teak-Nu removes rust stains, fish blood, and fuel stains from your teak. It will not soften deck seams, no hard work or bronze wool needed. 2 Quart Kit.
SNA-QTKT **Order# 732143**

ECO Teak Cleaner

High performance, concentrated teak cleaner. Contains no acid, caustic sodas and phosphates. Designed not to harm your teak, caulking, hardware or paint. 100% environmentally-friendly and represents the most advanced truly "green" teak cleaner powder in the marine industry today.
2 lb. Powder Order# 742457
1 qt. Liquid Order# 742458

Oxalic Acid Marine Wood Bleach

For use as a fiberglass hull cleaner and for cleaning teak. Brightens and cleans wood, removes rust and tarnish stains. When mixed with hot water, effectively bleaches unfinished or stripped wood quickly and easily. Excellent for removing black water spots and tannin stains in wood.
12 oz. HMC-10503
Order# 733596

Penetrol

Oil paint conditioner, makes oil-based paints spread easier and maintain paint quality, reduces paint peeling on wood and metal. An ideal matte finish for interior rustic woods, provides protective coating for metal, restores luster to faded fiberglass.

Size	Order#
Quart	**750681**
Gallon	**750828**

Owatrol Marine Deks Olje®

Say "Decks Olya"; #1 Matte ~ #2 Gloss. Fast and easy application, brush or roll it on. Use mineral spirits to clean tools and drips that are still wet. D.1 gives a rich transparent finish. All previous finishes must be removed. Wood should be clean and sanded before application. D.2 is a flexible gloss finish and should be used over D.1 for best results. OWA-DEKS

Part	Size	Order#
#1	1 Liter	**114184**
#1	2.5 Liter	**114183**
#2	1 Liter	**114186**

Teak Crystal Deck Cleaner

Granular crystals designed for the cleaning and preparing of teak decks.

Size	Order#
Quart	**135311**
1/2 Gal	**135312**

Teak Wood-Oil Sealer

A premium sealer used to enhance the natural beauty of the wood.

Size	Order#
Quart	**135314**
Gallon	**135315**

EPIFANES® Teak Oil Sealer

An impregnating oil for the maintenance and protection of teak and other oily and/or resinous types of wood. Accents the natural grain color and protects the wood from discoloration caused by weather or pollutants. Ideal for use on teak decks. Easy to apply by wide brush or lint-free cloth. 1000 ml.
EPI-TO-1000 **Order# 144874**

EPIFANES® Classic Mahogany Stain

Red/Brown. 500 ml.
EPI-MS-500 **Order# 734772**

BLUE WATER® Coal Tar Epoxy Primer

A heavy duty high build epoxy primer. Prevents rust and corrosion, has excellent adhesion and abrasion resistance, and is recommended for salt-water immersion service. Conforms with U.S. Corp of Engineer C-200 specification. Perfect for commercial marine, yacht and industrial use.
4:1 Mix. Black matte.
Coverage: approx. 128 sq. ft./gallon.
NAP-8003KGL
Order# 736674

Corroseal

Rust Converting Primer Water-based rust converter combined with an unpigmented latex paint primer. Turns rust into a barrier layer of black, non-rusting magnetite. Primer acts as a bonding agent for epoxy, enamel, acrylic, urethane or oil-based paint. Bonds exceptionally well with moisture cured urethane. Non-flammable, non-corrosive. Note: If product freezes it becomes unusable. *Cannot be shipped from October to March.*

Part#	Size	Order#
CRS-CS-32	Quart	**157075**
CRS-CS-1	Gallon	**157076**
CRS-CS-5	5 Gallon	**157077**

Ospho

One application of Ospho stops further rust action. Paint coat adheres so tightly that moisture can't penetrate to the metal. Paint lasts and protects much longer-saving you time and materials and the cost of frequent repainting.

Part#	Size	Order#
SKC-OSPHO-QT	Quart	**131087**
SKC-OSPHO-GAL	Gallon	**131086**

EPIFANES

VARNISH

Gloss Varnish
Extremely high solids content and a perfect balance of u.v. inhibitors. Used and tested in the Caribbean for many years, EPIFANES continually proves to last two to three times longer than its best competition.

Part#	Size	Order#
EPI-CV-250	250ml	**109983**
EPI-CV-500	500ml	**109984**
EPI-CV-1000	1000ml	**109982**
EPI-CV-5000	5000ml	**109985**

Wood Finish
Get the luster and protection of traditional varnish without sanding between coats! Tung oil and alkyd resin based with maximum u.v. protection. Gloss or matte finish.

Part#	Finish	Size	Order#
EPI-WFG-500	Gloss	500ml	**110045**
EPI-WFG-1000	Gloss	1000ml	**110044**
EPI-WFM-500	Matte	500ml	**110047**
EPI-WFM-1000	Matte	1000ml	**110046**

Rubbed Effect Varnish
Provides a low-sheen satin finish with excellent resistance to moisture, chemicals and abrasion while giving an air of quiet distinction to boat interiors.

Part#	Size	Order#
EPI-RE-500	500ml	**110038**
EPI-RE-1000	1000ml	**110037**

Polyurethane Varnish
A 2-part, ultra high gloss varnish. Completely clear. Superior flow, gloss and durability. High UV protection. Highly suitable for brush and spray applications.

Part#	Finish	Order#
EPI-PUCG-750	Gloss	**110031**
EPI-PUCS-750	Satin	**110032**

PP Extra Varnish
2-part high build, fast build, interior or exterior varnish for all types of wood. Insulating sealer for oily, greasy and vaporous woods such as teak and iroco. Fast drying. For exterior use, it is recommended to topcoat with two or more coats of Clear Varnish, Woodfinish Gloss or Polyurethane Clear Gloss Varnish. Quart. EPI-PPX-2000 **Order# 140168**

RapidCoat/RapidClear Wood Protector
A one-component, semi-gloss wood finish, based on modified alkyd/urethane resin with strong UV protectants. For long term protection and enhancement of all marine woods. May be applied every 5-6 hours. Three coats are sufficient for most conditions. No sanding is required between coats. 750 ML.

Part#	Type	Order#
EPI-RAPIDCOAT	Tinted Semi-Gloss	**143540**
EPI-RAPIDCLERM	Clear Matte	**168168**
EPI-RAPIDCLEAR	Clear Semi-Gloss	**147582**

THINNERS

Brush Thinner for Paint & Varnish
A pure white spirit for thinning all EPIFANES one-part paints and varnishes.

Part#	Size	Order#
EPI-TPVB-500	500 ml	**110041**
EPI-TPVB-1000	1000 ml	**110040**
EPI-TPVB-5000	5000 ml	**110042**

Spray Thinner for Paint & Varnish
A fast evaporating solvent for spray applications with all EPIFANES one-part paints and varnishes. 1000ml.
EPI-TPVS-1000 **Order# 110043**

Brush Thinner for Polyurethane
For Epifanes polyurethane paints and varnishes. Added at a ratio of 5-10% by volume to extend the wet-edge and flow time as temperature or wind conditions dictate. 500 ml.
EPI-PUTB-500 **Order# 110035**

Spray Thinner for Polyurethane
Quick drying thinner for spray applications for Epifanes polyurethane paints and varnishes. Helps the surface flash faster thereby eliminating the risk of sags or runs. Also suitable as a surface degreaser. 1000 ml.
EPI-PUTS-1000 **Order# 110036**

Brush/Spray Thinner for PP Extra Varnish
Solvent required for brush or spray applications of Epifanes PP Extra Varnish. 1000 ml.
EPI-TPPX-1000 **Order# 140169**

D601 Thinner for Epoxy Primers
Solvent required for brush or spray applications of Epifanes Epoxy Primer or Epifanes Interim Coat. 1000 ml.
EPI-D601-1000 **Order# 109986**

ADDITIVES

Accelerator for Paint and Varnish
Special resin-based additive which speeds the curing of EPIFANES one-part paints and varnishes. Not to be used with EPIFANES Monourethane Coating or EPIFANES Nautiforte. 500 ml. EPI-APV-500 **Order# 109976**

Easy-Flow Paint Retarder
Based on a selection of natural oils. A versatile, multi-purpose additive or stand alone coating. Can be added to all conventional single part and half-synthetic paints and varnishes to improve the flowing capability in any conditions. 1000 ml.
EPI-F-1000 **Order# 153461**

ACCESSORIES

Roller Frames

Part#	Handle Length	Order#
EPI-RHS	10.5"	**151098**
EPI-RHL	16.5"	**151099**

4" Roller Covers
Low-profile, high density foam. Sold by the each or the 10-Pack. EPI-RCM **Order# 151097**

BILGE PAINT

A one-component protecting paint for use in bilge spaces, engine rooms, etc. where a tough paint system is required. For use on steel, wood, fibreglass and aluminium in conjuction with the appropriate one-component primer system. 750 ML.

Part#	Color	Order#
EPI-BPG-750	Gray	**138454**
EPI-BPW-750	White	**138455**

The color of your boat travels at 186,000 miles per second.

Think fast. Think Epifanes.

Color travels at the speed of light, so your boat's new paint job stands to make an instant impression. That's all part of the thrill we've discovered in combining the classic roll-and-tip technique with Epifanes premium paints; seeing beautiful results right as the paint flows on is an amazing experience. Epifanes' expert guidance and technical support are with you every step of the way, and the final, mirror-like finish is jaw-dropping. Look for Epifanes paints and varnishes at your local chandlery, and watch our roll-and-tip video on Facebook.

AALSMEER, HOLLAND • THOMASTON, MAINE • ABERDEEN, HONG KONG
1-800-269-0961 • www.epifanes.com

EPIFANES®
Yacht Coatings

EPIFANES® Yacht Coatings

yacht enamel

Epifanes Enamel: The mirror-like gloss, color retention and intensity of this enamel surpasses the traditional. Its longevity, surface hardness and flexibility proves it is the ultimate finish for wood, and also works well on fiberglass, steel and aluminum. Epifanes Enamel is a one-component yacht coating based on modified alkyd resins.

49 colors

white	24	25	1	26	210	2	3
4	82	83	40	216	212	18	27	213	214
217	215	206	28	7	29	8	205	48	6
30	9	31	218	62	72	65	37	21	84
16	23	33	11	14	35	34	12	13	19

monourethane

Epifanes Monourethane: Years of testing and on-vessel experience have proven this unique finish to be the most advanced, highly-engineered single-component formulation, based on urethane-alkyd resins, available. It gives incredibly hard urethane abrasion and chemical resistance with outstanding gloss, durability, color retention and U.V. protection.

17 colors

MUW	3101	3125	3124	3140	3137	3126	3212
3123	3116	3168	3165	3172	3107	3129	3108	3119

polyurethane

Epifanes Polyurethane: Two-component polyester saturated aliphatic urethane coating, formulated for maximum resin depth and hardness with a long lasting mirror-like gloss. Excellent finishing coat for fiberglass, steel, aluminum and plywood. Super resistance to abrasion, weathering, chemicals and loss of gloss.

22 colors

800	804	805	841	839	803	826	831
811	821	853	852	850	854	859	879	875
814	842	845	856	801

‹((www.epifanes.com))›

Color differences may occur between actual paint and color chips shown

ENAMELS

Epifanes Yacht Enamels

Expertly formulated from the finest raw materials for the best flowing and covering properties possible. Long lasting protection in any climate. Apply by brush or spray for interior and exterior use. 750ML. EPI-YE

Color	Epifanes#	Order#
Aluminum		110098
Ultra White* (see below)		110100
Flat Black		175970
Cream	1	110052
Beige	2	110053
Wheat	3	110054
Yacht Buff	4	110055
Tropic Green	6	110056
Bright Blue	7	110057
Dark Blue	8	110058
Sea Green	9	110059
Dado Brown	11	110060
Dark Brown	12	110061
Black Brown	13	110062
Mahogany	14	110063
Bright Red	16	110065
Light Gray	18	110067
Black	19	110068
Orange	21	110069
Deep Red	23	110071
Light Oyster	24	110072
Alpine White	25	110073
Buff	26	168520
Light Gray Mist	27	110074
Water Blue	28	110075
Ocean Blue	29	110076
Teal Green	30	110077

Color	Epifanes#	Order#
Turkish Blue	31	110078
Light Brown	33	110079
Chocolate Brown	34	110080
Red Brown	35	110081
Bold Yellow	37	147419
Off White	40	110082
Light Green	48	110083
Atlantic Green	62	110084
Deep Green	65	110085
Dark Green	72	110086
Malachy Green	75	731670
Grand Banks Beige	81	749067
Downeast Tan	82	138689
Classic Buff	83	138690
Persian Red	84	140562
Endeavour Blue	86	739771
Deep Blue	205	110088
Blue Gray	206	110089
Antique Ivory	210	110090
Gray	212	110091
French Gray	213	110092
Dark Gray	214	110093
Sky Blue	215	110094
Pearl Gray	216	110095
Light Blue	217	110096
Jade Green	218	110097

All Epifanes yacht enamels can be ordered in custom colors as well as satin finishes. Please allow 5-7 days for delivery. Call for details.

***Ultra-White** larger size cans

Part#	Size	Order#
EPI-YEUW-2000	2000 ml-3/4 Gal	110099
EPI-YEUW-4000	4000 ml-1-1/2 Gal	139270

Polyurethanes

450 Colors Available!

2-component, polyester- saturated urethane coating, formulated for maximum resin depth and hardness with a long lasting mirror-like gloss. Resists abrasion, weathering and chemicals. 750ML EPI-PU

Color	Epifanes#	Order#
White	800	110009
Black	801	110010
Cream	803	110012 N
Light Oyster	804	110013 N
Alpine White	805	110014 N
Gray Mist	811	110016 N
Yellow	814	163799 N
Gray	821	110018
Buff	826	163895 N
Sand	829	110020 N
Gray Tone	831	110021 N

Color	Epifanes#	Order#
Off White	839	110022 N
Mist White	841	165202 N
Red	845	110023 N
Bright Blue	850	165760 N
Bold Blue	852	110024 N
Capri Blue	853	110025 N
Dark Blue	854	110026 N
Deep Red	856	110027 N
Green	859	110028 N
Black Green	875	110029 N

Boot Top Enamel

One component for use at the waterline. For wood, steel, fiberglass and aluminum. Outstanding gloss, weather durability and gloss retention. Freshwater and salt water resistant. 250 ml.

Color	Order#	Color	Order#
Bright Blue	743350	Black	743354
Dark Blue	748334	Jade Green	748335
Bright Red	743352	White	748336

ENAMELS

Monourethanes

Highly-engineered single-component formulation. Gives incredibly hard urethane abrasion and chemical resistance with outstanding gloss, durability, color retention and UV protection. 750ml. EPI-MU

Formulated for Fiberglass

Color	Epifanes#	Order#
White	MUW	110001
Cream	3101	109992
Bright Blue	3107	109993
Dark Blue	3108	109994
Bright Red	3116	141270
Black	3119	165759
Deep Red	3123	163277
Oyster White	3124	109996
Alpine White	3125	141310
Buff	3126	165758
Deep Blue	3129	151368

Color	Epifanes#	Order#
Yellow	3137	152490
Matterhorn White	3140	140252
Deep Green	3165	109997
Green	3168	152904
Dark Green	3172	109998
Flag Blue	3210	109999
Gray	3212	110000
Moon Dust	3242	745674
Stark White	3248	743921

Epifanes Nautiforte

High gloss, one component, yacht paint based on non-yellowing modified alkyd resin. Interior or exterior, above waterline, fresh or salt water. Use on wood, steel, aluminum and fiberglass with appropriate primer systems. Rapid wet film drying. Optimal flowing, covering and filling capacity. 750 ml.
EPI-NFW-750 **Order# 110004**

Non-Skid

One-part urethane paint, premixed with polypropylene beads. Even distribution of non-skid texture with two to three coats.

Part#	Color	Order#
EPI-NS1-750	#1 Cream	110005
EPI-NS212-750	#212 Gray	110006
EPI-NSW-750	White	110007

Polypropylene beads for 750 ml one-component paints.
EPI-PPB-20 **Order# 139279**

PRIMERS

Part#	Description	Size	Order#
EPI-FPW-750	Fiberglass Primer	750 ml	109989
EPI-EXPW-750	Epoxy Primer	750 ml	109988
EPI-MFP-750	Mono-Fil Primer	750 ml	109991
EPI-PUPW-750	Polyurethane Primer	750 ml	745657
EPI-EPW-750	Multi-Purpose Primer	750 ml	145628
EPI-EPW-2000	Multi-Purpose Primer	2000 ml	160619

Multi Marine Primer

One-part, multi-purpose tie-coat or sanding and adhesion primer for above the waterline combining all characteristics of separate substrate primers in one. Excellent adhesion to wood, fiberglass, steel, stainless steel, aluminum, galvanized metal and copper. 750ml.

Color	Part#	Order#
Gray	EPI-MMPG-750	165516
White	EPI-MMPW-750	165519

Werdol Wood Primer

One-component, air-dry primer for wood, based on alkyd resin. For both interior and exterior use on bare wood surfaces in one-component paint systems above the waterline. Excellent adhesion, build and sandability. May be applied by brush, roll or spray.

Part#	Color	Size	Order#
EPI-WPG-750	Gray	750 ml	110049
EPI-WPG-2000	Gray	2000 ml (3/4 gal)	110048
EPI-WPW-750	White	750 ml	110051
EPI-WPW-2000	White	2000 ml (3/4 gal)	110050
EPI-WPW-4000	White	4000 ml (1-1/2 gal)	138436

Another Quality

Maine Built Boat Painted with

ALEXSEAL®

Yacht Coatings

Innovation. Applied.

"I have access to many coating systems and when it came time to repaint Ciloway III, I chose Alexseal. Their quality formulas, materials, and seamless repair capabilities deliver great results."

Wayne Hamilton
Owner, Hamilton Marine

MANKIEWICZ

ALEXSEAL.COM > EU: +49 (40) 75 10 30 > USA: +1 (843) 654 7755

Visit hamiltonmarine.com for product information and to order

Chip Brushes
Inexpensive throw away brush. Great for resins, etc. Plain sanded wooden handle.

Size	Order#
1/2"	**128204**
1"	**128205**
1-1/2"	**128206**
2"	**128207**
2-1/2"	**128208**
3"	**128209**
4"	**128210**

Redtree Industries, Inc.

The Fooler Double Thick
100% natural bristles are twice as thick as chip brushes. Perfect for epoxy and poly resins, bottom paint, and industrial coatings.

Size	Order#
1"	**128211**
1-1/2"	**128212**
2"	**128213**
2-1/2"	**128214**
3"	**128215**
4"	**128216**

WOOSTER®

Derby Brush
Disposable, for utility applications: applying oil paints, sealers, glues. Gray China bristle, square trim. Tin-plated steel ferrule and plastic handle.

Part#	Size	Order#
WOR-111310	1"	**162495**
WOR-111315	1-1/2"	**162496**
WOR-111320	2"	**162497**
WOR-111325	2-1/2"	**157887**

Redtree Industries, Inc.

Matey Brush
For use with all fine finish water base paints, coatings and bottom paints. Solid tapered round polyester bristles. Chisel edge. Sanded wood handle.

Part#	Size	Order#
RED-MATEY-1	1"	**765247**
RED-MATEY-15	1-1/2"	**765248**
RED-MATEY-2	2"	**765249**
RED-MATEY-25	2-1/2"	**765250**
RED-MATEY-3	3"	**765251**

Redtree Industries, Inc.

Onyx Brush
For use with enamels, varnishes and urethanes. Fine all around performance. 100% white China bristles. Chisel edge. Clear wood handle.

Part#	Size	Order#
RED-ONYX-1	1"	**128218**
RED-ONYX-15	1-1/2"	**765243**
RED-ONYX-2	2"	**765244**
RED-ONYX-25	2-1/2"	**765245**
RED-ONYX-3	3"	**765246**

Corona Urethaner
Excellent quality brush of blended natural bristle and ox hair for applying urethane paint. Enables extra smooth flow and even leveling out.

Part#	Size	Order#
CNA-3052100	1"	**105974**
CNA-3052150	1-1/2"	**105975**
CNA-3052200	2"	**105976**
CNA-3052250	2-1/2"	**105977**
CNA-3052300	3"	**105978**

Corona Deck & Cabin
Better quality white Chinese Bristle brush with beavertail handle. For all-around smooth topside applications. Chisel trim for fine working edge.

Part#	Size	Order#
CNA-3058100	1"	**105979**
CNA-3058150	1-1/2"	**105980**
CNA-3058200	2"	**105981**
CNA-3058250	2-1/2"	**105982**
CNA-3058300	3"	**105983**
CNA-3058400	4"	**105984**

Corona Top Sail
Extra full stock for maximum coverage. Extra fine white China bristle handformed to a super sharp tip. Excellent for fine marine varnish work. Stainless steel ferrule. Unlacquered hardwood "Kaiser" style handle.

Part#	Size	Order#
CNA-3080100	1"	**105985**
CNA-3080150	1-1/2"	**105986**
CNA-3080200	2"	**105987**
CNA-3080250	2-1/2"	**105988**
CNA-3080300	3"	**105989**
CNA-3080400	4"	**105990**

Foam Brushes
Designed for enamel, latex, oil-based paints, and varnishes. Sponge-like applicator works on all smooth surfaces. Wooden handle.

Part#	Size	Order#	#/Box
JEN-0001	1"	**120583**	48
JEN-0002	2"	**120584**	48
JEN-0003	3"	**120585**	36
JEN-0004	4"	**120586**	24

Redtree Industries, Inc.

Badger Style
Natural China Bristle
Superior/Professional hand crafted varnish brush for the finest finish. Excellent for urethane and topside enamels. Clear wood pencil style handle. Cup chisel trim for sharpest cutting edge. Premium quality.

Part#	Size	Order#
RED-PTBBADGER1	1"	**147332**
RED-PTBBADGE15	1-1/2"	**147333**
RED-PTBBADGER2	2"	**147339**
RED-PTBBADGE25	2-1/2"	**147338**
RED-PTBBADGER3	3"	**147340**

Badger Style
White China Bristle
Professional quality varnish brush. Provides an excellent finish. Ideal for urethane and topside enamels.

Part#	Size	Order#
HM-PTBBADGER00	1"	**167754**
HM-PTBBADGER50	1-1/2"	**128197**
HM-PTBBADGER2	2"	**117767**
HM-PTBBADGE250	2-1/2"	**128198**
HM-PTBBADGER3	3"	**117769**

Europa Badger Brush
Soft badger-style pure China bristle. Extra fine tip. Hand formed chisel. Black lacquered hardwood special peg handle. Stainless steel ferrule.

Part#	Size	Order#
CNA-16038200	2"	**751273**
CNA-16038212	2-1/2"	**757857**

EPIFANES

Euro-Style Paint Brush
Highest quality, traditional European-styled brush. Hand set and chiseled pure Chinese boar bristle. Each hair is split to produce optimum softness. Old world quality for those who demand the best working tools.

Part#	Size	Style	Order#
EPI-BR-10	3/8"	Round	**109981**
EPI-BR-14	1/2"	Round	**144185**
EPI-BR-18	3/4"	Round	**170374**
EPI-BF-50	1-1/2"	Full	**109977**
EPI-BF-55	2"	Full	**109978**
EPI-BF-65	2-1/2"	Full	**109979**
EPI-BO-50	2"	Oval	**141040**

WOOSTER

Lintless Roller Covers

1/8" yellow foam for a lintless finish. Use with oil-based paints enamels and varnishes on smooth surfaces. Strong paper core. 2 pack.

Part#	Size	Order#
WOR-R7303	3"	739454
WOR-R7309	9"	760467

Foam Roller Covers

Size	Order#
3"	120588
9"	120587

Professional Fiberglass Rollers

Oven-baked phenolic core. Designed for fiberglass application. Woven mohair, 1/4" nap for smooth surface. Even pick-up and release. May be used for paint if a short nap is desired.

Size	Order#
3"	138430
7"	117946
9"	117947

Glossdel White Lintless Rollers

Designed for use with high gloss, semi-gloss & egg-shell finish paints. Good for all oil/alkyd paints. Solvent resistant core.

	Size	Nap	Order#
Smooth	7"	1/4"	144674
Smooth - Semi Smooth	7"	3/8"	144673

Paint Mate Rollers

Good for all paints. Flat or gloss finishes, latex or oil. 100% polyester. Solvent resistant core.

	Size	Nap	Order#
Smooth - Semi Rough	7"	3/8"	138429
Semi Rough - Rough	9"	1/2"	141481
Smooth - Semi Rough	9"	3/8"	138427

Ultra Weave Roller Covers

Exclusive woven Dralon Acrylic blend. Ultra high-density for super smooth finishing. Lint free, low splatter. Epoxy-set on super strong, solvent resistant standard diameter phenolic cores.

Part#	Size	Nap	Order#
CNA-R525F9	9"	3/16"	762574
CNA-R530F7	7"	3/8"	762575
CNA-R530F9	9"	3/8"	762576

7" Fiberglass Rollers

WEST SYSTEM

Disposable rollers for West System epoxies. Great for wetting out reinforcing fabrics, and for paint and varnish applications over epoxy coated surfaces.
GOG-800-2 **Order# 115632**

Epoxy-Pro Foam 7" Rollers

HMF-ROLLER-7FM
Order# 144797

WOOSTER

Candy Stripe Mohair Roller Cover

Made from shed resistant mohair fabric. Suitable for all oil based paints, enamels, urethanes and epoxies. 1/4" nap. Phenolic core.

Size	Order#
7"	147219
9"	136910

WOOSTER

Pro Tiz™ Economy Trim Rollers

Non-beveled ends, plastic endcaps, wire frame and handles.

Description	Width	Nap	Order#
Lint Free Foam	3"	3/16"	738969
Shed-Resistant Fabric	3"	1/4"	738968

EPIFANES

4" Roller Covers

Low-profile, high density foam. Sold by the each or the 10-Pack.
EPI-RCM **Order# 151097**

ArroWorthy

Mini Roller Covers

1-1/4" diameter

Type	Description	Order#
Foam	4" 10 pack	151925
Foam	4" 2 pack	151923
Foam	6.5" 10 pack	152044
Foam	6.5" 2 pack	151930
Lamdel	6.5" 2 pack	732578

Redtree Industries, Inc.

Mohair Mini Roller Covers

For all paints, industrial coatings and bottom paints. Solvent resistant. 2 pack. 4" long, 1/2" nap. RED-36026
Order# 173806

WOOSTER

Pro Doo-z Roller Cover 2-Pack

Shed-resistant for the smoothest professional finish. Stays resilient and resists matting. Use with all paints, enamels, primers, and adhesives. High-density white fabric with a golden pinstripe. 3/8" nap. Open 3/4" core.

Size	Order#
4-1/2"	740940
6-1/2"	740941

Roller Handle Extensions

Wooden handle with metal threads.

Length	Order#
48"	138510
72"	138511

UltraSmooth™ ReeechIt™ Combo 14"

14" frame, 3/8" nap, 6" high density super smooth foam cover. For super fine finishing with paints, enamels, varnish & marine coatings on smooth surfaces. CNA-CR8406
Order# 751050

ArroWorthy

Mini Roller Frames

1-1/4" diameter

Roller Size	Handle	Order#
4"	10"	151926
6.5"	11"	732400
6.5"	22"	732401

WOOSTER

Jumbo Koter Roller Frame

Solvent-resistant plastic cage, extra-smooth rolling action. Chrome-plated 1/4" shank. Full-size polypropylene grip with reinforced threads. Works with both 4-1/2" and 6-1/2" rollers. WOR-RR013
Order# 738866

ArroWorthy

Roller Frames

Duty	Size	Cage	Order#
Regular	3"	4	138504
	4"	4	139534
	7"	4	138505
	9"	4	138506
Heavy	7"	5	138507
	9"	5	138508

WOOSTER

Magikage™ Ninety 7" Roller Frame

Sturdy 5-wire cage, nylon endcaps, chrome-plated 5/16" shank, 90° angle. Full-size polypropylene grip with reinforced threads. 7" x 15".
WOR-R016-7 **Order# 748990**

WOOSTER

Acme 3" Roller Frame

Economical 4 wire cage and plastic endcaps. Chrome plated 1/4 " shank. Plastic threaded grip. WOR-F00093
Order# 739455

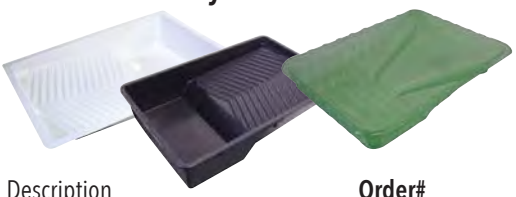
3-Piece Paint Roller Kit

Kit includes metal tray, 9" roller frame and woven mohair cover with 3/8" nap. HDW-9SS
Order# 157743

Metal Roller Tray

Heavy duty metal. HM-72008259
Order# 138503

Plastic Roller Trays



Description	Order#
Deepwell tray liner	756785
Professional deepwell heavy-duty	147342
9" economy	121288

Disposable Roller Tray Liner

9" Plastic Liner Only. HM-72008257
Order# 138502

EPIFANES

Plastic Roller Tray

Varnish roller tray for 3" or 4" rollers.
Order# 151096

Mighty Mini Painting Kit

Includes plastic tray, 4" roller frame, two foam roller covers and a pair of gloves.
Order# 151922

Mighty Mini Roller Tray

For use with a 4" roller.
Order# 163015

Brush Cleaning Comb

Helps preserve brush life. Keeps filaments and bristles straight. HDW-6008
Order# 171056

EPIFANES

Plastic Brush Keeper

Stores your brushes for later use. Holds 8 brushes so the head can be covered with cleaner and stored. *Brushes not included.* EPI-BK-1 **Order# 150065**

Mixing Tubs

Oversize tubs have extra room to prevent spilling.

Size	Description	Case Qty	Order#
1 oz	Plastic	250	177177
2 oz	Plastic	500	176996
3.25 oz	Plastic	200	177178
8 oz.	Plastic	500	166530
16 oz.	Plastic	500	173875
1 Quart	Plastic	300	121299
1 Quart	Paper	500	121297
2.5 Quart	Plastic	100	121304
2.5 Quart	Paper	200	121301
5 Quart	Plastic	50	121306
5 Quart	Plastic w/Hndl	24	121291
10 Quart	Plastic w/Hndl	–	121294

Mixing Tub Liners & Lids

Size	Description	Order#
1 Qt	Plastic Lid	174191
2.5 Qt	Plastic Lid	150528
5 Qt	Plastic Lid	156976
5 Qt	Plastic Liner	121290
5 Qt	Plastic Liner w/Roller Grid	154131

TRIMACO

Mesh Tack Cloths

Pick up all traces of dust, dirt, and particles left by sanding. Does not mar surface. Can be used over again and doesn't dry out. 18" x 36". **Order# 115400**

Standard White Tack Cloth

Removes dust from wood, metal and fiberglass. Ideal for preparing surfaces for painting, staining and varnishing. Size: 18 x 36". Material: 100% cotton.
Order# 757803

Crystal Tack Cloth

Tack cloth- 24 x 36 special crystal.
Order# 748460

Hand-Masker™ Dispenser

Dispenses either rolls of paper or film with masking tape applied; for masking large areas. MMM-77385
Order# 735875

3M

Tape & Drape Masking Film

Trimacos Tape & Drape Pre-taped Masking Film is perfect protection for use in areas where straight lines are needed! - Tape is applied along one edge of high-density masking film. 24" x 30 yards. DCM-396590
Order# 750397

TRIMACO

Paint Strainers

Mesh	Order#
Fine	754102
Medium	115398

Wiping Rags

100% cotton, t-shirt material rags.

MADE IN THE USA

Size	Color	Order#
1 Lb Bag	Multi	752852
4 Lb Brick	Multi	752853
1 LB Bag	White	752849
4 LB Brick	White	754248
10 LB Box	White	752850

Knit T-Shirt Rags

Cut in usable sized pieces, machine washable. Ideal for staining and varnishing. White. Sold by 50 lb box only. BUF-10525
Order# 168467

Scott Shop Towels

Disposable & absorbent. 55 count roll. Blue. HTV-570978
Order# 167958

Disposable Drop Cloths

Water resistant so moisture will not seep through. Most commonly used as a disposable track mat for the oil industry. Helps protect carpets from dirt and grime. Great for covering floors during painting or furniture during transit. Blue or green, colors vary. 40" x 72". HM-NWP356
Order# 172613

cover guard every way protection

Cover Gard

Provides temporary protection for expensive finished surfaces such as decks, bulkheads, carpeting, equipment, etc. Slip resistant, fire retardant, and waterproof. Simply roll out, cut as needed and tape seams together.

Size	Thickness	Order#
36" W x 100'	10 mil	748958
36" W x 393'	10 mil	729832
36" W x 360'	13 mil	750345

800-639-2715

233+ Performance Masking Tape

Indoor or single-day outdoor masking tape. Highly conformable tape.

Model#	Size	Order#
26332	1/2" x 60 yds	**150418**
26334	3/4" x 60 yds	**150419**
26336	1" x 60 yds	**150421**
26338	1-1/2" x 60 yds	**150422**
26340	2" x 60 yds	**150423**

Precision Masking Tape

Engineered to deliver highest quality edge. Acrylic adhesive improves UV Resistance. Light green.

Model#	Size	Order#
06526	3/4" x 60 yds	**751338**
06620	1" x 60 yds	**751530**
06527	1-1/2" x 60 yds	**751339**
06528	2" x 60 yds	**751529**

218 Fine Line Green Tape

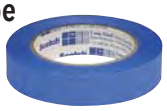
Provides the finest color line separation available. Easy to stretch and tear. Not for extended outdoor use.

Model#	Size	Order#
04698	1/2" x 60 yds	**123313**
04699	3/4" x 60 yds	**123314**
04700	1" x 60 yds	**123315**
04701	2" x 60 yds	**123316**

2020 Tan Masking Tape

2" x 60 yards tan masking painter's tape. MMM-71108
Order# 749342

2090 Long-Mask™ Blue Tape



Removes cleanly without adhesive transfer or surface damage for up to 14 days, even in direct sunlight.

Model#	Size	Order#
06817	.70" x 60 yds	**123369**
06818	.94" x 60 yds	**123370**
06819	1.41" x 60 yds	**123371**
06820	1.88" x 60 yds	**123372**

2080 Scotch-Blue™ Delicate Surface Tape

Removes cleanly without adhesive transfer or surface damage for up to 60 days - even on glass exposed to direct sunlight. 60 yd rolls.

Size	Order#
.94"	**167441**
1.41"	**167442**
1.88"	**167443**

MTY Yellow Masking Tape

Industrial strength and sticks instantly to most surfaces including metal, rubber, glass and plastic. Waterproof backing and UV resistance permits up to 3 day outdoor and 10 to 15 day indoor clean removal. Not suitable for delicate surfaces. 54.7 yd rolls.

Part#	Size	Order#
ISA-556740	3/4"	**761005**
ISA-556771	1-1/2"	**761006**
ISA-563199	2"	**761007**

Frog Tape

Frog tape is the only pro painter's tape that is treated with paintblock during the manufacturing process, when latex paint comes into contact with frog tape, paintblock instantly activates & creates a micro barrier, sealing the tape edges.

Size	Order#
.94" x 60 yds	**901430**
1.41" x 60 yds	**901431**
1.88" x 60 yds	**901432**

Duct Tape

Not for use on flues or chimneys.

Color	Size	Order#
Silver	2" x 60 yds	**123377**
White	2" x 60 yds	**135568**
Clear	2" x 15 yds	**171453**

Duck Tape®

All-purpose, Dura-Bond™ construction. Very high durability, adhesion and strength. 1.88" x 60 yds. DUC-394475 **Order# 733273**

White Duck Tape®

Great for repairs, color coding, crafts. 1.88" x 20 yds. DUC-392873
Order# 733274

Double Sided Duck Tape®

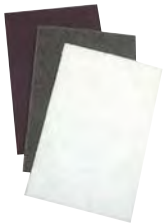
Premium adhesive on both sides. Tears easily. 1.41" x 12 yds. DUC-240200
Order# 753881

Non-Skid Tape

Provides a non-slip surface for heavy traffic areas. Ideal for boat decks, around pools, bath tubs and showers.

Width	Color	Order#
1"	Black	**147894**
1"	White	**115231**
2"	Black	**147896**
2"	White	**115232**
4"	Black	**147897**
4"	White	**115233**

ScotchBrite™ Pads



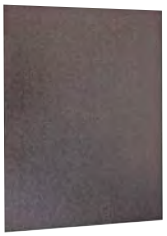
Used for light scouring, blending, scuffing and stripping. May be washed for repeated use. Each pad is 6" x 9".

Model#	Description	Order#
07445	Light Duty	**123383**
07446	Medium Duty	**123384**
07447	General Purpose	**123385**
07440	Heavy Duty	**142057**

ScotchBrite™ General Purpose Scuff Sponge

Sponge laminated on both sides with maroon Scotch-Brite™ material. Will never rust & can work with either water or solvent.
MMM-07441 **Order# 171219**

Waterproof Sandpaper



9" x 11" Sheets

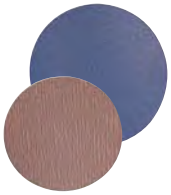
Model#	Grit	Order#
48555	P220B	**735662**
48553	P320B	**735661**
48549	P800B	**735658**
48550	P600B	**735659**
48552	P400B	**735660**
48547	1200A	**735656**
48548	1000A	**735657**

A275 Champagne Sandpaper

9" x 11" Sheets

Model#	Grit	Order#
31626	320	**739710**

PSA Sanding Discs



6" Discs

Model#	Grit	Order#
48576	600B	**735640**
48583	220B	**735643**
48591	36E	**735648**

8" Discs

Model#	Grit	Order#
48594	80E	**735649**

55 Series Indasa Whiteline Aluminum Oxide Discs

Fits many 5" orbital sanders. Hook & loop. 50 discs/Box.

5" - 8 Hole White

Grit	Order#
150C	**739809**
180C	**757574**
220C	**757575**
100D	**739807**
400D	**754562**
80D	**739474**
60D	**739806**
40D	**739805**

Indasa Whiteline Rhynostick Aluminum Oxide Plus Lubricant

With self adhesive backing. 2-3/4" x 27.5 yard roll.

Grit	Order#
400C	**736336**
36D	**736326**
40D	**736327**
60D	**736328**
80D	**736330**

Indasa Rhynodry Redline Aluminum Oxide Plus Lubricant

8" self-adhesive sandpaper discs, no holes. 50/box.

Grit	Order#
36E	**737093**
80C	**758706**

Surface Sanding Sponge

Fine grade 320-400. Provides flexibility and conformability to allow for sanding by hand in areas inaccessible to machine sanders. Use wet or dry when sanding on wood, fiberglass/gelcoat, marine paints, metals and plastics. 4-1/2" x 5-1/2".
MMM-06965 **Order# 747275**

3M 9" x 11" Sandpaper

Production Paper - Brown

Open coat aluminum oxide. Dry sanding only, by machine or hand on fiberglass, wood or metal.

Model#	Grit	Sheets/ Sleeve	Order#
02119	36D	50	**123290**
02118	40D	50	**123289**
02116	60D	50	**123287**
02115	80D	50	**123286**
02114	100C	100	**123285**
02113	120C	100	**123284**
02112	150C	100	**123283**
02104	180A	100	**123281**
02103	220A	100	**123280**

Wet or Dry Tri-M-Ite

For wet or dry sanding old finishes, fine feather edging and surface work. 9" x 11". 50 sheets per sleeve.

Model#	Grit	Order#
02017	100C	**123276**
02016	120C	**123275**
02015	150C	**123274**
02014	180C	**123273**
02007	220A	**123272**
02006	240A	**123271**
02005	280A	**123270**
02004	320A	**123269**
02002	400A	**123267**
02001	500A	**123266**
02000	600A	**123265**

3M Rubber Sanding Block

Uses standard 9" x 11" paper folded into thirds.
MMM-09292
Order# 151683

3M Gold Stikit Sanding Discs

Also sold by the each.

5" Discs 100 per roll

Model#	Grit	Order#
55541	100C	**150407**
55543	150C	**150409**
55545	220A	**756612**
55547	320C	**150413**
55548	400C	**150414**

8" Discs 125 per roll

Model#	Grit	Order#
01488	220A	**123249**
01489	180A	**123250**
01491	120A	**123252**
01492	100A	**123253**
01493	80A	**123254**

6" Discs 100 per roll

Model#	Grit	Order#
55567	320C	**150388**
55561	100C	**141210**
55562	120C	**139481**
55563	150C	**150384**
55564	180C	**150385**
55560	80C	**139480**

6" Dust Free Discs 100 per roll

Model#	Grit	Order#
55575	220C	**150404**

3M Stikit™ Disc Pads

For use with STIKIT Discs. Vinyl pad face provides good disc adhesion yet allows easy removal. Maximum safe operation 7000 RPM.

Model#	Size	Description	Order#
05575	5"	Regular	**123324**
05576	6"	Regular	**123325**
05579	8"	Regular	**123328**
05568	8"	Soft	**123323**

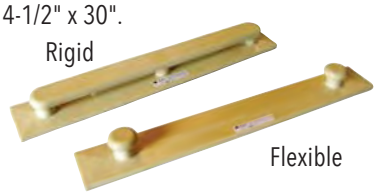
3M Red Stikit Sanding Discs

Model#	Grit	Size	Order#
01260	80D	6"	**734149**
01100	80D	8"	**734150**
01101	40D	8"	**734151**
01251	400	6"	**734145**
01252	320	6"	**734146**
01253	220	6"	**734147**
01254	180	6"	**734148**

An economically priced sandpaper disc sold in boxes of 25 discs.

3M Hookit™ Fairing Boards

Durable, lightweight construction.
For use with Hookit™ Abrasive sheets.
4-1/2" x 30".



Model#	Description	Order#
83497	Rigid	**123467**
83978	Flexible	**123468**

3M Hookit™ Fairing Board Sheets

High quality aluminum oxide, excellent for use on tough marine gelcoat, paint and primer systems.
4-1/2" x 30".

Model#	Grit	Order#
01870	P220	**167234**
01871	P180	**154380**
01875	P80E	**146650**
01877	P60E	**123308**
01879	P36E	**123309**

3M Gold Stikit™ Rolls

Model#	Grit	Length	Order#
02590	P400	45 yds	**157737**
02591	P320	45 yds	**141955**
02594	P220	45 yds	**140640**
02586	P150	45 yds	**140645**
02597	P120	30 yds	**140643**
02599	P80	25 yds	**141320**

For use with Stikit™ sanding blocks, shown below. Sold by the roll, 2-3/4" wide.

Clean Sanding 236U Discs

Model#	Grit	Order#
01698	220C	**735757**
55600	120C	**755486**

5" aluminum oxide Hookit™ disc with precise hole design for improved extraction. Paper backing. 50 discs/box.

Dry Guide Coat Cartridge Kit

Dry powder used to highlight surface inperfections and scratches. Can be used on marine fillers, primers, paints and gelcoat.
MMM-05861 **Order# 166779**

50 Gram Replacement Cartridge
MMM-05860 **Order# 166778**

3M Stikit™ Hand Blocks

Specially made for use with Stikit™ abrasive sheets.

Model#	Size	Desctription	Order#
05440	2-3/4" x 5"	Regular Block	**139331**
05442	2-3/4" x 5"	Soft Block	**139332**
05444	2-3/4" x 16-1/2"	Hand File Board	**151155**
05530	2-3/4" X 5-1/2"	Soft Hand Pad	**156132**

GRINDING

Green Corps™ Stikit™ Production™ Resin Bond Discs

Durable mineral/bond construction and tough D-weight or E-weight paper backing. Excellent for coarse sanding of hull and deck areas and paint removal.

Model#	Size	Grade	Discs/Box	Order#
01549	8"	80D	50	**749305**
01552	8"	24E	20	**159668**
01551	8"	36E	50	**123255**

Green Corps™ Fibre Discs

All-purpose for any kind of fiberglass or metal grinding. Excellent for boat propeller reconditioning. 20 discs/box.

Model#	Grade	Order#
01921	50	**123262**
01922	36	**123263**
01923	24	**123264**

Heavy Duty Phospate-Free All Purpose Cleaner

Concentrated solution. Requires no rinsing. Ideal for preparing surfaces before painting. Works with power washers. Removes heavy deposits of greasy dirt and grime. Interior or exterior surfaces. TSP substitute.

Part#	Size	Order#
HMC-10632	Quart	**742000**

Premium Gum Turpentine

The premier paint thinner for artists and professional painters. Thins paints, varnishes and enamels. Removes grease, stains and tar. Not recommended as a cleaning solvent as it will leave a slight surface film.

Part#	Size	Order#
HMC-GTQT	Quart	**117852**
HMC-GTPREMIUGL	Gallon	**730500**

Brush Cleaner

Removes dried paint, varnishes and lacquers from natural and nylon bristles, restoring them to "like new" condition. Not for use on synthetic brushes, other than nylon.

Part#	Size	Order#
HMC-BCQT	Quart	**117848**
HMC-BCGL	Gallon	**117847**

Toluene

Also known as Toluol. Often specified as a thinner for specialty paints and coatings. A good general purpose cleaner and degreaser. Slower evaporation rate than acetone but faster than Xylol. Flammable.

Part#	Size	Order#
HMC-TUQT	Quart	**742562**
HMC-TUGL	Gallon	**117868**

Paint Thinner

Economical paint thinner and brush cleaner. Great for cleaning fresh or partially dried drippings of oil base and latex paint. Gallon. HMC-PTGL
Order# 117863

Xylene

Also known as Xylol. A relatively slow evaporating solvent and thinner for some synthetic coatings as well as paints and varnishes. Stronger solvent power than mineral spirits. Evaporates slower than Toluol. Should only be used as a thinner when specified by coatings manufacturer. Flammable.

Part#	Size	Order#
HMC-XYQT	Quart	**742563**
HMC-XYGL	Gallon	**117871**

Boiled Linseed Oil

Contains driers to speed film drying and hardness. Enhances brushing and leveling when added to oil base paints. Two parts linseed oil mixed with one part turpentine makes a great semigloss furniture polish and protective coating for fine wood. Makes an anti-spalling compound for concrete when mixed 50/50 with mineral spirits.

Part#	Order#
HMC-LIQT	**117857**
HMC-LIGL	**117856**

Acetone

Strongest and fastest evaporating solvent available. Use for thinning and cleaning up fiberglass resins, epoxy and superglue before they harden. Softens or dissolves painted surfaces, rubber and plastic. Flammable.

Size	Order#
Quart	**117846**
Gallon	**117845**
5 Gallon	**117844**

LYNSOL Denatured Alcohol

Clean air solvent. Thins shellac and shellac-based primers. Use as fuel for alcohol stoves, lamps, and chafing dishes. HMC-DA

Size	Order#
Quart	**117850**
Gallon	**117849**

Lacquer Thinner

This full-strength, clean-air solvent thins lacquers for all applications. Cleans, conditions and prepares the surface. Cleans painting tools, brushes, sprayers, rollers and applicators.

Size	Order#
Quart	**117859**
Gallon	**117858**

Low Odor Mineral Spirits

Clean-air, multipurpose low odor, mineral spirit. Thins exterior/interior paints, flats, enamels and varnishes. Wipes fresh (or partially dried) paint drippings of oil or latex paint. Removes wax, grease, soot and dust from refinishing surfaces.

Size	Order#
Quart	**117862**
Gallon	**117861**

Japan Drier

Speeds the drying of oil-based paint, enamel, and varnish. Especially effective when the weather is damp or cool. Add just a few ounces to each gallon of paint. Pint. POP-DRIERS-PT
Order# 127435

Strypeeze Semi-Paste

Removes paint, varnish, lacquer and shellac. Semi-paste clings to all surfaces. Works on wood, metal, masonry, flat areas, vertical surfaces and veneers. Do not use on linoleum, asphalt, rubber, tile, fabrics, fiberglass or plastic. Water rinsable for easy cleanup. Fast acting!

Part#	Size	Order#
HMC-01102	QT	**167700**
HMC-01103	GL	**171207**

Ready Strip Marine Paint Remover

A marine stripper specifically designed to remove up to five thick layers of anti-fouling, topside, and other paints and varnishes in one application. Will not damage gel coat, wood grain, or any surface. Conveniently changes color to signal when paint is ready to be removed.

Size	Order#
Quart	**738611**
Gallon	**738612**

Peel Away Marine Strip

Used to remove bottom paint from fiberglass, wood and metal boats without any damage to the surface. Removes up to 10 layers of paint in 1 application - 1 gallon covers 40 square feet.

Part#	Size	Order#
PEE-M001	1 gal.	**148151**
PEE-M005	5 gal.	**146606**

Peel Away Marine Strip II

Will remove bottom paint, but leave epoxy barrier coat intact.

Part#	Size	Order#
PEE-M101	1 gal.	**148152**
PEE-M105	5 gal.	**126126**

Peel Away Papers - 10 sq. ft.
Order# 148154 10-pack

Paint & Varnish Remover

Non-flammable and fast-working. Lifts finishes from wood, metal, glass and masonry. Deep penetration to remove old finishes. Won't run or drip, raise wood grain or corrode metal. HMC-5F5

Size	Order#
QT	**117843**
GL	**117842**

Bronze Wool

Ideal for teakwood and polishing brightwork. Three per pack.

Part#	Grit	Order#
IS-BZC-3	Coarse	**120021**
IS-BZM-3	Medium	**120023**
IS-BZF-3	Fine	**120022**

Stainless Steel Pad

Heavy duty. WPT-35050
Order# 729554

3M Synthetic Steel Wool

Easier on the hands than real steel wool. Non-corrosive, durable, won't shred, splinter or rust. Compatible with water-based strippers and finishes. Can be rinsed and reused.

Part#	Type	Order#
MMM-10115	#3 Coarse	**123411**
MMM-10116	#2 Medium Coarse	**123412**
MMM-10118	#0 Fine	**123413**
MMM-10120	#000 Extra Fine	**123414**

Facepiece Respirators

10 Masks per box, 8 boxes per case.

Model#	Description	Order#
8511	Particulate	**140235**
8577	Particulate	**144829**
8515	Welding	**146163**

Dust and Mist Mask

Protects against some lung-damaging dusts encountered during general sanding, and non-harmful mists. Case contains 8 boxes.

Model#	Qty/Box	Order#
8654ES	2	**167138**
8210	20	**140234**

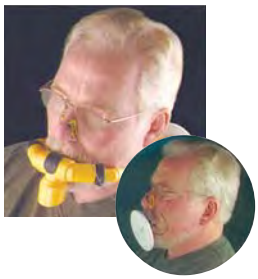
Dust Mask

Provides comfortable protection against dust. Not for use in spray paint operations. GER-060020
Order# 115402 /box of 50

Charcoal Respirator Mask

Provides respiratory protection against certain oil and non-oil based particles. Constructed with a carbon filter layer for nuisance levels of organic vapors. Features crush resistant shell. MMM-8247R95
Order# 162822

The Resp-o-rator™



Can be worn with facial hair. Filters are behind the head. Easy to put on and take off. Compatible with full-face shields, safety goggles and most welding helmets. Total visibility, no straps, no batteries, no fans. Does not build up condensation. Includes one size mask, w/filter. **Order# 733221**

Particulate Filter 2091, P100

The only filter not made from fiberglass components to achieve a P100 rating. Use for all applications that require the use of dust/mist, dust/fume/mist class or HEPA-rated respiratory protection. Lightweight, versatile and simple to use. 2-pack. MMM-2091-P100
Order# 123423

Optime 98 Over-the-Head Earmuffs

Lightweight, comfortable and effective. Universal fit headband comfortably fits most head sizes. Belt clip holder available. Soft, foam-filled cushions for greater comfort and protection. Pivoting earcup connection.

MMM-08091 **Order# 739219**

Expandable Foam Ear Plugs

2-Pack of individually wrapped plugs. Noise reduction rating of 31 decibels. Disposable, comfort fit & lightweight. HTV-541183 **Order# 696406**

Particulate Filter 5N11, N95

For use on chemical cartridges with 3M retainer 501. Cake-resistant filter media for easy breathing and lint-resistant coating. Fits 3M 5000, 6000 and 7500 series respirators with bayonet cartridges. 10-pack.
MMM-5N11 **Order# 143598**

Particulate Filter 5P71, P95

For use on chemical cartridges with 3M retainer 501. Protects against organic vapors and both oil and non-oil particles. Prefilters many chemicals and pesticides including oil aerosols and requires R (oil resistant) or P (oil proof) filters. Fits 3M 5000, 6000 and 7500 series respirators with bayonet cartridges. 10-pack.
MMM-5P71 **Order# 154893**

6000 Half Mask Particulate Respirators

This respirator is designed for protection against asbestos and dust.

Part#	Description	Order#
MMM-6291	Lightweight	**123460**

6000 Half Mask Organic Vapor Respirators

Part#	Description	Order#
MMM-07178	Med Heavy Duty	**140926**
MMM-R6311	Large Heavy Duty	**140927**

The above respirators come with the following items: MMM-6001 cartridge pack and MMM-5P71 prefilter.

Replacement Filters:

Part#	Description	Order#
MMM-6001	Organic Vapor Cartridge Pack	**123456**
MMM-5N11	Particulate Filter 5N11, N95 -10 pack	**143598**
MMM-5P71	Particulate Filter 5P71, P95 -10 pack	**154893**
MMM-501	Filter Retainer (1)	**143596**

7500 Professional Respirators

Designed for the professional painter. Ultra comfortable silicone facepiece. Recommended for paint spray, pesticide, organic vapors (solvents). Durable and long lasting. Includes 4 P95 particulate filters, 2 filter retainers and 2 organic vapor cartridges.

Complete Assembly

Part#	Size	Order#
MMM-R7511ES	Small	**163566**
MMM-R7513ES	Large	**163567**

6000 Full Face Respirators

Reusable respirator assembly, limited eye protection, helps protect against organic vapors. Wide field of vision. Lightweight. Bayonet attachment. Includes facepiece, 4 filters, 2 cartridges, 2 retainers and 2 lens covers.

Complete Assembly

Part#	Size	Order#
MMM-68P71	Medium	**172545**
MMM-69P71	Large	**172547**

Optional Accessories

Part#	Description	Order#
MMM-6885	Lens Cover, 25 Pack	**143597**
MMM-2091-P100	2 Particulate Filters 2091, P100	**123423**

	Bottom Paint Stripping/Sanding	Bottom Paint Stripping/ Sanding/Lead Based	Sanding Gelcoat/Fiberglass	Sanding Woods	Sanding Epoxies	Applying Bottom Paints (Brush)	Spray Painting with Enamels	Spray Painting with Polyurethanes	Applying and Mixing 2-pint Epoxies	Welding-Steel	Welding (Zinc Oxide)	Welding Stainless, Galvanized	Exposures to Gases and Vapors	Acid Etching/Cleaning	Chemical/Power Washing	Confined Space Entry	Response
Particulate Respirators N95	●		●	●	●												
Particulate Respirators with Nuisance Level Protection			●		●												
Particulate Respirators for Welding Applications										●	●	●					
Particulate Respirators P100 Recommended for Lead Exposures		●								●	●	●					
Dual Cartridge Half Facepiece Respirators	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Dual Cartridge Full Facepiece Respirators	●	●	●	●	●	●	●		●	●	●	●	●	●	●		
Supplied Air Respirators High and Low Pressure	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Powered Air Respirators	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Self Contained Breathing Apparatus (SCBA)																●	●

TRADITIONAL SUPPLIES

Photo by Wayne Hamilton © 2014

OLD DOWNEAST DECK COATING FORMULA

Used on wooden schooner decks, fishing boats, porch decks. Makes a dark amber finish. Covers 10' x 10' area. Use less pine tar for lighter color, more for darker. Allow more drying time for darker mixture.

- 1 Quart Turpentine
- 1 Quart Boiled Linseed Oil
- 1/2 Pint Pine Tar
- 1/2 Pint Japan Drier

Caulking Removal Tool

Use before re-caulking. For removing caulk or other sealants from a seam. A razor knife should be used to free the caulk from the sides of the seam. You can remove most of the caulking, leaving minimal material for final hand sanding. TDS-REEFINGHOK
Order# 742363

Caulking Seam Sander Kit

Designed for vertical sanding of the sides of a seam, to remove old material before re-caulking. Made of the finest quality steel and hardwood. Sands surfaces 1/5" - 7/8". Kit contains handle, sanding surface and 6 sanding pads. TDS-SEAMSANDER
Order# 742459

Caulking Iron

Malleable Iron. Polished blade, black Japanned shank. 1/8" thick. 5-7/8" L x 2-1/4" W. PER-185-1
Order# 126223

1 Lb Premium Grade Caulking Cotton

MAS-CC
Order# 121852

Black Marine Glue (Boat Pitch)

This marine glue is intended for use in paying wooden deck seams on ships. Safe heating range is 350° to 400° F. 5 gal. ZOP-0100
Order# 137726

Marine Oakum

Best Quality Spun Marine Oakum
HM-OAKUM

Size	Amount	Order#
7.5 lb Ball	240'	**166137**
40 lb. Bale	1280'	**166142**

Cotton Wicking

7 Strand Wick. 2 oz.
MAS-CW7 **Order# 121854**

WELD MOUNT

The Weld Mount System is a unique line of fasteners designed to be adhesively bonded to almost any substrate. Wire tie mounts, hose and cable clamps, studs, standoffs, and floating nutplates are all mounted with unique non-sag acrylic adhesives which hold the parts in place on a vertical or overhead surface. Kit replacement pieces are also in stock.

AT-300 Gun

Adhesive dispensing gun with a 1:1 plunger to be used with AT-2010 and AT-4020 50ml cartridge. Replacement plungers available. WLD-AT-300 **Order# 730120**

AT-8040 No Slide Metal/Composite Bonder

Solvent free, VOC compliant. Formulated to bond to metals for use in severe environments. Forms a tough, high strength bond, usually with minimal surface preparation. Handling strength in 12 minutes and a functional cure within 45 minutes. Use on a vertical or overhead surface without sagging. WLD-AT-8040
Order# 760007

AT-1050 Permanent Adhesive Bonding & Wire Tie Starter Kit

The adhesive provides a high-strength, permanent bonding of the mount to most surfaces at any angle. Cures in 12 minutes, working strength in 40 minutes. Dispenser easily reseals. Includes 25 wire tie mounts. WLD-AT-105010
Order# 733129

Stainless Steel Studs

1-1/4" base. Sold in packs of 10.

Description	Order#
10-24 x 1-1/4"	**743718**
10-24 x 3/4"	**748998**
1/4" x 1"	**730772**
1/4" x 1-3/4"	**730775**
1/4" x 3/4"	**730771**

Caulking Guns

Medium Duty, with ladder hook.
Order# 120052

Parallel Frame, Drip-Free, EZ Thrust.
Order# 146453

Unique Dripless Feature Seal punch, ladder hook, revolving barrel. **Order# 167541**

3M Marine 4000 UV Fast Cure Adhesive/Sealant

Resistant to weathering, saltwater, and stresses caused by joint movement. Seals between mechanically fastened joints on wood, fiberglass, metal and most plastics above and below the waterline. Its superior UV resistance properties make this an ideal cosmetic sealant. Tack free in 20 minutes. Cures in 24 hours. White **Order# 152353**

3M Marine 4200 Fast Cure Adhesive/Sealant

One-part polyurethane with good adhesion to wood, fiberglass, gelcoat, certain plastics, and metals. Paintable and sandable. For use above or below the waterline. Approximately half the strength of 5200, which allows for disassembly of parts.

Color	3 oz.	10 oz.
White	164363	123363
Black		123364

3M Marine 5200 Adhesive/Sealant

An excellent polyurethane adhesive/sealant above and below the waterline. Workable for up to 4 hours. Tack-free in 48 hrs., completely cures in 5-7 days with no shrinking.

Color	1 oz.	3 oz.	10 oz.
White	123319	123317	123352
Black		123318	123355
Tan			123353
Mahogany			123354

3M 5200 Fast Cure

Same as 3M 5200. Tack free in 2 hours, cures in 24 hours. White.

Size	Order#
10 oz.	123360
3 oz.	123321

3M Marine Silicone

High quality marine silicone. Forms a mildew-resistant, non-yellowing seal that remains flexible even after years of exposure. Bonds to fiberglass, gelcoat, glass, metal, rubber, wood and vinyl. Seals and waterproofs, remains flexible, excellent gasket adhesive. Not intended for continuous use below the waterline.

Color	3 oz.	10 oz.
White	142059	142050
Clear	142061	142052

3M 540 Scotch Seal

Bonds to a wide variety of materials. Excellent sealer, paintable. Smoke and flame rated, 90 minute skin time. 10.5 oz cartridge. Black. MMM-41595 **Order# 740631**

3M Threaded Cartridge Nozzles

For use with 10.5 fl. oz. single component cartridges. MMM-08187 **Order# 740562**

Elastomeric Marine Sealant

Fast curing (24 hrs.) can be wet sanded and painted after curing. Use above or below the waterline. Adheres tenaciously without primers to fiberglass, glass, plastic, metal and wood. Simple clean up with mineral spirits. Not recommended for wooden deck seams or use in areas subject to gasoline.

Part#	Color	Description	Order#
SUD-300	White	10 oz. cartridge	129067
SUD-301	Clear	10 oz. cartridge	129068
SUD-302	Black	10 oz. cartridge	129069
SUD-320	White	3 oz. tube	129070
SUD-321	Clear	3 oz. tube	129071

100% Silicone Caulking

10.1 oz, clear, window & door caulk. 100% silicone, permanently waterproof. Non paintable. HTV-510446 **Order# 693585**

Debond- Marine Formula

A specially formulated mixture that cleans and removes adhesives and sealants used on and in the boat. Use to clean up Cured 3M™ 5200 and other polyurethane adhesives, caulks and sealants, black rub marks, most graffiti and overspray, adhesive residue, and more. Will not harm gelcoat, clear coat, Plexiglass, AwlGrip® and Imron®.

Part#	Size	Order#
MFA-4	4 oz. aerosol	167283
MFA-12	12 oz. aerosol	177010

Sikaflex 291

All purpose adhesive sealant, bonds to hull and structural members. Bedding Compound. Long Open Time. Tack free in 3 to 5 hrs., full cure in 4 to 6 days.

Part#	Color	Order#
SIK-291-LOT-B	Black	147924
SIK-291-LOT-W	White	147215
SIK-291-LOT-AH	Mahogany	148527

All purpose adhesive sealant, may be used for light bonding. Fast Cure. Tack-free in 30 to 40 minutes, full cure in 1 to 3 days.

Part#	Color	Size	Order#
SIK-291-B	Black	10.3 oz Cartridge	130876
SIK-291-W	White	10.3 oz Cartridge	130877
SIK-291I-W	White	3.5 oz Sausage	758549

Sikaflex 292 Hi-Strength

All purpose elastic adhesive bonding of floors to subfloors or metallic frame, exterior/interior panels, bonding trim moldings to hull. Semi-structural or general purpose. Full cure in 7 days. Tack-free time: 30-45 minutes. White. SIK-292I **Order# 130878**

Sikaflex 295 UV

Direct glazing adhesive for polycarbonate and acrylic as a sealant for glass, ceramics, metals, plastics, fiberglass, and many types of paint. Tack-free time: approx. 50 minutes. Rate of cure: 1/8" 24 hrs.

Part#	Color	Order#
SIK-295-B	Black	147168
SIK-295-W	White	154644

Sikaflex 221

Fast curing. Provides permanent elastic adhesion to a number of surfaces with excellent cut and tear resistance. Weather resistant, sandable, paintable and NSF approved.

Part#	Color	Order#
SIK-221-G	Gray	175665
SIK-221-W	White	757432

Teak Deck Caulking

A one-part, paste-like oxime cure system which when exposed to moisture in the air reacts to form a tough, flexible solid rubber compound. Does not sag during cure and when cured, has excellent temperature stability and chemical resistance. Neutral cure and non-corrosive. 10.3 oz.

Part#	Color	Order#
TDS-SIS440BLK	Black	152282
TDS-10CW	White	174487
TDS-SIS440GREY	Grey	746452

BoatLIFE's Life Caulk

One part Thickol® Base Polysulfide cures to a positive waterproof seal. Resists oil, brine, water, weather, and most chemicals. Stays seaworthy for years and years. It's sandable and paintable and bonds to wood, fiberglass, metal, and glass. No priming required except on oily woods such as teak. Finest marine sealant available.

Color	10.67 oz	2.8 oz
White	104135	104132
Black	104136	104133
Mahogany	104137	104134
Teak	104138	

BoatLIFE's Life-Seal®

Life-Seal combines polyurethane and Silicone, providing the best of both worlds. Fast skinning (10 minutes) and fast curing (24 hours). Stays flexible for years, not hardening like the ordinary polyurethanes. The ideal sealant for fiberglass boats, it can be used above or below the waterline. Also has an outstanding adhesion to glass, metal, nylon, lexan, ABS, plastic and wood.

Color	2.8 oz	10.3 oz
Clear	104170	104173
White	104171	104174

BoatLife Caulk Primer

One-part, resin-based primer for use on oily woods. Designed for maximum adhesion with polysulfide sealants. 8 oz. BL-1059 **Order# 732705**

Bed-It Butyl Tape

1/16" thick, 1/2" wide x 50' roll. Formulated and extruded for the installation of deck fittings. Works across wide temperature ranges with minimal creep or cold flow. Stands up to typical boat washing chemicals. Sticks to the parts, not your fingers. CMM-BUTYLTAP50 **Order# 755207**

Fastbond™ 10 Neutral Contact Adhesive

An air drying contact adhesive which bonds immediately and permanently upon application eliminating the need for clamping materials being bonded. For decorative laminates, aluminum, steel, wallboard, plywood, wood veneer, wood, rubber, leather, canvas and other porous and non-porous materials to each other or themselves. Light yellow. Quart.
MMM-20272 **Order# 142067**

Prazi Seal-A-Tube™

Creates an air tight second seal. No more dried out tubes. Fits any tube of caulking. Eliminates the need to use a nail. Every time you reuse the Seal-A-Tube, it cleans out the nozzle. 2 per pack.
PRZ-PR1600 **Order# 733638**

Marine-Tex

Repairs dry-rot, tanks, piping, fittings, weld seams, aluminum rivets, etc. White is recommended for fiberglass and other repairs where white color is important. Gray is for metal and machinery repairs.

Description	Order#
14 oz Kit White	**134951**
14 oz Kit Gray	**134950**
2 oz Kit White	**134953**
2 oz Kit Gray	**134952**

Marine Epoxy Paste

Designed for extra fast emergency repairs. High-impact resistance ensures superior performance under continuous pounding in marine environments, even under water. This two-part epoxy forms to any shape and bonds to multiple surfaces. 4 oz. kit.
ECL-5300031 **Order# 743842**

Gluvit Epoxy Waterproof Sealer

Used to find, fill and seal hidden leaks. Waterproofs cabin roofs, decks, hatches and entire hulls- wood, aluminum, steel and plastics. No fiberglass or canvas required! Accepts most top-coats with minimal preparation. Quarts or gallons. Covers 90-100'/gallon. Neutral color. Best used at 50°F and above. Pot Life: 2 hours (72°F). Cure: 48 hours (72°F), longer at lower temp.

Size	Order#
Quart	**134943**
Gallon	**134942**

Coat-It™ 2-Part Epoxy Sealer & Protector

Waterproof with Kevlar. Easy to apply. Use on wet, dry, painted or porous surfaces. May be sanded or painted.
ECL-5400040 **Order# 739433**

Git Rot

Repairs dried out, rotted and weathered wood. Sets overnight. Uncured solution cleans with vinegar. A two-part liquid epoxy that fully penetrates and saturates dry, rotted wood. It restores structural strength, stops leaks and repairs wood encased in fiberglass. Use with fiberglass, resins, epoxies and polysulfides.

Size	Order#
4 oz	**104145**
16 oz	**104146**
32 oz	**104147**

Amazing Marine Goop Adhesive

Strongest, most versatile adhesive available. UV resistant: resists yellowing and cracking. Paintable once cured. Use indoors or out. Temperature resistant. Dries clear. Abrasion resistant. Waterproof.

Size	Order#
3.7 oz	**142105**
10.2 oz	**176880**

5 Minute Epoxy Gel

A super fast, thick epoxy, recommended for vertical & overhead use. Will not sag or drip. Waterproof, chemical resistant, sandable and paintable, dries to a cream color. 25 ml syringe. HTV-437434
Order# 168465

Gorilla Epoxy

Water-resistant, incredibly strong and durable. The easy-to-use syringe keeps the resin and hardener separate, so it is easy to dispense and won't harden over time. The two-part, gap-filling formula easily bonds steel, aluminum, wood, ceramic, tile and most plastics. Dries in an ideal, crystal-clear finish that makes projects look spotless. Clamp Time: 30 Minutes, Open Time: 5 Minutes. Dry Time: 24 Hours, Full Cure: 24 Hours.
GRG-4200102 **Order# 732136**

Gorilla Glue

All-purpose, interior/exterior glue, ideal for most repair and bonding needs. Great for furniture and woodworking projects, as well as general repairs around the house. Bonds wood, stone, metal, ceramic, and much more. Incredibly strong and 100% waterproof!

Size	Order#
2 oz	**151138**
4 oz	**139818**
8 oz	**116051**

White Gorilla Glue

100% waterproof glue, safe for indoor and outdoor use. Easily bonds foam, wood, metal, ceramic, stone and much more! 2 oz. GRG-5201205
Order# 763919

Gorilla Wood Glue

Indoor/outdoor, water-resistant, strong and fast setting. Short clamp time, dries natural color, no foam. Non-toxic, clean up with water. Sandable, paintable, and mildew-resistant. 18 oz. GRG-6205001
Order# 732135

Titebond II Premium Wood Glue

WEATHERPROOF. For exterior use. Excellent sandability. Unaffected by finishes. Easy cleanup with water.

Size	Order#
8 oz	**145069**
16 oz	**142166**

Titebond III Ultimate Wood Glue

WATERPROOF. Cleans up with water. Superior strength - Strong initial tack. For interior and exterior applications. Longer open assembly time.

Size	Order#
8 oz	**736456**
16 oz	**729127**

Super 77 Multi-Purpose Spray Adhesive

Versatile adhesive bonds a wide range of lightweight materials. Fast, aggressive tack and low soak-in eliminates clamping and dry time. Forms strong bonds with paper, cardboard, fabric, cushion foam, plastic, metal, wood and more. Low VOC. 24 oz. MMM-21210
Order# 155248

Weldwood® Contact Cement

Bonds on contact. Use on wood, rubber, paper, leather and hundreds of other items. Creates a durable water resistant bond. 1 oz. HTV-211557
Order# 669614

Weldwood® Plastic Resin Glue

A powdered, ureaformaldehyde wood glue activated by mixing with water. Forms a bond stronger than the wood itself. Tan. 1 pound tub. HTV-211490 **Order# 107448**

Splash Zone Epoxy Putty Kit

Can be mixed and applied underwater and will cure underwater and in the air. Adheres to any clean sound surface, either wet or dry. Cures to an extremely hard, abrasion and impact resistant coating. Kit includes primer and catalyst. Not for use in potable water systems.

Kit Size	Order#
2 Pints	**742165**
2 Quarts	**136882**
2 Gallons	**136880**

Epoxy/Aluminum Putty Sticks

Keep on board for emergency or permanent repairs. Forms a tenacious bond in minutes, even underwater! Use on fiberglass, metal, wood and plastic. Works on aluminum boats, outdrives, RV bodies, fuel and water tanks, or other aluminum parts.

Part#	Type	Order#
STA-87104	Epoxy	**131997**
STA-87004	Epoxy/Aluminum	**131996**

Capt. Tolley's Creeping Crack Cure

Very effective for fixing leaking windows, porthole surrounds, portlights, decks, coach roofs and centerboard casings. Ideal for sealing around deck fittings. One-part water-based acrylic co-polymer penetrating sealant. Can be applied safely to most materials, including polystyrene. Cures within 24 hours. Forms a strong flexible bond that can be painted. Dries clear. 2 oz. PTS-243990
Order# 172526

Epoxy Repair Putty & Hardener

2 part super-strong marine grade repair compound. For use above and below the waterline. For use on fiberglass, wood, metal and plastic. May be applied under water or to damp surfaces. 6 oz.

Part#	Color	Order#
SUD-621	Gray	**737564**

Dual Temperature Heat Gun

750-1000 Degrees Fahrenheit, 1200W 10A, 4100 BTUs.
Order# 742724

Retractable Razor Knife

This low-profile, retractable glass scraper has a safety lock to hold the blade in place, extra blade storage in the handle and a safety blade change feature that allows you to remove the blade without touching it. HDE-13045
Order# 764184

9mm Snap-Off Knife With 30º Detail Blade

This slim 9mm knife is specifically designed for detail work, with a precision cutting angle blade, thin sharp 9mm blade and autolock feature. Blade breaker for safely refreshing blade. Pocket clip. Autolock withstands 17 pounds of force without blade retracting. Stainless steel. HDE-42046 **Order# 764180**

9mm Replacement Blades
HDE-42350 **Order# 764181**

18mm Snap-off Knife with Screw Lock

Features heavy-duty screw lock making this ideal for demanding cutting jobs. 44 pounds of holding force without blade retracting. 18mm blades, 8 points per blade. Stainless steel blade holder. Strap hole for carrying or storing. HDE-42050 **Order# 764179**

18mm Replacement Blades
HDE-42330 **Order# 764182**

25mm Snap-off Knife with Screw Lock

This rugged retractable utility knife handles well and cuts easily through carpets, linoleum, drywall and much more. Its powerful screw lock provides maximum holding power, and 7 heavy duty points per blade offer many working hours. 100 pounds of holding force without blade retracting Strap hole for carrying or storing. Spare blade storage in the handle. HDE-42051
Order# 764178

25mm Replacement Blades
HDE-42360 **Order# 764183**

Mixing Board

Curved board with notched corners and thumb hole. 11-7/16" x 12". HMF-101020
Order# 146646

Mixing Sticks

Wood. 500/pkg. HMF-3610
Order# 176181

Gallon Paint Mixer

Fits 3/8" drill for blending paint perfectly, mixes driveway coatings, adhesives & other heavy materials including drywall mud. HTV-688945
Order# 900357

Plastic Spreaders

Dynatron plastic spreaders are great for applying fillers, putties, glazes and caulks. 3 different sizes. MMM-00358
Order# 733691

Plastic Spreaders

Size	Order#
Mini	**146642**
Small	**146643**
Med	**146644**
Large	**146645**

Rubber Squeegee

Size	Order#
5"	**146648**

Delta Heavy Duty Glass Scraper

Ergonomically engineered shape for better grip and precise control. Large ribbed control button for safer operation. Blade track design minimizes clogging for positive blade extension and safe retraction. Blade at 5º offset to get under paint. One blade included. HDE-13000
Order# 117013

Mini Glass Scraper

Remove coatings, paint and stickers from glass, mirrors or windshields. Rugged polypropylene construction resists most paint thinners. Accepts standard single edge razor blades. Includes 1 blade. HDE-13020
Order# 903406

1.5" Lifetime 4-Edge Scraper

Small profile pull-scraper with four scraping edges, ideal for prolonged scraping of narrow channels and hard-to-reach areas. Heavy duty high carbon steel blade has 2 rough and 2 smooth edges. Well-balanced, angled handle provides good leverage and keeps hand away from working surface. 1-1/2" blade can be resharpened or replaced. Scraper measures 7 1/2".
Order# 740564

Replacement Blade
Order# 742107

2.5" Lifetime 4-Edge Scraper

Large-job pull scraper with four scraping edges is ideal for all-day scraping. Heavy duty high carbon steel blade has 2 rough and 2 smooth edges. Well-balanced, angled handle provides good leverage and keeps hand away from working surface. Hammer Head knob allows for two-handed scraping and resetting nails and screws as you work. 2-1/2" blade can be resharpened or replaced. 12-1/2" long.
Order# 740566

Replacement Blade
Order# 117010

Molding Scraper

Includes two high-carbon blades, one triangle, one teardrop. HDE-10400
Order# 733241

Extra Triangle Blade
Order# 733242

Contour Scraper Kit

All-surface scraper with 6 stainless steel blades. HDE-10450
Order# 733144

Chisel Scrapers

Stiff, non-sparking brass. 1-5/16".
Order# 733246

6-in-1 Painters Tool

Stainless Steel. 3.5" wide. Works as a gouger, scraper, putty remover, spreader, nail remover and roller cleaner.
WPT-32075 **Order# 165430**

Putty Knives

Stainless Steel.
WPT-320

Size	Stiff	Flexible
1"	**165419**	**165420**
1.5"	–	**165422**
2"	**165423**	**165424**
2.5"	–	**165425**
3"	–	**165426**

Plastic Putty Knives

One-piece polypropylene tool for spreading or scraping compounds. Easy cleanup, or toss when finished.

Size	Color	Order#
1-1/2"	White	**167074**
1-1/2"	Black	**116997**
2"	White	**167075**
3"	White	**167076**
3"	Black	**903403**
4"	Black	**903404**
6"	Black	**729112**
8"	Black	**903405**

WEST SYSTEM® EPOXY

We have identified groups with code letters A, B, C. When considering amounts needed for your project, simply match resin code letter with hardener code letter to ensure quantitites which are designated for simultaneous consumption of products at proper 5:1 ratio.

105 (A, B, or C) Resin
An amber, nearly odorless liquid resin with a viscosity of approximately 600 cps at 70° F.

205 (A, B, or C) Fast Hardener
Mixed at 1 part hardener to 5 parts resin, 205 fast hardener provides 10 to 20 minutes of pot life at 70°F. This hardener is used in a majority of situations to produce rapid cures which develop excellent physical properties. Cure time at 70° F is approximately 5 hours.

206 (A, B, or C) Slow Hardener
Also mixed at 1 part hardener to 5 parts resin, this will yield an extended pot life of 20 to 30 minutes at 70°F. This hardener is normally used in situations where extra time is needed for large coating and bonding operations. Well suited to warmer climates. Cure time at 70°F is about 9 hours. Cured, its physical properties are similar to 205 hardener.

207 (A, B, or C) Special Coating Hardener
Use with 105 Resin where a natural wood finish is desired. Cures to a light amber color, similar to traditional spar varnishes. Designed to self level for smooth finishes, and to wet out and bond fabrics. 3:1 ratio. Pot life of 22 to 27 minutes at 72°F. Cure time is 9-12 hours. Minimum recommended temperature of 60°F.

		105 Resin	AND	205 Hardener	OR	206 Slow Hardener	OR	207 SC Hardener
Group A	Order# Fluid Measure	115579 1 Quart		115583 .44 Pint		115587 .44 Pint		115591 .66 Pint
Group B	Order# Fluid Measure	115580 .98 Gallon		115584 .86 Quart		115588 .86 Quart		115592 .33 Gallon
Group C	Order# Fluid Measure	115581 4.35 Gallon		115585 .94 Gallon		115589 .94 Gallon		115593 1.45 Gallon

• Group E (Drums) Available. Please Call For Pricing.•

209 Special Tropical Hardener
Formulated for use with West System brand #105 resin in extremely warm and/or humid conditions for general bonding and coating applications, providing approximately twice the pot life and working time as #206 slow hardener. Provides adequate pot life up to 110° F and 70°F when additional pot life and assembly time may be desired. Provides 10-20 minutes of pot life at 95°F and 50-60 minutes at 70°F. Will cure to a solid state in 6-8 hours at 95°F and 20-24 hours at 70°F. Further curing occurs over the next 4-9 days. Forms a clear, amber-colored solid.

Size	Order#
.66 Pint	**115594**
.33 Gallon	**115595**
1.45 Gallon	**115596**

Episize™ Glass Tape
Versatile woven fabric tape, ideal for reinforcing chines, hull/deck corners and similar structural applications. When bonded with West System epoxy, they provide additional tensile strength to resist hairline crack development and abrasion. 9 oz 4" x 10' Roll
GOG-732-10 **Order# 115627**

Episize™ Glass Fabric
Ideal for building composite laminates and repairing fiberglass structures. May be painted or varnished.12 oz 30" x 30"
GOG-745-30 **Order# 115631**

Handy Repair Pack
Everything you need to complete small repairs around the boat, shop, or home. Includes two 16 gram packets of West System 105 resin, two 3.2 gram packets of West System 205 hardener and a 3.5 gram packet of high density filler. Also included are an application brush, mixing stick, pipe cleaner, two cleaning pads and complete instructions.
GOG-101 **Order# 115575**
Resin and Hardener Only (6 packets each)
GOG-101-T **Order# 115577**

Fiberglass Boat Repair Kit
Repair cracks, scrapes, loose hardware, gelcoat blisters, delaminated cored panels, holes, keel damage, and more. Kit contains eight pre-measured packets of 105 Epoxy Resin and 205 Fast Hardener (19.2g mixed), adhesive filler, fairing filler, mixing cups, fiberglass fabric, reusable mixing stick/applicator, syringe, two coating brushes, three pairs disposable neoprene gloves and complete handling and repair instructions. GOG-105-K **Order# 759633**

Fillers & Additives

Part#	Description	Order#
GOG-403-9	6 oz Microfibers Gap Filler	**115604**
GOG-403-28	20 oz Microfibers Gap Filler	**115603**
GOG-404-15	15.2 oz High Density, High Strength Filler	**115605**
GOG-404-45	43 oz High Density, High Strength Filler	**115606**
GOG-405	8 oz Filleting Blend Tan	**115607**
GOG-406-2	1.7 oz Colloidal Silica	**115608**
GOG-406-7	5.5 oz Colloidal Silica	**115609**
GOG-406-B	10 lb Colloidal Silica	**140331**
GOG-407-5	4 oz Low Density Filling & Fairing Additive	**115611**
GOG-407-15	12 oz Low Density Filling & Fairing Additive	**115610**
GOG-410-2	2 oz Microlight Ultralight Fairing Compound	**115612**
GOG-410-7	5 oz Microlight Ultralight Fairing Compound	**115613**
GOG-422-16	16 oz Barrier Coat Additive	**115618**
GOG-423	12 oz Graphite Powder	**732156**
SYT-3110S16	1 qt Wood Flour	**170850**
SYT-3110S47	5 qt Wood Flour	**170852**

Measuring Dispensers for Resin & Hardener

GOG-805	16 oz Mixing Pot	**115637**
GOG-806	32 oz Mixing Pot	**115638**
GOG-807-2	Fiberglass Syringes 2-Pack	**115639**
GOG-807-12	Fiberglass Syringes 12-Pack	**732179**
GOG-600-2	Static Mixing Tips 2-Pack	**729511**
GOG-600-12	Static Mixing Tips 12-Pack	**729512**
GOG-300	Resin & Hardener 3 Mini-Pumps for Group "A", "B" or "C"	**151504**

Books

GOG-002-550	Fiberglass Boat Repair & Maintenance	**115566**
GOG-002-950	WEST SYSTEM® Manual (one per customer)	**115572** N

Fiberglass Brush Set
Handy, disposable, 1/2" x 6" glue application brushes with a metal handle. These brushes are useful for a wide variety of small bonding and coating applications. GOG-803-12 **Order# 115635**

G/5 Five-Minute Adhesive

An easy to use, 2-part system for quick repairs, tooling and general bonding. May be used in spot applications to hold parts together while standard epoxy bonds cure. Bonds to wood, fiberglass and metal. Not recommended for long-term bonds subject to high loads or moisture. 1:1 ratio, no pumps are required. Cures in 3-5 minutes.

Size	Order#
16 fl. oz. resin/16 fl. oz. hardener	**115652**
4 fl. oz. resin/4 fl. oz. hardener	**115653**

G/flex Epoxy

A toughened, versatile epoxy for permanent waterproof bonding of fiberglass, ceramics, metals, plastics, damp and difficult-to-bond woods. 1:1 ratio. Kits contain a bottle each of resin and hardener.

Part#	Size	Order#
GOG-650-8	8 oz	**174365**
GOG-650-32	32 oz	**729345**

G/flex Thickened Epoxy

A toughened, versatile epoxy for permanent waterproof bonding of fiberglass, ceramics, metals, plastics, damp and difficult-to-bond woods. 1:1 ratio. Kit contains resin and hardener. 45 minutes of working time at room temp.
GOG-6558 **Order# 762577**

650-K G/flex Aluminum Boat Epoxy Repair Kit

Helps users permanently seal leaky seams and rivets in aluminum boats. Each kit contains 8 oz of G/flex 650 epoxy, adhesive filler, application syringes, mixing pots and sticks, and protective gloves. Contains clear, illustrated instructions.
GOG-650-K **Order# 174366**

655-K G/flex Plastic Boat Repair Kit

Can be used to repair plastic canoes, kayaks and inflatables. It contains G/flex epoxy, which is compatible with HDPE, LDPE, ABS, PVC and polycarbonate plastics.
Each kit contains 8.4 oz of pre-thickened G/flex 655 Epoxy, protective gloves, mixing palettes, and mixing sticks. Contains clear, illustrated instructions.
GOG-655-K **Order# 174367**

Fiberglass Repair Kit

Permanently repairs metal, fiberglass and wood. Includes 8 oz fiberglass resin, 1/4 fl oz liquid hardener, 3 sq ft fiberglass cloth, spreader stick and instructions. FIB-637
Order# 155122

MagicEzy 9 Second Chip Fix

A revolutionary nano-filler that fixes and colors surfaces in a matter of seconds. One-part, ready-to-use formula and built-in leveler make it super easy to use. For plastic or aluminum surfaces, prepare the surface using MagicEzy Mega Fusion first. .43 oz tube.

Color	Order#
Matterhorn White	**756283**
Snow White	**756284**
Cream White	**756289**
Navy Blue	**756286**

Six10 Thickened Epoxy Adhesive

2-part epoxy adhesive in a convenient, self-metering cartridge for permanent, waterproof, structural gap-filling and gluing. Uses a standard caulking gun. Non-sagging. Bonds tenaciously to wood, metals, fiberglass and concrete. Cures as low as 50°F. GOG-610
Order# 729510

Epoxy Pigment

Epoxy based liquid colorant used to tint the epoxy mixture and provide an even color base for the final finish system. The colored surfaces also tend to highlight imperfections. Add to the mixed resin/hardener at a rate of approx. one teaspoon of pigment to 8 fl. oz. of epoxy. One 4 fl. oz. bottle will tint approx. 2/3 gallon of epoxy. Pigmented epoxy will degrade under sunlight- not intended as an exterior finish. White.
GOG-501-8 **Order# 151478**

Acid Brushes

HM-ACIDBRUSH
Order# 117620

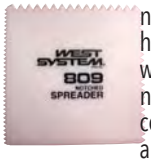
Mixing Sticks

Plastic and reusable. Squared, beveled end for thorough mixing of epoxy and blending of fillers. Use rounded end to shape 3/8" radius fillets.8 per bag. GOG-804-8
Order# 151051

Plastic Squeegee

Lightweight and reusable. For fairing and filling applications. Double edged. 3.5" x 6". 2 pack. GOG-808-2 **Order# 115640**

Notched Spreader



Notches carved into three sides (1/8", 3/16", 1/4" notches). Used for quickly applying modified epoxy at a constant rate. 4" x 4". GOG-809
Order# 115641

Micro Balloons

Additive for resin products to create a filled putty to repair or fill small cracks and voids. Use with polyester resin, gelcoat, or epoxy resin. Filled area must be coated after it is cured and has been sanded. Use the recommended level of catalyst required by the manufacturer to cure the filled putty. HMF-702170
Order# 745600

MagicEzy Hairline Fix

A glossy, one-part nano sealant with in-built colorant that penetrates deeply into the finest of damage and delivers structural grade adhesion. Fixes and colors in one application. Helps prevent cracks from spreading. Rubber-like flexibility for long-lasting repairs. Perfect for gelcoat crazing, hairline cracks, non-skid deck, and fine scratches. Can be drilled and sanded. .43 oz tube.

Color	Order#
Matterhorn White	**756294**
Snow White	**756295**
Oyster White	**756296** N

Epoxy - How To DVD

A compilation of three instructional videos demonstrating basic handling and advanced epoxy repair techniques. Includes: Basic Application Techniques, Fiberglass Repair with West System Epoxy and Gelcoat Blister Repair with West System Epoxy. 59 minutes.
GOG-002-898 **Order# 172264**

Release Fabric

A tough, finely woven nylon fabric treated with a release agent. Used to separate the absorber, breather and vacuum bag from the laminate in vacuum bagging. Excess epoxy bleeds through and is peeled from the cured laminate along with the release fabric. Also used in hand lay-up applications to allow more squeegee pressure and protect the lay-up from contamination. Peels easily and leaves a smooth textured surface, ready for bonding or finishing. Not recommended for post-cure temperatures over 120°F (49°C). 60" x 9" sheet. GOG-879-18 **Order# 115655**

Vacuum Bag Sealant

Tape sealant for airtight seals between vacuum bags and molds. Easy to work around difficult angles or patching small leaks in the vacuum system. 1/2"W x 25'L
GOG-883 **Order# 115656**

Fillable Caulking Tubes

Large-volume applicators for use with a standard caulking gun. Suitable for refilling during continuous use. Should be disposed of after epoxy cure. 2 per package. GOG-810-2
Order# 115642

Flex Seal® Spray

Dries to a watertight, flexible, rubberized coating. Seals out water, lasts for years. Stays flexible and pliable. Will not sag or drip in summer heat, will not crack or peel in winter cold. Stops vibration noise. Protects surface from corrosion. Apply on wet or dry surfaces. Transform and protect virtually everything. 14 oz Spray

Color	Order#	Color	Order#
Black	**742630**	White	**759443**
Clear	**755844**	Brite White	**755816**

Flex Seal® Rubber Liquid

Brush it, roll it, dip it or pour it anywhere you need a watertight, flexible rubberized coating. Blocks out air, water and moisture, prevents rust and corrosion, is mildew and chemical resistant. Non-hazardous, non-flammable and safe around plants and animals.

Color	16 oz Can	Gallon
Black	**764367**	**764366**
Clear	**764369**	**764368**

MagicEzy Mega Fusion

Used to prime surfaces that are difficult to repair, such as plastic, aluminum, wood, ceramic and fiberglass. Extraordinary adhesion power. Penetrates deeply into pores. Strengthens weakened surfaces. Highly elastic to allow for structural movement. Cleans up easily with water. Off white. .43 oz tube. ABM-ME400
Order# 756305

Hawk Epoxy

This state-of-the-art, easy to use, low-viscosity epoxy system makes building and repair jobs a breeze. The foundation is R1 Epoxy Resin, which fulfills all of the different application needs with its eleven-part catalyst and fairing options. The color-coded sizing system ensures accuracy. The size is color-coded on each resin and catalyst label. For optimal product utilization, be sure to choose the same size for both the resin and catalyst.

Choose Your Resin	*Choose Your Catalyst*		
	Slow Cure	Fast Cure	Clear Finish
Size 1 Quart	.4 Pint	.4 Pint	.66 Pint
756669	756675	756678	756683
Size 2 Gallon	.8 Quart	.8 Quart	.33 Gal
756670	756676	756679	756685
Size 3 4.35 Gallon	.87 Gallon	.87 Gallon	1.45 Gallon
756671	756677	756681	756686

C1 Ultra Slow Catalyst
Designed for construction and repairs with superior adhesion, strength, bonding, filling, and moisture barrier qualities at higher temperatures. Very slow cure speed at room temperatures.

C2 Slow Cure Catalyst
Designed for high-strength bonding, coating and fiberglass applications with excellent moisture barrier characteristics when slower cure speed is required during high temperatures.

C3 Fast Cure Catalyst
Designed for construction and repairs with superior adhesion, strength, filling, and moisture barrier qualities at cooler temperatures. Fast cure speed at room temperatures.

C5 Clear Finish Catalyst
Designed for very clear fiberglass cloth and coating applications with exceptional moisture barrier characteristics. Perfect for natural wood and carbon fiber clear coats with no blush. Longer working times in very warm temperatures.

Epoxy Pump Set

For accurately measuring Resin to Catalyst ratio. The Hawk Pump Kit User Manual explains how to use the pumps for accurate measuring, how to prime the pumps, pump cleaning and storage, and how to use the pumps with various Hawk Epoxy System Sizes.

Part#	Use for Size	Order#
SHK-HE-30KT	1 & 2	756697
SHK-HE-30KTS3	3	756699

Fillers and Additives

F1 High Load Adhesive Fiber Filler
Thickens to a light grey color creating an easy to use adhesive designed for bonding hardware and other applications with dissimilar materials. Maximizes bond strength for high loads.

F2 Structural Adhesive Filler
Thickens to an off white color creating a general purpose thickening additive for bonding, gap filling and filleting. Mix to a workable consistency allowing sag free and easy flow properties for vertical and overhead applications.

F3 Light Density Adhesive Micro Fiber Filler
Thickens to an off white color, great for bonding many substrates, especially wood. Also creates a multipurpose adhesive for many other substrates. Provides excellent substrate wetting and penetrating characteristics. Increases impact and abrasion resistance.

F4 Bridging Adhesive Filler
Thickens to a brown color creating an easy to use adhesive with excellent gap filling and filleting qualities. Blends with many different types of wood to allow for a natural looking fillet or gap fill.

F5 Light Density Fairing Filler
Thickens to a reddish brown color creating an easy to sand and carve fairing compound which remains strong and light weight.

F6 MicroSphere Fairing Filler
Thickens to a white lightweight fairing compound for small to large areas. This closed cell structure can also be used for increased acoustic and thermal insulation.

Description	Size	Order#
High Load Adhesive Filler	15.2 oz	756691
	43 oz	759277
	30 lbs	759276
Structural Adhesive Filler	1.7 oz	756692
	5.5 oz	759279
	22 lbs	759280 N
Light Density Microfiber Filler	6 oz	756693 N
	20 oz	759282
	20 lbs	759281 N
Bridging Adhesive Filler	5.6 oz	756695
Light Density Fairing Filler	4 oz	756696
	12 oz	759284
	14 lb	759283
Microsphere Fairing Filler	5.2 oz	756941
	4 lb	759285 N

System Three has been formulating state-of-the-art, premium marine coatings, adhesives and putties for nearly thirty years. Their SilverTip® line of application specific products are highly refined and exceptionally easy to use. System Three produces an extensive range of products ideally suited for the marine professional and non-professional alike.

SilverTip Laminating Resin 2:1 Ratio

A premium epoxy formulation designed specifically for saturating and coating of fiberglass and other reinforcing fabric in both wood and composite boat building and repair. It features exceptionally fast wet-out and no amine blush. It cures to a brilliant clear film that sands easily and has excellent resistance to print through. This high modulus system provides greater stiffness to hull surfaces without the associated tendency to become brittle.

Size	Order#
Quart Resin	165476
Gallon Resin	165477
5 Gallon Resin	729153
Pint Fast Hardener	165478
1/2 Gal Fast Hardener	165479
Pint Slow Hardener	165480
1/2 Gal Slow Hardener	165484
2-1/2 Gal Slow Hardener	172080
2-1/2 Gal Fast Hardener	742866

Fast Wet-Out Blush Free

Clear Coat Epoxy Resin 2:1 Ratio

A low viscosity, 100% solids epoxy designed for super fast wet-out of fiberglass cloth or as a penetrating coating for sealing and protecting wood. Cures to a beautiful clear, tough, amine blush free film that is waterproof and unaffected by most solvents. Ideal for providing a clear, waterproof finish to exterior wood furniture. Requires a coat of System Three Urethane Varnish for UV protection.

Size	Order#
1.5 Pint Kit	734619
3 Qt Kit	155688

Fast Wet-Out Blush Free

T-88® Structural Epoxy Adhesive

High performance, non-brittle, two part epoxy adhesive designed to give superior results under adverse conditions. Will cure in any thickness without shrinking. Will cure to a clear amber and become virtually invisible when varnished. Will bond to most clean surfaces including wood, fiberglass, concrete, aluminum, steel and many plastics. 1:1 ratio.

Description	Order#
1 Pint Kit	166581
1 Quart Kit	166582
Adhesive Cartridge, 8.4 oz.	172089

Quick Cure® 5

A standard quick setting "five minute epoxy" system, mixed at a one to one ratio. Use for installing bungs, repairing missed staple holes prior to fiber-glassing, "tack welding" wood, and for those other glue jobs which require a small amount and a fast cure. Water resistant, but not waterproof.

Description	Order#
1/2 Pt Kit	170665
1 Pt Kit	170657
1 Qt Kit	170658
Cartridge, 8.4 oz., clear	172087

SilverTip® QuikFair

Sands easily after a 3-4 hour cure, allowing for 3 applications in an 8 hour workday. Features a non-sagging buttery smooth consistency that is exceptionally easy to apply. After final cure, 7 days at 77°, becomes extremely tough and abrasion resistant.

Size	Order#
4.5 oz. Kit	732492
24 oz. Kit	170589
1.5 Qt Kit	157005
3 Qt Kit	157006
1.5 Gal Kit	157007

General Purpose Resin 2:1 Ratio

Excellent pot life and cure-time control. When selecting a hardener consider the min. temp. expected during application and the required pot life. Great for wood construction and repair, gel coat blister repair, and general fiberglass repair. Use at temperatures as low as 35°F with no limitations on humidity.

Type	Size	Order#
Epoxy Resin	1 Quart	175742
Epoxy Resin	1 Gal	157982
Fast Hardener	Pint	176069
Fast Hardener	1 Quart	175743
Fast Hardener	1/2 Gal	166291
Med. Hardener	Pint	729145
Med. Hardener	Quart	730731
Med. Hardener	1/2 Gal	730730
Med. Hardener	1 Gal	157983
Slow Hardener	Pint	728188
Slow Hardener	1 Quart	728189
Slow Hardener	1/2 Gal	166292
Plunger Pumps	-	174605
60cc Syringe	-	170887

S-1 Sealer Epoxy

This two part clear penetrating epoxy sealer acts as a waterproof and chemical resistant primer on a variety of substrates including wood, concrete, metal, and fiberglass.

Description	Order#
2 quart kit	748323
2 gallon kit	748324

EndRot Repair Kit

Repair and restore damaged wood. Features a preservative treatment to eliminate fungus and wood-eating insects; a penetrating epoxy to restore structure damage to wood; and a moldable, sandable epoxy putty to replace missing wood. Components are available separately and in larger size for large projects.

SYT-4005K99 **Order# 164293**

Rot Fix Kits

A 100% solids, ultra low viscosity epoxy, formulated to penetrate deep into rot damaged wood. Restores structure and strength to damaged area so that further repair and painting is possible without total replacement. The 1.5 pint kit features measuring and applicator bottle. Also part of the EndRot kit.

Size	Order#
1-1/2 Pint	155691
1-1/2 Qt	155692

Sculpwood Moldable Epoxy Putty

A 2-component, solvent free, kneadable epoxy dough. Moldable, carvable, lightweight, strong, and exhibits excellent adhesion to a variety of substrates. Easily sanded and will accept paint, screws and nails. Use with System Three RotFix.

Size	Order#
2 Pint Kit	155693
2 Qt Kit	155694

Sculpwood Spreadable Epoxy Paste

A two-part system, ideal for patching cracks in damaged wood. Works on window sills, frames, furniture, etc. Forms a permanent bond to most rigid surfaces.

Size	Order#
4 oz Kit	742340
2 Pint Kit	732346
2 Qt Kit	732347

SilverTip® EZ Fillet

Formulated specifically for filleting applications in wood and composite boat construction and repair. Ready to use; simply mix and measure. All fillers have been added and specially processed and packaged to create a putty that is easy to apply, has superior strength, and will not slump or sag. 1.5 Qt Kit.

SYT-1430K42 **Order# 159898**

Fiberglass Cloth

Size	Order#
6 oz, 38"	117900
6 oz, 60"	117901
10 oz, 38"	117902
10 oz, 60"	117903

Pre-Cut Lengths

"E" Glass fiberglass cloth is now offered in convenient, pre-packaged lengths at a greater discount. Also still available in custom cut sizes.

SAVE ON PRECUT LENGTHS!

Size	1 Yard
6 oz, 38"	731477
6 oz, 60"	731482
10 oz, 38"	731487
10 oz, 60"	731492

Size	3 Yards
6 oz, 38"	731478
6 oz, 60"	731483
10 oz, 38"	731488
10 oz, 60"	731493

Size	5 Yards
6 oz, 38"	731479
6 oz, 60"	731484
10 oz, 38"	731489
10 oz, 60"	731494

Size	7 Yards
6 oz, 38"	731480
6 oz, 60"	731485
10 oz, 38"	731490
10 oz, 60"	731495

Size	10 Yards
6 oz, 38"	731481
6 oz, 60"	731486 N
10 oz, 38"	731491 N
10 oz, 60"	731496

Size	15 Yards
6 oz, 38"	731672
6 oz, 60"	731673
10 oz, 38"	731674 N
10 oz, 60"	731675 N

Fiberglass Cloth Tape

8 oz

Size	Order#
1"	117912
2"	117913
3"	117914
4"	117915
6"	117916
8"	117917
12"	117918

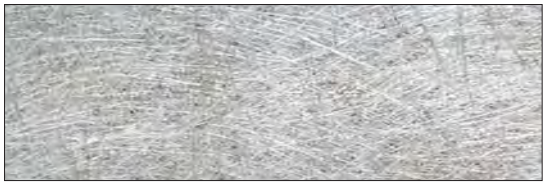
Fiberglass Mat Tape

113 yd roll

Size	Order#
4"	117924
6"	117925
12"	117923

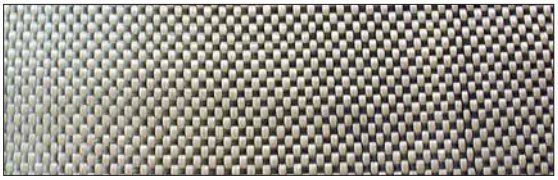
Fiberglass Mat

Size	Order#
1.5 oz, 38"	117906
1.5 oz, 50"	740279



Fiberglass Woven Roving

Size	Order#
24 oz, 38"	117910



Fiberglass Biaxial Cloth

Size	Order#
24 oz, 60"	117892

ORCA One Knit Fabrics

ORCA Double Bias Fabrics are stitch-bonded composite reinforcement combing equal amounts of continuous fiber oriented in the +45° and -45° or 0/90° and 0/90° directions into a single fabric. This construction offers off-axis reinforcement without the need to rotate other materials on a bias. The versatile fabric, made from high-quality fibers, is available in a variety of widths and weights to meet your particular requirements.

Size	Type	Order#	Yds/Roll
17 oz, 38"	+/– 45°	762589	52
17 oz, 50"	+/– 45°	762585	52
18 oz, 38"	0/90°	762590	50
18 oz, 50"	0/90°	762586	50

Accent Striping

Decorative self-adhesive trim. Durable and easy to apply. 50' rolls.
Actual color may vary from catalog representation

Size	Red	Black	White	Blue	Maroon	Forest Green	Gold
1/4" x 50'	138797	138795	138791	138796	-	-	167884
3/4" x 50'	138802	138798	138790	138799	-	-	138800
1" x 50'	138806	138804	138789	138805	138807	138808	140023
2" x 50'	138810	138816	138792	138815	138812	-	-

Air Rollers

Standard Rollers

Strong, long-life rollers made with deep grooves and thin fins provide excellent air release. Patented handle, rubber modified polpropylene design proven least tiring during long hours of use. Non corrosive 1/4" frames. Cleans easily in solvent.

Size	Order# Aluminum	Plastic
5/8" x 3"	102851	–
5/8" x 6"	102852	–
3/4" x 3"	102853	–
3/4" x 6"	102854	102855
1" x 3"	102856	–
1" x 6"	102857	102858
1-1/4" x 3"	102859	–
1-1/4" x 6"	102861	–

Economy Rollers

Small rollers for kits, on-site projects, small parts, mold-making, and all kinds of detail work

Size	Aluminum	Plastic
3/8" x 3"	102869	–
3/8" x 5"	102870	–
1/2" x 3"	102871	102872
1/2" x 5"	102873	102874
3/4" x 3"	102875	102876
1" x 3"	–	102877

Spiral Bristle Rollers

Spirally wound to produce strong laminations and roll out glass smoothly. Great for doing skin coat in tight places or corners. 1/4" frame.

Size	Order#
3/4" x 3"	102884
3/4" x 6"	102885
1" x 3"	102887
1" x 6"	102888

Coloring Agent

Color matching agents that blend with polyester resins, epoxy resins, gel paste, polyester fillers and putties. 1 oz. each. Colors 1 qt.

Color	Order#
Red	145267
Yellow	146511
Brown	145185
Blue	146512
Black	144687
White	145183

Paste Pigment

Use with epoxy and polyesters resins. 2 oz Containers.

Color	Order#
White	165486
Black	165487
Brown	165488
Blue	165489
Yellow	165490
Green	165491
Red	165492

Polyester Pigment

4 oz Containers.
Colors one gallon.

Part#	Color	Order#
HMF-PPBK	Black	117932
HMF-PPBL	Blue	117933
HMF-PPBR	Brown	117934
HMF-PPGR	Deep Green	117935
HMF-PPGY	Gray	117936
HMF-PPRD	Red	117940
HMF-PPWH	White	117941
HMF-PPYL	Yellow	117942

Polyester Resin

Superior multi-use resin ideal for all do-it-yourself repairs. Holds fiberglass material on vertical surfaces. Can be colored using Polyester Pigments. The hardener is a peroxide liquid hardener (MEKP) specifically for polyester resins.

Please Note: 5 and 55 gallon prices do not include hardener. 5 gallons of resin requires 5 tubes of hardener KDL-5F0607

Part#	Description	Size	Order#
HMF-W518	Resin General Purpose, Hardener Included	Quart	743636
HMF-W105501	Resin General Purpose, Hardener Included	Gallon	176010
HMF-W105	Resin Waxed General Purpose, No Hardener	5 Gal	117950
HMF-8040MVP	Resin No Wax Premium, No Hardener	Gallon	734550
HMF-NW105	Resin No Wax Premium, No Hardener	5 Gal	117930
FIB-603	Hardener Clear Tube	40 cc	144689
KDL-5F0607	Hardener Clear Tube	40 cc	120799
HMF-HARDENERRD	Hardener Red	4 oz	757850
HMF-HARDENER8	Hardener Clear	8 oz	744629
HMF-HARDENE8RD	Hardener Red	8 oz	748143
HMF-HP90GLCL	Hardener Clear	Gallon	117920
HMF-HP90GLRD	Hardener Red	Gallon	117921
BDI-30A	Hardener Dispenser	16 oz.	102895
TR-102	Mold-Release Wax Regular	14 oz.	134937
TR-104	Mold-Release Wax High Temp	14 oz.	134938
TR-108	Mold-Release Wax Basic	14 oz.	134939
HMF-CS	1/4" Chopped Strand	Quart	117894

No Wax Vinylester Resin

Vinylester resin, no wax, brushable, low styrene.

Part#	Size	Order#
HMF-V13886GL	Gallon	735544
HMF-V13886-5GL	5 Gallon	735545

Sea Hawk Gel Coat

Premium quality Isophthalic NPG gel coat formulated to meet rigid requirements in the boating, transportation, and sanitary applications. When applied in a thickness of 16-20 mils, it has the depth to survive considerable water sanding, compounding and repolishing. Sea Hawk Gel Coat has great cosmetic and protective life expectancy and will keep your hull shining like new for years. All Gel Coat includes separate containers of MEKP Catalyst (40CC per Gallon) and Wax Additive (4oz per Gallon).

Part#	Color	Quart	Gallon
SHK-NPG2017	Black	753082	753081
SHK-NPG5000	Neutral Tint	753085	753084
SHK-8115P	Snow White	752749	752748
SHK-NPG8003	Matterhorn White	753093	753092
SHK-NPG5002	Flag Blue	753087	753086
SHK-NPG7367	Vivid Red	753079	753078
SHK-NPG9093	Fighting Lady Yellow	753077	753076
SHK-NPG8035	Whisper Gray	752751	752750

Premium Polyester Gel Coat

Permanently repair or replace original, high-gloss finish. Cures to a tacky finish for re-coating. PVA Mold Release must be used to attain a fully cured surface. Fill gouges, chips, scrapes and deep scratches in fiberglass gel coat. A non-run, non-sag formulation of flexible polyester resins produces resiliency and toughness. Includes hardener.

Part#	Description	Order#
FIB-5673	Gel Coat, White, Pint	146457
FIB-5676	Gel Coat, Neutral Clear, Qt	147029
FIB-5685	PVA Mold Release, 8 oz.	159345

Gelcoat Repair Kit

For color matched repairs of scratches, gouges, and cracks in gelcoat. Includes repair paste, liquid hardener, 6 color pigments, cleaning solvent, mixing cup, spreaderstick, special release paper, and instructions. FIB-668 **Order# 159671**

Gel Coat Scratch Patch

Easy permanent repairs on hairline cracks, small scratches and chips in fiberglass. 1-part formula. 1/2 oz. tube. White. LAN-5652 **Order# 121014**

Teak Decking System Fitting Epoxy

A blend of high quality epoxy resins, activators and additives for outstanding adhesion to fiberglass, wood, aluminum and steel. Special additives enhance strength, bond strength and viscosity control under adverse environmental conditions. Non-corrosive and is eco-friendly. TDS-FE180A-

Size	Order#
1 Gallon	733976
2 Gallon	733977

Polyvinyl Alcohol Film Solution

Water/alcohol based solution of water-soluble, film forming materials. Creates a parting barrier between polyester or epoxy resins and mold surfaces. One gallon covers approximately 400 sq ft. RPA-PVA-GL
Order# 128746

Polyurethane Foam 2-Part Kit

A two-part liquid urethane closed cell foam. For use in hulls and cavities for flotation or insulation. Not affected by gas or oil. Mix ratio is 1 to 1.

Size	Order#
2 Qts (2.5 cubic ft)	757269
2 Gal (5 cubic ft)	735745

Fiberglass Resin Thinner

Designed to improve brushability and enhance flow control to any polyester resin. Contains Styrene.

Size	Order#
Quart	176183
Gal	120783

Fiberglass Wax Solution

A polyester additive for resin and gelcoats used to produce a tack-free surface. Use 2 oz. per gallon. Pint. HMF-1970PT
Order# 732252

Premium Marine Filler

Water resistant Vinylester filler designed for fiberglass repair work above or below the waterline. It is ideal for repairing decks, hulls and other fiberglass components. Can also be used to treat gelcoat blister damage. MMM-4600

Size	Order#
Pint	143586
Quart	143587
Gallon	167568

Acryl-Marine Putty

For filling pinholes, scratches and other surface defects on hulls. Easy sanding, fast drying, spreads easily, and has low shrinkage. White. 14.5 oz. MMM-05095
Order# 736089

Lightweight Body Filler

This filler has a creamy texture, spreads smoothly, easy to sand and is vacuum processed to minimize pinholing. Cures tack-free. Includes hardener.

Size	Order#
Gallon	744754
Quart	744755

Marson Platinum Filler

Premium lightweight filler. Super adhesion to galvanized steel, aluminum, fiberglass, SMC, e-coat and wood. Stain-free, tack free, easy to sand. Includes hardener. Gallon. MMM-01171 **Order# 733688**

Dyna-Hair™ Filler

Chopped fiberglass filler for use on metal, fiberglass and wood. Includes hardener. Quart.

Type	Order#
Long Strand	733698
Short Strand	733696

Fiberglass Resin Jelly

Milled reinforced fiberglass, non-drip jelly formula. Great for vertical surfaces. Spreads easily, sandable in 20-30 minutes. Waterproof. Cream hardener included. 1 quart. HMF-432QT
Order# 729342

E-Z Glass Hull/Deck Putty

Reinforced fiberglass filler. Hardener not included.

Size	Order#
1 Gal	117944
5 Gal	117943

Formula 27 All Purpose Filler

The finest quality extra-white plastic waterproof filler for filling dents, scrapes and gouges in wood, metal, fiberglass, and concrete. A true miracle mender that won't shrink crack or pop out. A long time favorite of consumers everywhere. Hardener included.

Size	Order#
1/2 Pint	754016
Pint	754015
Quart	754014

Protective Sleeves

18", elastic at both ends. One size fits all. Sold by the pair. HMF-40033 **Order# 173363**

Shoe Covers

Heavy duty with elastic top. One size fits all. Sold in pairs. HMF-40036
Order# 732356

Coveralls

Breathable, full hood, elastic cuffs, ankles and waist, breast pocket, two side pockets, large rear rag pockets, two way front zipper and ankle zippers. **Pro-Guard** has the same features with complete protection against airborne particulates and microfibers.

Pro-Comfort Size	Order#	Pro-Guard Size	Order#
L	173366	L	165414
XL	173367	XL	165415
2XL	173368	2XL	165416
3XL	173370	3XL	165417
		4XL	165418

Protective Spray Sock

Quality, protective face spray mask. One size fits all. **Order# 173360**

Full-Cover Spray Hood

New!

Provides maximum coverage, forms air-pocket around nose and mouth with tight fit around wearer's eyes. Wear it on it's own, over a mask, in conjunction with a respirator, or as a liner under a hardhat, helmet, or faceshield. One Size.

Part#	Qty	Order#
VTF-P00601	6 pk	762580
VTF-B05001	50 pk	762581
VTF-C40001	400 pk	762582 N

Fiberglassing Gloves

12" yellow latex, flock lined. Provides resistance against a broad range of industrial solvents.

Size	Order#
Small	762642
Medium	762643
Large	762644
XLarge	762645

Powdered Latex Gloves

Natural colored.

Size	Order#
S	733963
M	142434
L	117967
XL	142435

Textured Nitrile Gloves

Diamond-textured, orange.

Size	Order#	Size	Order#
M	761686	XL	756920
L	756919	2XL	761680

Heavy Duty Nitrile Gloves

Size	Order#
S	749766
M	749213
L	117982
XL	117983
2XL	755491

VINYL

3M Vinyl Cleaner & Restorer

Cleans, shines, conditions and protects vinyl, rubber and plastic surfaces. Deep cleans dirt and grime & enhances appearance. Restores natural sheen & protects surfaces. Fresh lemon scent. 15 oz.
MMM-09029 **Order# 160595**

3M Outdoor Vinyl Cleaner, Conditioner and Protector

Cleans, conditions & protects marine vinyl & rubber components. Unique gel formula provides durable protection in exterior & interior applications. Better application control than liquids. 8 oz. MMM-09023 **Order# 123406**

Star brite Vinyl Cleaner & Shampoo

Wipes away grime. Restores original, fresh color. No harsh chemicals. Use on vinylized canvas, chairs, cushions and foul weather gear. 16 oz.
STA-80216 **Order# 131924**

POLISHING

FLITZ Polishing & Buffing Ball

Safely & easily buffs out scuff marks, light scratches, oxidation, chalking, tarnish, pitting & corrosion. Soft Italian viscose fiber. Fits all drills, air tools, drill presses and bench grinders. Can be machine washed and reused up to 30 times. Will not shed lint. Drill not included.
FLT-PB101
Order# 150002

METAL

Never-Dull

"Magic" Wadding Polish cleans brass, aluminum, nickel, copper, steel, chromium, zinc & gold. Won't scratch even the most delicate surfaces. NEV-NEVERDULL
Order# 125161

Liquid Metal Polish FLITZ

Protects from as well as removes corrosion. Guaranteed to clean and protect against rust, tarnish, water stains and salt, or fresh water corrosion. 8.5oz. FLT-LQ04587 **Order# 149995**

The Must for Rust Gel

Dissolves rust and protects metal. Inhibits future rust formation for up to 12 months, if left bare. Works in 15 to 30 minutes. 8 oz
SUR-633865 **Order# 764186**

Chrome & Stainless Steel Polish Star brite

Helps keep both new and older boat metals looking great. Quickly and easily removes grit, grime & grease. After a light buffing, the formula leaves a protective barrier to help prevent future pitting, salt deposits, and discoloration from rust and corrosion. 8 oz. STA-82708
Order# 131950

FLITZ Paste Metal Polish, Fiberglass & Paint Restorer

A concentrated cream that is unequaled in its ability to clean, polish, deoxidize and protect. Durable protection up to 6 months in fresh water and up to 3 months in saltwater. Non-abrasive formula. Non-toxic & non-flammable.

Part#	Size	Order#
FLT-BP03511	1.76 oz	**149990**
FLT-BU03515	5.2 oz	**149993**
FLT-CA03518	2 lb. can	**149994**

Collinite's Metal Wax

Cleans and protects chrome, aluminum, copper, brass and stainless steel in one easy step. Will safely remove rust and salt deposits while protecting marine fittings and car, truck and motorcycle metal finishes.
CLT-850 **Order# 146796**

Brasso Metal Polish

Cleans and polishes brass, copper, chrome, stainless steel and pewter. Gives a long lasting smooth, polished surface and brilliant shine.
HTV-207019 **Order# 108107**

INFLATABLE BOAT CLEANERS

Inflatable Boat Cleaner

Effectively cleans PVC, vinyl, hypalon, EVA, nylon, plastic, neoprene and polyurethane materials. Helps prevent corrosion of metal, rubber or nylon hardware. Won't fade covers. 32 oz.
MK-3832 **Order# 123161**

Inflatable Boat Cleaner

Environmentally safe and biodegradable formula quickly and easily removes dirt and grime from your inflatable boat without damaging the surface. Perfect for Rigid Inflatable Boats, nonrigid inflatable boats, and even kayaks. 16 oz. MEG-M3716
Order# 742361

GENERAL PURPOSE

Star brite Xtreme Clean All Purpose Boat Cleaner

Heavy duty cleaner formulated to whisk away grime, grease, oil, fish blood and stains. Simple spray on, wipe off application. 22 oz.
STA-83222 **Order# 752511**

Roll Off

Cleans dirt that other cleaners can't touch and rolls off with little or no rubbing. A non-acid product that is biodegradable and environmentally safe. Inhibits rust and leaves a wax-like finish that resists dirt.

Part#	Size	Order#
BCC-0010	Quart	**102840**
BCC-0020	Gallon	**102841**

On & Off Hull & Bottom Cleaner

Immediate cleaning action. Apply with a natural bristle paint brush and rinse off with water. No scrubbing, no waiting. All stubborn heavy waterline stains, algae, scum, and yellow exhaust fumes will be removed instantly. Will not harm gelcoat.

Part#	Size	Order#
MK-2032	Quart	**123145**
MK-20128	Gallon	**123144**

On & Off Hull & Bottom Cleaner Gel

Unique gel formula clings to the surface to break down grease and oil and remove scum lines and stains. Blue color makes it easy to see where the product has been applied. Works fast! Just brush on and rinse off. Pleasant scent.

Part#	Size	Order#
MK-3532	Quart	**171993**
MK-35128	Gallon	**171992**

The Original Krud Kutter

Concentrated cleaner/degreaser & stain remover. Non-toxic, biodegradable. Cuts grease, grime, oil and wax. Cleans tile and grout. Can be diluted or used at full strength for heavy duty cleaning.

Part#	Size	Order#
SUR-813873	Qt	**734781**
SUR-813865	Gal	**736339**

Super Clean Multi-Purpose Degreaser

Solubilizes grease on contact, neutralizing its ability to stick. Removes grease, oil, wax and dirt. Can be used outdoors and indoors. Biodegradable, phosphate-free, non-abrasive, and non-flammable. Can be used full strength or diluted. VOC compliant.

Size	Order#
32 oz	**700352**
Gallon	**700348**
2.5 Gal	**700349**

PinkStuff

Designed as an engine degreaser to eliminate the use of petroleum hydrocarbons. Removes soap scum and leaves surfaces sparkling. Biodegradable, non-toxic. Gallon. GMS-105 **Order# 115477**

Dirtex Cleaner

Ammoniated spray cleaner. Excellent for glass, chrome, porcelain, ceramic tile, appliance enamels, etc. Removes dirt, grease and grime with just a wipe and also removes latex paint overspray.
HMC-10761 **Order# 169044**

General Purpose Adhesive Remover 3M

A VOC compliant (20%) solvent-based aerosol adhesive remover. Quickly removes wax, grease, oil, sap, bug and adhesive residue. Will not harm most cured automotive paints. Suitable for vinyl and glass surfaces 12 oz.
MMM-38983 **Order# 740454**

Water Magnet® Microfiber Drying Towel

Ultra-plush, reduces drying time with less wring-outs by absorbing up to two times the water of traditional terry towels. The extra large 22" x 30" waffle texture wrings out easily and leaves a spot-free finish. MEG-X2000
Order# 759494

HULL CLEANERS & WAXES

Heavy Duty Color Restorer

Mild boat & RV surface cleaner. Safely removes moderate oxidation and stains on all fiberglass and painted surfaces. Mild alternative to a harsh compound. Follow with a marine polish and protectant. 16 oz. MEG-M4416 **Order# 122659**

Boat & RV Pure Wax

Durable, high gloss protection for fiberglass and all painted surfaces. Blend of pure Brazilian carnauba wax with silicones, polymers and resins to maintain extraordinary gloss and protection. 16 oz. MEG-M5616 **Order# 122673**

One Step Compound

Cleans and restores gloss to gel coat surfaces in one step. Removes oxidation, scratches, and stains. Apply by hand or with machine. An aggressive but safe cutting compound. 32 oz. MEG-M6732 **Order# 165841**

Boat/RV Vinyl & Rubber Cleaner

Cleans and revitalizes vinyl and rubber surfaces. Restores color with a rich natural sheen, not the typical artificial shine produced with conventional protectants. Screens out damaging UV rays that can dry out and crack the surface.16 oz. MEG-M5716 **Order# 122674**

Quik Wax Spray

Wax your boat as you dry to create a brilliant gloss and add wax protection. Quickly and easily maintains gloss between periodic waxings. Suitable for use on fiberglass, painted surfaces, stainless steel, clear plastic and other non-porous surfaces (Do not use on glass windows). Use wax only after the surface has been cleaned. 16 oz. MEG-M5916 **Order# 122676**

One Step Cleaner/Wax

Non-abrasive liquid formula that cleans, polishes and protects in one easy step. Removes light oxidation and haze, minor scratches and swirls. Provides long-lasting protection against salt air, corrosion and the sun's ultraviolet rays.

Size	Order#
16 oz.	**122666**
32 oz.	**173960**
Gallon	**122664**

One Step Cleaner/Wax Paste

Cleans, polishes and protects all boats and RV's in one easy step. Removes light oxidation and haze, minor scratches and swirls. Provides long-lasting protection against salt air, corrosion and the sun's ultraviolet rays. 14 oz. MEG-M5014 **Order# 122665**

Heavy Duty Oxidation Remover

Safely eliminate light to moderate scratches, and water spots. Wax and silicone free. A gentle and highly effective alternative to rubbing compounds. Use on all fiberglass, high-tech paint or gelcoat surfaces.

16 oz. **Order# 122663**

Flagship Premium Marine Wax

Dramatically enriches color and shine. Adds tough, long-lasting protection. Removes light oxidation and dullness. Protects gelcoat from UV damage.

Size	Order#
16 oz	**154235**
32 oz	**173959**

Flagship Ultimate Quick Wax

Mist on, wipe off wax. Can be applied in direct sunlight, marine's longest lasting protection from a spray wax, no white residue! Contains hydrophobic polymer technology. MEG-M14016 **Order# 743541**

Premium Marine Paint Polish & Protectant

Protects and rejuvenates marine paint and LP finishes while delivering depth, high gloss and durable protection. Effectively removes mild oxidation and water spots. Works great on gel coat, Awl Grip and Alexseal. 16 oz. MEG-M197 **Order# 757640**

Flagship Premium Cleaner/Wax

Effortlessly removes light oxidation and water spots, minor scratches and haze while adding brilliant gloss and superior protection. For fiberglass, painted and gel coated surfaces. 32 oz. MEG-M6132 **Order# 757641**

Collinite's Fiberglass Liquid Boat Wax

Restores blemished fiberglass, while preparing surface for follow-up wax application. Restores neglected finishes affected by weathering. Preps surface for follow-up wax shine and protection. Improves wax bond, spread and staying power.

Part#	Size	Order#
CLT-920	Pint	**148914**
CLT-9201	1/2 Gal	**151746**

Collinite's Fiberglass Boat Wax

Easily applied, non-abrasive, protective coating for fiberglass. Contains polymers, carnauba wax and other ingredients. Assures protection against sun, acid rain, salt spray, grime, exhaust stains, etc. Pint. CLT-925 **Order# 154675**

Collinite's Heavy Duty Fleet Wax

Cleans, protects and beautifies marine finishes in one easy step. No hard rubbing or buffing. Contains rare, pure carnauba waxes combined with advanced polymer technology. Leaves double coating of protection that lasts and lasts.

Part#	Size	Order#
CLT-870	Pint	**146797**
CLT-870-1	1/2 Gal	**163973**

All-Off™ Hull & Bottom Cleaner

Removes waterline, algae, rust and gas exhaust stains from your boat's bottom and hull areas instantly. Softens barnacle rings and zebra mussels for easy removal. Will not harm fiberglass. Biodegradable.

Size	Order#
Quart	**752509**
Gallon	**752510**

Boat Zoap

An all-purpose, non-caustic cleaner that works in fresh or salt, hot or cold water. Removes gull droppings and harbor scum. Great for washing pots, pans, stoves, sinks and sails. Leaves surface film-free and sparkling clean. Biodegradable.

Size	Order#
Quart	**133273**
Gallon	**732215**

Boat Zoap Plus

Heavy duty, works like powders without the abrasion. Double-action emulsification removes scum, smudges, oil and grease. Ideal for fiberglass. Will not damage finish or gelcoat surfaces. 100% biodegradable.

Size	Order#
Quart	**732217**
Gallon	**732216**

Fiberglass Restorer and Wax

Heavy duty, works without the effort or damaging effects of many rubbing compounds. Restore color and depth to oxidized fiberglass or painted finishes. Wipe on easily with a cloth. Can be used in the sun or shade with equal ease.

Part#	Size	Order#
SUD-410	11 oz Paste	**129074**
SUD-413	16 oz Liquid	**129076**

Miracle Coat Satin Wax

Powerful oxidation removers return the shine to your boat or RV with minimal work. UV inhibitors & carnauba wax provide long lasting protection against the elements. 10 oz. resealable can. SUD-59010 **Order# 752506**

Collinite's Fleetwax Paste

Seal and shield against acid rain, sun, salt spray, bugs and other environmental acids. Easily applied and non-abrasive, wax will prevent finish deterioration. 12 oz. CLT-885 **Order# 148913**

Trewax Boat Wax

Contains carnauba plus polymers for unmatched durability and brilliance. Easily applied in sun or shade without streaking. 12 oz. MK-0066 **Order# 123140**

Ron's Boat & Marine Carnauba Wax

100% Brazillian carnauba wax designed for watercraft. Paste wax that contains no clays, plastersizers or emulsifiers to inhibit the UV value & longevity. Will give you a bright, lustrous, hard, long lasting shine under harsh weather conditions. Made in Maine! 16 oz. RDW-08115 **Order# 749032**

Marine Fiberglass Cleaner & Wax

Designed to remove LIGHT to MEDIUM oxidation, clean, polish and protect fiberglass/gelcoat and marine topside paints. Unique liquid formulation combines a compound with a special blend of waxes which restore shine and protect in one application.

Part#	Size	Order#
MMM-09009	16 oz.	**123402**
MMM-09010	32 oz.	**167186**

Marine Fiberglass Restorer & Wax

Designed to remove HEAVY oxidation, chalking, fading, minor scratches, rust and exhaust stains; plus provide protection on fiberglass/gelcoat and marine topside paints. Unique formulation combines a rubbing compound with a special blend of waxes which restores shine and protects in one application.

Part#	Size	Order#
MMM-09005	16 oz.	**123401**
MMM-09006	32 oz	**167768**

Color/Gloss Restorer

Resurrect the gloss in your boat's gelcoat with this compound/polish that combines an exceptionally fast cutting compound with a finishing material in one. It removes light to heavy oxidation, scratches, stains, blemishes, and fine swirl marks that compounding normally leaves behind on fiberglass gelcoat. 500 ml. MMM-09089
Order# 177076

Scotchgard Marine Liquid Wax

Designed for the harsh marine environment and provides protection from the sun's damaging ultraviolet rays. Safe for use on fiberglass, gelcoat, marine topside paints, and marine metals.

Part#	Size	Order#
MMM-09061	500 ml	**171444**
MMM-09062	1000 ml	**171445**

Clean & Shine Wax Enhancer

Recaptures that just waxed look and feel. Excellent for use on wet or dry surfaces; no water needed! Enhance the shine of your boat's fiberglass gelcoat, marine topside paint, painted aluminum or metal parts. 15 oz.
MMM-09033 **Order# 143593**

Super Duty Rubbing Compound

Recommended for aggressive compounding of heavily oxidized gelcoat and marine paint. Buffs to high gloss with a minimum of swirl marks. Apply by hand or machine.

Part#	Size	Order#
MMM-09004	16oz	**140855**
MMM-05954	32oz	**123340**
MMM-05955	Gallon	**156076**

Finesse-It™ II Finishing Material

To recapture that high gloss 'wet look' finish. Ideal for the final polishing of fiberglass and painted boat surfaces. Does not contain wax or silicone and will remove minor scratches and light oxidation without leaving any swirl marks.

Part#	Size	Order#
MMM-09048	16 oz.	**140854**
MMM-35928	32 oz.	**123337**

Imperial™ Compound & Finishing Material

Designed to remove a P600 or P800 dual action sand scratch from gelcoat, with a wool pad. Designed to be used with an air or electric buffer equipped with a compounding buff pad.

Part#	Size	Order#
MMM-06044	Qt	**147962**
MMM-06045	Gal	**740339**

Perfect-It™ Gelcoat Compounds

Light Plus Wax: For light or dark colored gelcoat. **Medium Plus Wax**: Fast cutting power, high gloss finish, and durable wax protection. **Heavy:** removes heavy oxidation, scratches, and other defects. **Wax:** protects gelcoat, paint, fiberglass, and metal finishes against the elements.

Type	Size	Order#
Light Plus Wax	Pint	**760878**
	Quart	**760879**
Medium Plus Wax	Pint	**760876**
	Quart	**760877**
Heavy	Pint	**760874**
	Quart	**760875**
Wax	Pint	**760880**
	Quart	**760881**

Protective Paste Wax

Designed to provide high gloss and protect fiberglass/gelcoat, marine topside paints, painted aluminum and marine metal parts. Easy on/easy off formulation provides durable wax protection which also retards ultraviolet light. 9.2 oz. MMM-09030
Order# 123408

MaxiWax Cleaner Wax

Easy, one-step wax for all fiberglass and metal. Cleans, protects and shines. Also contains special ultraviolet inhibitors.

Part#	Size	Order#
MK-2000	16 oz.	**123142**
MK-2001	32 oz.	**123143**

Owatrol Gel Coat Restorer

Restores original color and dries out to a tough flexible finish. Long lasting and penetrates deep into gelcoat. Eliminates the need for waxes and polishes that sit on surfaces and dry out quickly.

Part#	Size	Order#
OWA-GELCOATR5L	1/2 Liter	**741401**
OWA-GELCOATR1L	Liter	**741402**

Marine Spray Nine

Removes grease, gas & oil, black streak, heel & scuff marks, algae & mildew, suntan lotion, fish blood, bait soils, silt & rust, cooking stains, smoke deposits & more. Cleans fiberglass, vinyl, plastic, rubber, nylon, dacron, polyester, cotton, aluminum, stainless steel, metal surfaces & carpeting. 32 oz.
KNG-26932 **Order# 120830**

Incredible Pink

Non-toxic, biodegradable, non-flammable. The most versatile cleaner and degreaser in the world!

Part#	Size	Order#
CQI-104SQT	32 oz	**743563**
CQI-108673	Gallon	**762301**

Citra-Plus

Non-toxic, biodegradable, non-flammable concentrated super citrus cleaner with a new non-coughing and low foaming formula. 32 oz.
CQI-804QT **Order# 743564**

Star brite Marine Polish

Equally good for new boats as it is great for older boats. Helps stop fading caused by UV rays. No hard rubbing required. Lasts up to 4 times longer than other polishes. 16 oz.
STA-80116 **Order# 131923**

Star brite Marine Polish w/Teflon®

For fiberglass, metal & painted surfaces. UV inhibitors help stop fading and oxidation. Leaves a super smooth, non-stick coating which reduces drag and repels dirt, grime, oil and stains.

Part#	Size	Order#
STA-85716	16 oz. Liquid	**131985**
STA-85714	14 oz. Paste	**131984**

Star brite Sea Safe™ Biodegradable Deck Cleaner

Cleans away dirt and stains from flat and non-skid decks. Leaves a durable, protective coating to seal deck surfaces. Biodegradable, environmentally friendly formula. For use on fiberglass, metal and painted surfaces. Will not remove wax or polish. 32 oz. STA-89739
Order# 730170

Star brite Hull Cleaner

Makes cleaning your hull quick and easy. Contains no strong acids or harsh chemicals. Will discolor some antifouling bottom paints so take precautions to prevent contact. Much safer on your hull then competitive acid based bottom cleaners. 32 oz. STA-81732
Order# 131940

Star brite Liquid Rubbing Compound

Removes stains, medium oxidation, and light scratches. Use on fiberglass, metal, and painted surfaces. Designed for light to medium duty applications. 16 oz. STA-81316 **Order# 131932**

Star brite Sea Safe™ Biodegradable Boat Wash Soap

An environmentally-responsible boat cleaning product that really works. The low-sudsing, biodegradable formula is concentrated for maximum cleaning power and economy. Lake safe, and can be used while the boat is in or near the water. Cleans all marine surfaces. 32 oz.
STA-89732 **Order# 148263**

Star brite Non-Skid Boat Deck Cleaner with PTEF®

Cleans textured fiberglass or painted decks. Special chelating agents loosen dirt without the need for heavy scrubbing. The PTEF polymers provide a barrier against future stains. Also cleans non-textured areas. 32 oz. STA-85932
Order# 131986

FABRIC CARE

303 Aerospace Protectant™
"SPF 40 Sunscreen For Your Stuff!" Powerful UV screening protection for colored gel-coat fiberglass, inflatable boats, vinyl, clear vinyl windows, rubber, plastics & leather. Spray on/wipe dry. Treated surfaces repel dirt, soiling, staining, water spots, salt water and mildew. Non-toxic & environmentally safe.

Part#	Size	Order#
TOT-303	16 oz. Spray	**134884**
TOT-303GL	1 Gallon	**134886**

303 High Tech Fabric Guard™
Restores lasting water repellency to marine canvas. It stops leaks, protects against soiling and both water & oil based stains, and resists mildew formation and UV sun damage. Spray on, let dry. Every 16 oz. treats 75-100 sq. ft. of marine canvas.

Part#	Size	Order#
TOT-030616	16 oz.	**153889**

303 Fabric Cleaner
Concentrated all purpose cleaner for carpets, upholstery, vinyl, rubber, leather, plastic and much more. Safely removes oil, grease, ink, coffee, tea, wine, juice, blood, and tons more. 32 oz. TOT-030204 **Order# 755387**

Fabric Waterproofer
Premium grade. Restores the water repelling qualities of cotton and synthetic fibers and helps to prevent rot and mildew stains.

Part#	Size	Order#
MK-6332	Quart	**123172**
MK-63128	Gallon	**163508**

Star brite Sail & Canvas Cleaner
Removes dirt, grease and mildew stains and brightens whites and colors. Concentrated formula that will not weaken fabric or thread and is ideal for boat covers and sails. 16 oz.
STA-82016 **Order# 131943**

Kiwi Camp Dry™ Heavy Duty Water Repellant
Tough silicone protection for leather, canvas, outdoor gear and all breathable material. Silicone bonds to fabric to create an extremely effective water barrier. Use on tents, tarps, boots, boat covers, patio furniture & more! 12 oz.
HTV-610774 **Order# 141441**

STAIN REMOVERS

Star brite Rust Stain Remover
Eliminates unsightly rust stains from boats, RVs, exterior walls of homes, etc. The formula begins working on contact, dissolving the oxidation. No heavy scrubbing needed. 22.oz spray. STA-89222 **Order# 132008**

Propco Y-10 Stain Absorbent
Absorbs yellow/brown waterline & transom stains on white & light colored fiberglass boats.
16 oz. PR-Y-10 **Order# 127501**

Davis FSR Fiberglass Stain Remover
Stain absorbing gel, ideal for removing oil, rust, exhaust, waterline and transom stains. Eliminates road soil from trailered boats and recreational vehicles. Safe to use on white painted surfaces and gel-coat.

Part#	Size	Order#
DAV-790	16 oz	**138001**
DAV-792	67.8 oz	**740084**

Black Streak Remover
Instant, no scrubbing, no fuss. Fast & effective, commercial grade, biodegradable. 32 oz.
MK-6732 **Order# 144113**

Star brite Instant Black Streak Remover
Begins working on contact to eliminate black streaks caused by water runoff. Safe for use on fiberglass, vinyl, rubber, plastic, metal and painted surfaces.

Part#	Size	Order#
STA-71622	22 oz.	**131910**
STA-71600	Gallon	**741926**

WATER CONDITIONING

Star brite Aqua Water Treatment & Freshener
Prevents foul tasting/smelling potable water. Use when needed to ensure quality of bathing and drinking water and ice. 1 oz treats 20 gallons of water.

Part#	Size	Order#
STA-97008	8 oz	**752513**
STA-97016	16 oz	**752514**

Star brite Aqua Water Shock
Instantly removes bad taste or smells from boat or RV's potable water. Ideal for use after seasonal storage to "freshen" water tanks. 1 oz treats 10 gallons of water. 16 oz. STA-97116
Order# 752512

Water Conditioner
Prevents potable water from picking up smell or taste from tank walls and pipes. Keeps water fresh for up to 1 year. One teaspoon treats 100 gallons of water. 4 oz. Non-toxic.
STA-91504 **Order# 738610**

Aqua Fresh Water Freshener
For fresh tasting, odor free drinking water from fiberglass, plastic or metal tanks. Absolutely safe and non-toxic. 100% biodegradeable earth-friendly formula. Eight 2 oz packets.
SUD-830 **Order# 133276**

PLASTIC

Clear Plastic Cleaner
Quickly removes contaminants & scratches in one easy step. 8 oz.
MEG-M1708 **Order# 122650**

Clear Plastic Polish
Formulated especially for cleaning and safely removing fine scratches from plastic. 8 oz. MEG-M1808 **Order# 122651**

Plexus Plastic Cleaner
Gently cleans, protects & polishes plastic without scratching. Seals the surfaces with a micro-thin layer of protective wax making the plastic resistant to debris, oil, scratches, and eventual yellowing. 13 oz. BTI-20214
Order# 166256

BILGE CLEANERS

Bilge Klean Bilge Cleaner
Biodegradable. The motion of the boat cleans the bilge. Gallon.
GMS-BCGL **Order# 115478**

Big Bully Bilge Cleaner
Tough citrus cleaning power dissolves grease and oil and absorbs odors. Leaves bilge areas clean and fresh. Biodegradable. 32 oz. MK-2332
Order# 123148

Automatic™ Bilge Cleaner
Heavy duty, concentrated. Dissolves, emulsifies & combines grease, oil & scum with bilge water. Automatically reaches difficult places with the roll of the boat. Kills bilge odor; saves scrubbing time. 98% biodegradable.

Part#	Size	Order#
SUD-800-Q	Qt	**133272**
SUD-800-G	Gal	**133271**

MILDEW

Star brite Mildew Stain Remover
Removes mildew on contact. Use on boat tops, vinyl cushions, vinyl chairs, vinyl canopies, tile, grout, shower stalls and curtains, mats and awnings.

Part#	Size	Order#
STA-85616	Qt	**131983**
STA-85600	Gal	**759311**

Mildew & Stain Remover
Quickly removes mildew and mold stains on vinyl and almost any hard surface. Great for use on cabin interiors, fiberglass, plastic, sinks, tile & grout. Do not use on wood, painted surfaces, carpet and fabrics. 1 Quart.
MK-3732 **Order# 123160**

Mildew Remover
Fantastic mildew cleaner and stain remover. Not only removes ugly mildew stains, but also cleans and restores soiled areas. Fast acting spray on, wipe off formula. 100% biodegradeable earth-friendly formula. 32 oz spray. SUD-850Q
Order# 133278

ODOR CONTROL

FORESPAR Tea Tree Power Mold & Mildew Eliminator

A natural air cleaner formulated especially for marine use. Blended using 100% Australian tea tree oil, it maintains healthy air quality and leaves a subtle, naturally clean scent throughout the boat. Non-toxic and bio-degradable. It is fast and effective with long-lasting protection to maintain healthy cabin air.

Part#	Description	Order#
FOR-770201	2 oz Gel	**747968**
FOR-770202	4 oz Gel	**748037**
FOR-770203	8 oz Gel	**748038**
FOR-770204	16 oz Gel	**748079**
FOR-770207	8 oz Spray	**748080**

Fresh Wave™ Odor Neutralizers

A natural odor solution, safe to use around people and pets. Effectively neutralizes a broad spectrum of odors, from smoke and fish to vacuum exhaust, mildew, musty clothes and more. Made with natural extracts of lime, pine needles, aniseed, clove, cedar wood and soya.

Part#	Description	Order#
FRE-001	Spray, 8 oz	**733048**
FRE-005	Crystal Gel, 15 oz	**733050**

Kanberra™ Odor Eliminator Gel

Uses the power of Tea Tree Oil to leave your air odor free and clean while working to prevent and inhibit mold, mildew, fungus, and bacteria in the air and on surfaces of the room. Eliminates odors at the source.

Part#	Size	Order#
KBA-KG02MAR	2 oz	**741107**
KBA-KG04MAR	4 oz	**741108**
KBA-KG08MAR	8 oz	**741109**

Microbial Powder

Can be pre-mixed with water (fresh or salt) or wetted down after application. Once the microbes and water have been applied, the area can be scrubbed down and washed off or in natural areas, simply left to break down the containment. 6 oz Shaker.
YYE-MICROPWDR6 **Order# 750637**

Star brite

Mold/Mildew & Odor Control

Use anywhere mildew odor and musty smells are a problem. Eliminates unpleasant, musty odors. Formaldehyde free, nontoxic. Will not harm humans, pets or the environment.

Release	Size	Qty	Order#
Slow	10 gram	2pk	**737099**
Fast	10 gram	1	**755689**

DEHUMIDIFIERS

Star brite

No Damp Dehumidifier Hanging Bags

Designed to help prevent musty odors in stored boats, RVs or seasonal homes. Absorbs airborne moisture to help prevent mildew smells. Eliminates mildew odor and other musty odors. Features spillproof bag to safely hold collected moisture. 14 oz.
STA-085470 **Order# 759313**

Moisture Absorber

MARYKATE

Dries air in cabins, lockers, closets, rooms, basements, & other enclosed areas. Super-dry, concentrated pellet formula absorbs up to 50% more moisture than flake formulas. MK-6912 **Order# 144114**

TOILET TREATMENTS

Toilet Conditioner

Sudbury

Cleans, lubricates and deodorizes. Keeps all parts of the marine toilet clean and in efficient working condition. Eliminates rather than masks odors. Non-caustic. For use with fresh or salt water. 95% biodegradable earth-friendly formula. Quart. SUD-825-Q **Order# 133275**

SanX TDX Treatment Chemical

Biodegradable. For use in SanX One and TDX waste treatment systems. Gallon.
SLD-348666 **Order# 131148**

THETFORD Corporation

Toilet Seal Lubricant & Conditioner

Silicone-based formula, extends the life of toilet seal. 24 oz. THE-36663 **Order# 171077**

Star brite

Instant Fresh Toilet Treatments

The safe and easy way to control holding tank odors. Non-staining, non-formaldehyde, biodegradable formula allows pump out at any dumping station. Breaks down waste quickly and efficiently.

Part#	Description	Order#
STA-71716	Lemon Scent, 16 oz.	**131914**
STA-71718	Pine Scent, 16oz.	**131916**
STA-71732	Lemon Scent, 32 oz.	**131917**
STA-71734	Pine Scent, 32 oz.	**131918**
STA-71701	Lemon Scent, 1 Gallon	**131911**
STA-71761	Lemon Scent, 6-8oz. Bottles	**131919**
STA-86416	Toilet Bowl Cleaner, 16 oz.	**131992**

THETFORD Corporation

Toilet Treatments

Part#	Description	Order#
THE-03300	Toilet Tissue, 396 sheets, 2-Ply, 4/pack	**134233**
THE-20804	Toilet Tissue, 350 sheets, 1-Ply, 4/pack	**170510**
THE-94082	Aqua-KEM Holding Tank Deod. 6/pack	**748462**
THE-94059	Aqua-KEM Toss-Ins 8/pack	**745652**
THE-94081	Aqua-KEM (3) 8 oz. bottles	**746466**
THE-94080	Aqua-KEM (6) 8 oz. bottles	**746468**
THE-94079	Aqua-KEM Holding Tank Deod. 32 oz.	**748461**
THE-94078	Aqua-KEM Holding Tank Deod. 1 Gal.	**748456**

THETFORD Corporation

Eco Smart Holding Tank Deodorant

Quickly breaks down and liquefies waste and tissue to prevent messy clogs. Superior odor control. Detergent additive keeps tanks clean. Non-staining green dye washes clean with soap and water.

Part#	Description	Order#
THE-94032	Toss-Ins 12-pack	**745651**
THE-36974	4 oz. bottles, 4-pack	**743153**
THE-32949	36 oz	**735773**
THE-32950	64 oz.	**743151**
THE-36967	1 Gallon	**743152**

Tank Tablets

The microbes in the Tank Tablets consume the ammonia which causes offensive odors, and they break down organic solids so that the tank works more efficiently. Prevents crystal build-up in the pump-out equipment. The 3-gram tablet contains 60 billion microbes -- a consortium of 100 species of aerobic, micro-aerobic and facultative anaerobes of the Archaea domain. Simply drop one tablet in your empty black water holding tank.

Part#	Tablets	Order#
YYE-TANKTAB10	10	**749648**
YYE-TANKTAB24	24	**749647**

800-639-2715

16 Qt. Dual Spout Pail

Integrated handgrips in the base and wide spouts for easy pouring, as well as heavy-duty handles for ease in carrying. Extra-wide opening accepts 10" sponge mops. 15-3/4"L x 11-1/2"W x 11-1/8"H.
HTV-177111 **Order# 721080**

5 Gallon Bucket

Plastic, without cover.
HM-BUCKET-5 **Order# 163097**

Star brite

Stainless Steel Bristle Cleaning Brush

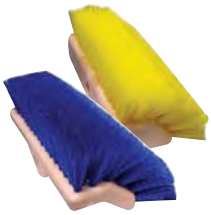
1-3/16" bristle trim. Block size is 14" x 1-1/8".
STA-40059 **Order# 168611**

Stainless Steel Wire Brush

HM-72008297 **Order# 138464**

Deck Brushes

Sparta 10" Hi-Lo™ brushes are made with three different brush surfaces for cleaning at different angles. Non-absorbent plastic blocks and synthetic bristles wash easily and prevent gathering of mold and mildew. The blue bristled Flo-Thru brush is designed to dispense water through the brush from a Flo-Thru handle.



Description	Bristles	Order#
10" Brush	Yellow	**127408**
10" Flo-Thru Brush	Blue	**172445**

Handy Scrub Brush

2.5" x 6". Chemical resistant, propylene bristles.
CPT-M835 **Order# 106420**

All Purpose Brushes

Part#	Size	Bristles	Chemical Resistant	Order#
CPT-M852	8.5" x 3"	Soft	yes	**106421**
CPT-M853	8.5" x 3"	Firm	yes	**106422**
CPT-M855	8.5" x 3"	Stiff	yes	**106423**
CPT-M872	20" x 3"	Soft	no	**106424**
CPT-M873	20" x 3"	Firm	yes	**106425**
SBC-40500	20" x 3"	Med-Stiff (food grade)	no	**127409**

Sparta Polypropylene Block Brush

Medium polyester bristles. Polypropylene block will not crack, chip or split; staple set secure bristles. Lightweight construction allows brush to float. BPA free.8" x 3". SBC-40546
Order# 157059

Marine Maintenance Kit

Contains one 2.5" x 8" deck brush with firm, chemical resistant propylene bristles and threaded hole. One all cotton mop head, a 48" long 2-piece painted hardwood handle, and an extra strength nylon connector. CPT-M745 **Order# 106414**

TRIMACO

Cotton Terry Towels

Extra absorbent, washable and reusable. 6 per pack.
DCM-81 **Order# 151309**

Microfiber Towels

Extremely soft, gentle, and super absorbent, each towel in the three-pack has a different purpose. The dark blue towel is super soft for polishing and shining; the yellow towel is extra strong for washing and cleaning; the light blue towel is lint free for cleaning and wiping glass and mirrors. SHD-293 **Order# 762262** **3-Pack**

Zorb-It Pro Synthetic Drying Cloth

24" x 30" durable, highly absorbent material. Glides easiily while drying, will not mildew.
CPT-SX720T **Order# 765191**

9" Polishing Pad

3M

Double sided yellow blended wool polishing pad. Removes compound swirl marks and fine paint surface defects. Use with 3M machine polishes and 3M adaptor.

Description	Order#
Polishing Pad	**123331**
Adaptor	**123332**

Soft Buff Rotary Wool Heavy Cutting Pad

Meguiar's Marine

1 inch twisted wool fibers deliver fast cutting results for increased technician efficiency. The flat pad design expands the cutting area to reduce buffing time by quickly removing sanding marks and other paint defects.
MEG-WRWHC7 **Order# 758208**

Buff Magic Compounding Pads

General purpose, light cutting pad. 6-1/2" diameter, 100% twisted wool. Perfect for removing oxidation. 2 pads per pack.
SHD-3151 **Order# 740253**

Wool Compounding Pad

Double sided, 100% wool.
CPT-ICMHB775 **Order# 765188**

Wool Buffing Pad

100% wool, one sided.
CPT-ICMHB4 **Order# 765187**

Final Finish Buffing Pad

Black Final Finish Foam Waffle Pad. 2-pack.
CPT-ICMHB502C **Order# 765190**

Waffle Foam Polishing Cloth

Final Finish Foam Waffle Pad. 2-pack.
CPT-ICMHB102C **Order# 765189**

Pro Polish Pads

Black foam polishing and waxing pads, 6-1/2" diameter. Unique dimpled pattern helps pad stay cool and work more efficiently. 2 pads per pack.
SHD-3152 **Order# 740254**

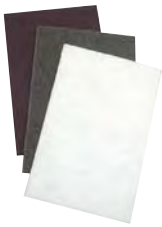
Microfiber Polishing Cloth

FLITZ

16" x 16" gray. Use on any surface. Removes dust, dirt, fingerprints, grease and oil, polish, waxes, bugs and tar, nicotine film. Use wet or dry. Washable up to 500 times. Streak-free performance. Absorbs 4 times its weight in liquid. Thick commercial grade. FLT-MC200 **Order# 150001**

ScotchBrite™ Pads

3M



Used for light scouring, blending, scuffing and stripping. May be washed for repeated use. Each pad is 6" x 9".

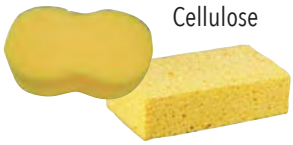
Part#	Description	Order#	#/Box
MMM-07445	Light Duty	**123383**	20
MMM-07446	Medium Duty	**123384**	20
MMM-07447	General Purpose	**123385**	20
MMM-07440	Heavy Duty	**142057**	40

ScotchBrite™ General Purpose Scuff Sponge

3M

Sponge laminated on both sides with maroon Scotch-Brite™ material. Will never rust & can work with either water or solvent. MMM-07441
Order# 171219

Boat Sponges



Size	Type	Order#
9" x 4.5" x 3"	Synthetic	**106433**
7.5" x 4.3" x 2"	Cellulose	**708134**

Star brite

Cellulose Hand Grip Sponge

Half moon design makes it easy to grip for quick clean-up. Super absorbent cellulose construction.
STA-40077 **Order# 149246**

Star brite 8" Deluxe Block Brushes

Features fine Star prene fibers, will not stain, discolor or become brittle. It resists most cleaning chemicals and withstands heat up to 200° F. Will not rot, mildew or absorb odors. Bumper protects against scuff marks and surface damage. Fits all Extend-A-Brush Premium Handles. STA-4016

Type	Order#
Soft	**734080**
Medium	**734081**
Stiff	**734082**

Star brite Chamois Mop

Super absorbent synthetic chamois makes cleaning decks and floors easy. Fits all Extend-A-Brush Premium Handles.
STA-40032 **Order# 152806**

Star brite Deluxe Scrubber Pads

Can be used as a hand scrubber or attached to any handle so you can wash those hard to reach areas. STA-4002

Type	Order#
Fine	**734085**
Medium	**734084**
Coarse	**734083**

Star brite Boat Hook

Fits all Extend-A-Brush Premium Handles. Constructed of unbreakable glass reinforced nylon for years of trouble free use. Special design makes for easy rope handling and pick up.
STA-40033 **Order# 734087**

Star brite Standard Handles

Constructed of aircraft grade, triple anodized aluminum for maintenance free use. Features two non-slip hand grips. Stainless steel push button quick disconnect for instant attachment of all Extend-A-Brush accessories.

Part#	Description	Order#
STA-40000	Extends 3'-6', positive twist lock	**131899**
STA-40003	5' Non-Extending	**131901**

Mr. LongArm Flow-Thru Brushes

10" plastic block brush with black rubber bumper to prevent scratching. Chemical resistant, works with many cleaners, flow-thru threaded brushes fit all Mr. LongArm extension poles.

Part#	Type	Color	Order#
MRA-0404	Very Soft	Green	**743934**
MRA-0405	Soft	Blue	**743935**
MRA-0483	Soft Bi-Level	Blue	**743938**
MRA-0406	Stiff	Yellow	**743936**
MRA-0407	Very Stiff	Yellow	**743937**

Mr. LongArm HydroSoar® Flow-Thru Pro Poles

Foam insulated handle. Heavy-duty external quick-locking device. Connects to standard garden hose. Industrial grade water flow control shut-off valve. Nylar standard threaded end.

Part#	Extends	Order#
MRA-8506	3'-6'	**747378**
MRA-8508	4'-8'	**743932**
MRA-8512	6'-12'	**753638**

Mr. LongArm Telewash Flow-Thru Pole

Fits a standard garden hose and has an on/off valve to adjust the water flow. Anodized aluminum with ergonomic rubber non-slip grip. Adjusts 3'-5' and accepts all Mr. LongArms flow-thru brushes.
MRA-8680 **Order# 745854**

Flow Thru Angled Adapter

Adjusts angle of brush or water flow up to 270°. Fits all Mr. LongArm extension poles, utility handles and brushes.
MRA-0425 **Order# 743930**

Star brite Scrub Pad Kit with Handle

Durable, comfortable handle makes cleaning simple and easy. Pads are interchangeable. Handle grips onto each individual pad. Kit contains 1 Handle, 1 Fine Scrub Pad, 1 Medium Scrub Pad & 1 Coarse Scrub Pad.
STA-40023 **Order# 734086**

Star brite Microfiber Sponge

Microfiber material is highly absorben yet super soft so it will not scratch gelcoat or painted surfaces. Special scrubbing side quickly and easily removes tough dirt, stains & scum lines on hulls. Use wet for washing or dry for dusting. Machine washable.
STA-40078 **Order# 734088**

Star brite Microfiber Wash Mitt

Microfiber material won't scratch gelcoat or painted surfaces. Use wet for washing or dry for dusting. Machine washable.
STA-40105 **Order# 734089**

Deluxe Wash & Scrub Brush

10" block filled with an extra soft synthetic bristle that holds lots of soapy water. Flips over to scrubber strip for those hard to clean spots. Threaded hole.
CPT-M760 **Order# 106417**

Deck Brush

2½" x 8" block filled with firm two color, chemical resistant, propylene bristles. Threaded hole.
CPT-M740 **Order# 106413**

Deluxe Brush

8" w/threaded hole, will not rot, mildew or absorb odors. Resists most cleaning chemicals. Medium blue fibers.
STA-40011 **Order# 131902**

Deluxe Boat Wash Brush

3" x 9" block with a protective bumper. Filled with solvent resistant bristles and a threaded hole.

Part#	Bristles	Order#
CPT-M750	Extra Soft	**106415**
CPT-M753	Firm	**106416**

Cleaning Pads

Grit pad attached to a 3.5" x 6" solid handle.

Part#	Grit	Order#
CPT-M931	Light	**106427**
CPT-M932	Medium	**106428**
CPT-M933	Heavy	**106429**

Deluxe Cleaning Pads

3.5" x 8.75" x 1" pad attached to a sturdy molded block with a threaded hole.

Part#	Grit	Order#
CPT-M941	Light	**106430**
CPT-M942	Medium	**106431**
CPT-M943	Heavy	**106432**

Wooden Handle

54" painted wood handle with extra strong nylon threads on one end.
CPT-M1054 **Order# 106411**

Chemical Sprayer
2 gallon back reliever sprayer. Innovative pump handle extends to comfortable height. 24" telescoping wand. HTV-131388 **Order# 739604**

3M

Multi-Purpose Boat Soap
Concentrated formula designed to clean anything from dirty decks to soiled fabrics to degreasing engines. Mix concentrate with water for desired cleaning strength. Cleans grease, oil, grime, algae, fish, blood, dirt, etc. on hulls, decks, upholstery, canvas, carpet and engines. 16 oz. MMM-09034 **Order# 123409**

Barnacle Buster™
Marine growth remover for sea water cooling systems, bottom and parts cleaning. Safe, non-toxic, biodegradable. Dissolves barnacles, zebra mussels, calcium, rust, lime and other mineral deposits. Sold by the gallon. TRE-1208MC **Order# 177558**

Simple Green™ All-Purpose Cleaner
Removes oil and grease from washable surfaces. Can be diluted for light to heavy cleaning needs. Use for pressure washing and steam cleaning, maintenance, food processing and preparation, and parts washing. Exempt from OSHA and EPA special handling and personal protection requirements.

Size	Order#
24 oz. Spray	668272
Gallon	732309

Windshield Washer Fluid
Contains Methyl Alcohol. Removes road grime, film, bugs, frost & protects system from freezing, winter and summer use. Sold by the gallon. HTV-237393 **Order# 672139**

Rain-X™ Windshield Treatment
Forms an invisible coating on glass that makes water bead up & roll off. Also reduces build-up of frost. 3.5 oz. HTV-498642 **Order# 692429**

Star brite

Salt Off Protector with PTEF®
Formulated to quickly and effectively remove salt deposits from metal, fiberglass, plastic or painted surfaces. Special PTEF® polymers bond to the treated surface to help prevent the formation of future deposits. Can be sprayed directly onto the surface to be treated and then rinsed with fresh water, or simply left in place.

Part#	Description	Order#
STA-93922	22 oz Spray	738655
STA-93932	32 oz Refill	738656
STA-93900N	Gallon Refill	738658
STA-94000	Qt Mixing Combo	738657
STA-94100	Mixing Unit Only	738659

Dawn Detergent
Professional dawn dishwashing liquid detergent. Concentrated, high surfactant formula seeks out greasy soil, cuts through it & lifts it out of your way. Mild on hands. Gallon.
HTV-269636 **Order# 674818**

Citrus Base Cleaner
A multi-purpose cleaner which will dissolve and flush away dirt, grease, tar, most non-curing type adhesive films, and similar substances. Citrus oil based cleaner that emulsifies when flushed with water. Contains no petroleum distillate's. Can be used to clean and degrease metal parts, motors, tools and concrete. Contains no ozone depleting chemicals. 24 oz. aerosol.
MMM-76394 **Order# 175260**

K2r Original Spot Lifter
The original and still the best, K2r Original is highly effective in removing oil and grease from dry-clean only fabrics (including polyester, acrylic, nylon, wool blends-regular and knits), washable fabrics, carpets and household and office upholstery (including sofas, recliners, chairs, etc.). 12 oz. spray.
AHF-K2R-OSL **Order# 729427**

GooGone
For all those gooey, sticky, gummy, greasy cleaning problems. Removes chewing gum, grease, tar, stickers, labels, tape residue, oil, blood, lipstick and mascara, shoe polish, crayon, bumper stickers. Works on carpets, upholstery, clothing, wood, and cement. Environmentally safe and can be used on any surface!

Size	Order#
8 oz. Liquid	108025
12 oz. Spray Gel	741507

Sudbury® and Tip Top Teak Cleaning Products

Tip Top Teak Crystal Deck Cleaner
This concentrated formula specially designed for teak, cleans better than liquid.
TC 2000, 2 lbs; TC 2001, 4 lbs

Tip Top Teak Deck Brightener
Brightens weathered teak without raising the grain. This no-bleach formula also cleans away discoloration.
TB3001 qt, 32 fl oz (946 ml)

Tip Top Teak Wood Sealer
Designed to seal and protect clean teak, Tip Top Teak Wood Sealer is easy to use, adding luster and beauty to your deck.
TS 1001 qt, 32 fl oz, (946 ml); TS 1002 gal, 128 oz (3.785 l)

Sudbury Teak Cleaner
This simple, two-step teak cleaning process transforms weathered teak decking and trim for a beautiful golden teak color. No sanding required!
829-860Q PART A/PART B & Brush, 829-861Q PART A—32 fl oz (946 ml), 829-861G PART A—1 gal (3.785 l), 829-862Q PART B—32 fl oz (946 ml), 829-862G PART B—1 gal (3.785 l)

And Don't Forget Sudbury Automatic® Bilge Cleaner and Boat Zoap™

Sudbury Boat Care Products, Inc. / Tip Top Teak

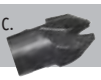
Countersinks

Countersinks mounted on taper point drill hole for threaded and shank portion of screw. Stop collar (shown mounted on type "C" countersink) can be furnished to control depth.

Type C With 82° angle. To cut wood or plastics.

Plug Dia.	Drill Dia.	Model#	Order#
1/4"	5/64"	C2	114426
	3/32"	C3	114437
5/16"	7/64"	C4	114441
	1/8"	C44	114445
	9/64"	C65	114450
	5/32"	C410	114442
	11/64"	C411	114443
	3/16"	C43	114444
3/8"	3/32"	C56	114447
	7/64"	C57	114448
	1/8"	C5	114446
	9/64"	C6	114449
	5/32"	C7	114451
	11/64"	C8	114452
	3/16"	C9	114453
	13/64"	C913	114454
	7/32"	C97	114456
7/16"	5/32"	C105	114410
	11/64"	C1011	114405
	3/16"	C103	114408
	13/64"	C10	114404
	7/32"	C1014	114406
	1/4"	C104	114409
1/2"	1/8"	C122	114413
	9/64"	C129	114415
	5/32"	C125	114414
	11/64"	C1211	114412
	3/16"	C92	114455
	13/64"	C102	114407
	7/32"	C12	114411
	15/64"	C1415	114417
	1/4"	C14	114416
5/8"	3/16"	C143	114418 N
	7/32"	C167	114423
	1/4"	C16	114420
	17/64"	C1617	114421
	9/32"	C169	114424
	19/64"	C1619	114422
	5/16"	C18	114425
3/4"	7/32"	C247	114432 N
	1/4"	C244	114430
	5/16"	C245	114431
7/8"	5/16"	C285	114434 N
	3/8"	C286	114435 N
1"	1/2"	C328	114440

Type E To cut wood or plastic. For deep hole drilling.



Plug Dia.	Drill Dia.	Model#	Order#
1/2"	1/4"	E14	114459 N
5/8"	1/4"	E16	114461 N

Type J To cut wood or plastic with 1/4" shanks to help reduce breakage of small diameter drills.

Plug Dia.	Drill Dia.	Model#	Order#
3/8"	7/64"	J4	114496 N
	1/8"	J5	114497 N
	9/64"	J6	114499 N
	11/64"	J8	114501 N
	3/16"	J9	114502 N
1/2"	9/64"	J26	114492 N
	5/32"	J27	114493 N

Type H High speed steel. To cut wood, plastics and metal.

Plug Dia.	Drill Dia.	Model#	Order#
3/8"	1/8"	H5S	114483 N
	5/32"	H7S	114485 N
	11/64"	H8S	114486
	3/16"	H9S	114490 N
	7/32"	H97S	114489 N
7/16"	13/64"	H10S	114466 N
1/2"	13/64"	H102S	114465
	7/32"	H12S	114468 N
	1/4"	H14S	114470 N
7/8"	3/8"	H286S	114478 N
1"	1/2"	H328S	114480

Fuller Stop Collars

Specify cutting diameter of countersink or counterbore which will fit inside diameter of stop collar.

FLR-11900

Size	Order#
1/4"	114249
5/16"	114250
3/8"	114251
7/16"	114252
1/2"	114253
5/8"	114255
3/4"	114256
7/8"	114257
1-1/4"	114260 N

Fuller Plug Cutters - Four Flute

Plug Dia.	Max. Length	Shank Dia	Order#
1/4"	3/8"	1/4"	114229
5/16"	3/8"	1/4"	114230
3/8"	1/2"	1/4"	114231
3/8"	1/2"	3/8"	114236
7/16"	1/2"	1/4"	114232
7/16"	1/2"	3/8"	114237
1/2"	1/2"	1/4"	114233
1/2"	1/2"	3/8"	114238
9/16"	9/16"	3/8"	114239
5/8"	5/8"	1/4"	114235
5/8"	5/8"	3/8"	114240
3/4"	3/4"	1/2"	114241
7/8"	3/4"	1/2"	114242
1"	3/4"	1/2"	114243
1-1/8"	3/4"	1/2"	114244
1-1/4"	3/4"	1/2"	114245
1-3/8"	3/4"	1/2"	114246 N
1-1/2"	3/4"	1/2"	114247

Taper Point Drills

To cut tapered hole in wood and plastic for thread and shank of wood screws. Fits all types of countersinks and counterbores.

FLR-20100

Dia.	Length	Size	Order#
5/64"	2"	2	114275
3/32"	2-1/4"	3	114276
7/64"	2-5/8"	4	114277
1/8"	2-3/4"	5	114278
9/64"	2-7/8"	6	114279
5/32"	3-1/8"	7	114280
11/64"	3-1/4"	8	114281
3/16"	3-1/2"	9	114282
13/64"	3-5/8"	10	114283
7/32"	3-3/4"	12	114284
15/64"	3-7/8"	14	114285
1/4"	4"	14	114286
17/64"	4-1/8"	16	114287
9/32"	4-1/4"	16	114288
19/64"	4-3/8"	18	114289
5/16"	4-1/2"	18	114290
21/64"	4-5/8"	20	114291
3/8"	5"	24	114293

Fuller

Drill Stops FLR-10600

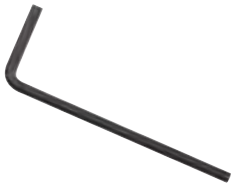
Fuller

Size	Order#
1/16"	114197
5/64"	114198
3/32"	114199
7/64"	114200
1/8"	114201
9/64"	114202
11/64"	114204
13/64"	114206
1/4"	114207
9/32"	114209
3/8"	114215
5/8"	114227 N

Hex Key

For Fuller set screw.

FLR-K0093 **Order# 114503 /ea.**



Screw Chart

Screw Size#	Minimum Countersink Diameter	Taper Point Drill Hard Wood	Taper Point Drill Soft Wood	Pilot Drill Hard Wood	Pilot Drill Soft Wood
2	1/4"	3/32"	5/64"	–	–
3	1/4"	7/64"	3/32"	5/64"	1/16"
4	1/4"	1/8"	7/64"	5/64"	1/16"
5	5/16"	1/8"	1/8"	3/32"	5/64"
6	5/16"	9/64"	9/64"	7/64"	3/32"
7	5/16"	5/32"	9/64"	7/64"	3/32"
8	3/8"	11/64"	5/32"	1/8"	7/64"
9	3/8"	3/16"	11/64"	9/64"	1/8"
10	7/16"	13/64"	3/16"	9/64"	1/8"
12	7/16"	7/32"	13/64"	5/32"	9/64"
14	1/2"	1/4"	15/64"	11/64"	5/32"
16	9/16"	9/32"	17/64"	3/16"	11/64"
18	5/8"	5/16"	19/64"	7/39"	13/64"
20	3/4"	21/64"	5/16"	15/64"	7/32"
24	3/4"	3/8"	3/8"	17/64"	1/4"

Set Screws

18/8 Stainless

Size	Length	Order#
4-40	3/16"	**112594**
6-32	1/8"	**112601**
	3/16"	**112602**
8-32	1/4"	**112613**
	3/8"	**112615**
	1/2"	**112616** N
10-24	3/16"	**112622**
	1/4"	**112623**
	3/8"	**112625**
	1/2"	**112626** N
10-32	3/16"	**112632**
	1/4"	**112633**
1/4-20	3/16"	**112547**
	1/4"	**112548**
	5/16"	**112549**
	3/8"	**112550**
	1/2"	**112551**
	3/4"	**112553**
	1"	**112555**
5-16-18	1/4"	**112561**
	5/16"	**112562**
	3/8"	**112563**
	1/2"	**112564**
	1"	**112568**
3/8-16	1/4"	**112572**
	5/16"	**112573**
	3/8"	**112574**
	1/2"	**112575**
	5/8"	**112576**
	3/4"	**112577**
	1"	**112579**

Deck Screws

Flat Head
Square Drive

18/8 Stainless

Bit	Size	Length	Approx. Count/Box	Order #
#2	6	1-1/4"	243	**110723**
#2	8	2"	128	**110725**
		2-1/4"	109	**110726**
#2	10	3-1/2"	58	**110730**

Fastener Kits

Description	Pieces	Order#
Sailor	610	**112544**
Captain	1160	**110274**
Admiral	2270	**110269**

Drive Bits

Drive	Bit	Length	Order #
Square	#1	1"	**137827**
	#2	2"	**110720**
	#2	6"	**160483**
	#3	2"	**110721**
Phillips	#1	2"	**168596**
	#2	2"	**165358**
	#2	3"	**168597**
	#2	6"	**160482**
	#3	2"	**153745**

SUNCOR Stainless

Stainless Steel Drive Bits

These Phillips head driver bits prevent contamination of stainless screw heads. Using typical steel bits can cause stainless fasteners to stain if stripping occurs during installation.

Bit	Length	2/Pack
#2	2"	**756198**
#3	2"	**756199**

2" Double Ended Drive Bits

Size	Order#
#2 Phillips x #1/4 Slotted	**168598**
#2 Phillips x #2 Phillips	**168599**

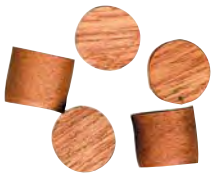
Hex Driver Bit

1/4" hex driver bit with an auger type shaft that can be secured in an ordinary brace, allowing it to use any 1/4" hex driver bit. The nickel-plated steel hex socket features a magnet to hold driver bits in place. F-DHAD14
Order# 745708

High Strength Threadlocker

Locks studs, bushings and large fasteners against vibration loosening. Strengthens slip and light press fits. Ideal for fasteners 3/8" to 1". Maximum temperature: 300°F. Red, .20 oz. PX-27100
Order# 177612

Wooden Plugs (Bungs)



MADE IN MAINE

Size	#/Bag	Pine	Philippine Mahogany	Oak	Teak	Cedar	Fir	Honduras Mahogany
1/4"	100	114819	114837	114856	114874	114895		114931
5/16"	100	114821	114839	114858	114876	114897		114933
3/8"	100	114823	114841	114860	114878	114899	114917	114935
	1000	114824	114842	114861	114880	114900		
7/16"	100	114825	114843	114862	114881	114901		114937
1/2"	100	114827	114845	114864	114883	114903	114921	114939
	1000	114828	114846	114865		114904	114922	114940
5/8"	100	114829		114866	114886	114905		114941
	1000					114906		
3/4"	100	114831	114849	114868	114889	114907		114943
7/8"	100	114835		114872		114911		
1"	100	114833	114852	114870	114891	114909		114945

Photo © Wayne Hamilton

Wood Screws 18/8 Stainless
Flat Head, Phillips

Size	Length	Qty	Order#
6	1/2"	100	113496
	3/4"	100	113498
	1"	100	113499
	1-1/4"	100	113500
	1-1/2"	100	113501
8	3/4"	100	113503
	1"	100	113504
	1-1/4"	100	113505
	1-1/2"	100	113506
	1-3/4"	100	113507
	2"	100	113508
	2-1/2"	100	113509
10	3/4"	100	113510
	1"	100	113511
	1-1/4"	100	113512
	1-1/2"	100	113513
	1-3/4"	100	113514
	2"	100	113515
	2-1/2"	100	113516
12	1"	100	113518
	1-1/4"	100	113519
	1-1/2"	100	113520
	1-3/4"	100	113521
	2"	100	113522
	2-1/2"	100	113523
	3"	100	113524
14	1-1/2"	100	113527
	2"	100	113528
	2-1/2"	100	113529
	3"	100	113530

Wood Screws 18/8 Stainless
Flat Head, Slotted

Size	Length	Qty	Order#
4	1/2"	100	113531
	3/4"	100	113533
6	1/2"	100	113538
	5/8"	100	113539
	3/4"	100	113540
	1"	100	113541
8	5/8"	100	113546 N
	3/4"	100	113547
	1"	100	113549
	1-1/4"	100	113550
10	1"	100	113559
	1-1/4"	100	113560
	1-1/2"	100	113561
12	1-1/2"	100	113569
	1-3/4"	100	113570
	2"	100	113571

Wood Screws 18/8 Stainless
Oval Head, Slotted

Size	Length	Qty	Order#
6	1/2"	100	113603
	3/4"	100	113605
	1"	100	113606
8	3/4"	100	113611
	1"	100	113612
	1-1/4"	100	113613
	1-1/2"	100	113614
10	1"	100	113619
	1-1/4"	100	113620
	1-1/2"	100	113621

Wood Screws 18/8 Stainless
Round Head, Slotted

Size	Length	Qty	Order#
6	1"	100	113649
8	3/4"	100	113653
	1"	100	113654
	1-1/4"	100	113655
10	3/4"	100	113660
	1-1/4"	100	113662
	1-1/2"	100	113663

Wood Screws Brass
Flat Head, Slotted

Size	Length	Qty	Order#
4	3/8"	100	113391
	1/2"	100	113392
	5/8"	100	113393
	3/4"	100	113394
	1"	100	113395
5	1/2"	100	113398
	3/4"	100	113400
	1"	100	113401
6	1/2"	100	113404
	5/8"	100	113405
	3/4"	100	113406
	1"	100	113407
	1-1/4"	100	113408
	1-1/2"	100	113409
7	3/4"	100	113414
8	3/4"	100	113421
	1"	100	113422
	1-1/4"	100	113423
	1-1/2"	100	113424
	1-3/4"	100	113425
	2"	100	113426
10	3/4"	100	113433
	1"	100	113434
	1-1/4"	100	113435
	1-1/2"	100	113436
	1-3/4"	100	113437
	2-1/2"	100	113439
12	1"	100	113444
	1-1/4"	100	113445
	1-1/2"	100	113446

Wood Screws Brass
Round Head, Slotted

Size	Length	Qty	Order#
4	3/8"	100	113467
	1/2"	100	113468
6	1/2"	100	113473
	5/8"	100	113474
	3/4"	100	113475
	1"	100	113476
	1-1/4"	100	113477
	1-1/2"	100	113478
8	1/2"	100	113480
	5/8"	100	113481
	3/4"	100	113482
	1"	100	113483
	1-1/4"	100	113484
	1-1/2"	100	113485
10	1-1/2"	100	113491
12	1-1/2"	100	113493

Wood Screws Brass
Oval Head, Slotted

Size	Length	Qty	Order#
4	3/4"	100	140946

Wood Screws Bronze
Flat Head, Slotted

Size	Length	Qty	Order#
4	3/8"	100	113238
	1/2"	100	113239
	5/8"	100	113240
	3/4"	100	113241
	1"	100	113242
6	1/2"	100	113244
	5/8"	100	113245
	3/4"	100	113246
	1"	100	113247
	1-1/4"	100	113248
	1-1/2"	100	113249
8	1/2"	100	113250
	5/8"	100	113251
	3/4"	100	113252
	1"	100	113254
	1-1/4"	100	113255
	1-1/2"	100	113256
	1-3/4"	100	113257
	2"	100	113258
	2-1/2"	100	113259
10	3/4"	100	113261
	1"	100	113262
	1-1/4"	100	113263
	1-1/2"	100	113264
	1-3/4"	100	113265
	2"	100	113266
	2-1/2"	100	113267
	3"	100	113268
12	3/4"	100	113269
	1"	100	113270
	1-1/4"	100	113271
	1-1/2"	100	113272
	1-3/4"	100	113273
	2"	100	113274
	2-1/2"	100	113276
	3"	100	113277
	3-1/2"	100	113278
14	1"	100	113279
	1-1/2"	100	113281
	1-3/4"	100	113282
	2"	100	113283
	2-1/4"	100	113284
	2-1/2"	100	113285
	3"	100	113286
	3-1/2"	100	113287
	4"	100	113288
16	2"	100	113290
	2-1/2"	50	113292
	3"	100	113293
	3-1/2"	100	113294
	4"	100	113295
18	2-1/2"	100	113298
	3"	100	113299
	3-1/2"	100	113300
	4"	100	113301

Wood Screws Bronze
Flat Head, Square Drive

Bit	Size	Length	Qty	Order#
#1	6	1/2"	100	113151
		3/4"	100	113152
		1"	100	113153
#2	8	1/2"	100	113156
		5/8"	100	113157
		3/4"	100	113158
		1"	100	113159
		1-1/4"	100	113160
		1-1/2"	100	113161
		2"	100	113163
#2	10	1-3/4"	100	113168
		2"	100	113169
#3	12	1-1/2"	100	113174
		1-3/4"	100	113175
		2"	100	113176

Wood Screws Bronze
Flat Head, Frearson

Size	Length	Qty	Order#
6	1/2"	100	113186
	5/8"	100	113187
	3/4"	100	113188
	1"	100	113189
	1-1/4"	100	113190
	1-1/2"	100	113191
8	1/2"	100	113192
	5/8"	100	113193
	3/4"	100	113194
	1"	100	113195
	1-1/4"	100	113196
	1-1/2"	100	113197
	1-3/4"	100	113198
	2"	100	113199
10	3/4"	100	113202
	1"	100	113204
	1-1/4"	100	113205
	1-1/2"	100	113206
	1-3/4"	100	113207
	2"	100	113208
	2-1/2"	100	113209
	3"	100	113210
12	1"	100	113211
	1-1/4"	100	113212
	1-1/2"	100	113213
	1-3/4"	100	113214
	2"	100	113215
	2-1/2"	100	113217
	3"	100	113218
14	1-1/2"	100	113219
	1-3/4"	100	113220
	2"	100	113221
	2-1/2"	100	113222
	3"	100	113223

Wood Screws Galvanized
Flat Head, Slotted

Size	Length	Qty	Order#
8	3/4"	100	113335
	1"	100	113336
	1-1/4"	100	113337
	1-1/2"	100	113338
10	1"	100	113344
	1-1/4"	100	113345
	1-1/2"	100	113346
	1-3/4"	100	113347
	2"	100	113348
	2-1/2"	100	113350
12	1-1/4"	100	113354
	1-1/2"	100	113355
	1-3/4"	100	113356
	2"	100	113357
	2-1/2"	100	113359
	3"	100	113360
14	1-1/2"	100	113366
	1-3/4"	100	113367
	2"	100	113368
	2-1/2"	100	113370
	3"	100	113372
16	2"	100	113375
	3"	100	113378
18	3-1/2"	100	113386
	4"	100	113387

Lag Screws 18/8 Stainless

Size	Length	Qty	Order#
1/4"	1"	50	111286
	1-1/4"	50	111287
	1-1/2"	50	111288
	2"	50	111289
	2-1/2"	50	111290
	3"	50	111291
	3-1/2"	50	111292 N
	4"	50	111293
	4-1/2"	50	111294
	5"	50	111295
	6"	50	111296
5/16"	1"	25	111297
	1-1/4"	25	111298
	1-1/2"	25	111299
	2"	25	111301
	2-1/2"	25	111302
	3"	25	111303
	3-1/2"	25	111304
	4"	25	111305
	4-1/2"	25	111306
	5"	25	111307
	6"	25	111309
3/8"	1"	25	111310
	1-1/4"	25	111311
	1-1/2"	25	111312
	1-3/4"	25	111313 N
	2"	25	111314
	2-1/2"	25	111315
	3"	25	111316
	3-1/2"	25	111317
	4"	25	111318
	4-1/2"	25	111319
	5"	25	111320
	6"	25	111322
1/2"	2"	25	111325
	2-1/2"	25	111326
	3"	25	111327
	3-1/2"	25	111328
	4"	25	111329
	4-1/2"	25	111330
	5"	25	111331
	6"	25	111333

Lag Screws Galvanized

Size	Length	Qty	Order#
1/4"	1"	100	111214
	1-1/2"	100	111216
	2"	100	111218
	2-1/2"	100	111219
	3"	100	111220
	3-1/2"	100	111221
	4"	100	111222
	5"	100	111224
	6"	100	111226
5/16"	2"	100	111233
	2-1/2"	100	111234
	3"	100	111235
	3-1/2"	50	111236
	4"	50	111237
	4-1/2"	50	111238
	5"	50	111239
	6"	50	111241
3/8"	1-1/2"	100	111244
	2"	100	111246
	2-1/2"	50	111247
	3"	50	111248
	3-1/2"	50	111249
	4"	50	111250
	4-1/2"	50	111251
	5"	50	111252
	6"	50	111254
	7"	50	111255
	8"	50	111256
1/2"	2"	50	111257
	2-1/2"	50	111258
	3"	50	111259
	3-1/2"	25	111260
	4"	25	111261
	4-1/2"	25	111262
	5"	25	111263
	5-1/2"	25	111264
	6"	25	111265
	7"	25	111266
	8"	25	111267

Lag Screws Bronze

Size	Length	Qty	Order#
1/4"	1"	50	111152
	1-1/4"	50	111153
	1-1/2"	50	111154
	2"	50	111155
	2-1/2"	50	111156
	3"	50	111157
	3-1/2"	50	111158
	4"	50	111159
	4-1/2"	50	111160
5/16"	1"	25	111166
	1-1/4"	25	111167
	1-1/2"	25	111168
	2"	25	111169
	2-1/2"	25	111170
	3"	25	111171
	3-1/2"	25	111172
	4"	25	111173
	5"	25	111175
3/8"	1-1/2"	25	111182
	2"	25	111184
	2-1/2"	25	111185
	3"	25	111186
	3-1/2"	25	111187
	4"	25	111188
	4-1/2"	25	111189
	5"	25	111190
	6"	25	111192
1/2"	2"	25	111196 N
	2-1/2"	25	111197
	3"	25	111198
	3-1/2"	25	111199
	4"	25	111200
	4-1/2"	25	111201
	5"	25	111202
	6"	25	111204
	7"	25	111205
	8"	25	111206

Cotter Pins 18/8 Stainless

Size	Length	Qty	Order#
1/16"	1/2"	100	110565
	3/4"	100	110566
	1"	100	110567
	1-1/4"	100	110568
	1-1/2"	100	110569
3/32"	1/2"	100	110580
	3/4"	100	110581
	1"	100	110582
	1-1/4"	100	110583
	1-1/2"	100	110584
	2"	100	110586
5/64"	1"	100	110574
	1-1/4"	100	110575
	1-1/2"	100	110576
1/8"	3/4"	100	110598
	1"	100	110599
	1-1/4"	100	110600
	1-1/2"	100	110601
	2"	100	110603
	2-1/2"	100	110604
	3"	100	110605
5/32"	1"	100	110607
	1-1/4"	100	110608
	1-1/2"	100	110609
	2"	100	110611
	2-1/2"	100	110612
	3"	100	110613
3/16"	1-1/4"	100	110616
	1-1/2"	100	110617
	2"	100	110619
	2-1/2"	100	110620
	3"	100	110621
1/4"	1-1/2"	100	110626
	2"	100	110628
	2-1/2"	100	110629
	3"	100	110630

Cotter Pins Brass

Size	Length	Qty	Order#
1/16"	1/2"	100	110503
	1"	100	110505
	1-1/4"	100	110506
3/32"	1/2"	100	110512
	3/4"	100	110513
	1"	100	110514
	1-1/4"	100	110515
	1-1/2"	100	110516
1/8"	3/4"	100	110530
	1"	100	110531
	1-1/4"	100	110532
	1-1/2"	100	110533
	2"	100	110535
5/32"	1"	100	110539
	1-1/2"	100	110541
	2"	100	110543

Photo © Wayne Hamilton

Machine Screws 18/8 Stainless
Flat Head, Phillips

Size	Length	Qty	Order#
4	1/2"	100	757648
	3/4"	100	755509 N
	1"	100	757649
6	1/2"	100	111631
8	1/2"	100	111637
	3/4"	100	111639
	1-1/4"	100	111641
	1-1/2"	100	111642
	1-3/4"	100	729022
	2"	100	111643
10-24	5/8"	100	757650
	3/4"	100	111646
	1"	100	111647
	1-1/4"	100	111648
	1-1/2"	100	111649
	1-3/4"	100	111650
	2"	100	111651
	2-1/2"	100	111652
	3"	100	111653
	4"	100	757651
10-32	1/2"	100	111654
	3/4"	100	111655
	1"	100	111656
	1-1/4"	100	111657
	1-1/2"	100	111658
	2"	100	111659
12-24	1"	100	757653
	1-1/2"	100	757654
	2"	100	757695
1/4"	1"	100	111612
	1-1/4"	100	111613
	1-1/2"	100	111614
	1-3/4"	100	111615
	2"	100	111616
	2-1/2"	100	111617
	3"	100	111618
	3-1/2"	50	111619
	4"	50	111620
	4-1/2"	50	757655
	5"	50	738851 N
	6"	50	757656
5/16"	1"	100	111623
	1-1/4"	100	757658
	1-1/2"	100	111624
	2"	100	111625
	2-1/2"	100	111626
	3"	50	111627
	3-1/2"	50	111628 N
	4"	50	165250 N
3/8"	1"	100	757659
	1-1/4"	100	757660
	1-1/2"	100	111629
	2-1/2"	100	757661
	3"	100	164570
	3-1/2"	50	757662
	4"	50	164571
	5"	50	164572
	6"	50	164573

Machine Screws 18/8 Stainless
Pan Head, Phillips

Size	Length	Qty	Order#
6	1/2"	100	111942
	3/4"	100	111943
	1"	100	111944
	1-1/4"	100	111945
	1-1/2"	100	762708
8	1/2"	100	111949
	3/4"	100	111950
	1"	100	111951
	1-1/4"	100	177216
	1-1/2"	100	111953
	2"	100	111955
	2-1/2"	100	111956
10-24	1/2"	100	111958
	3/4"	100	111959
	1"	100	111960
	1-1/4"	100	111961
	1-1/2"	100	111962
	2"	100	111964
	2-1/4"	100	762715
	2-1/2"	100	111965
	3"	100	111966
1/4"	1/2"	100	111923
	3/4"	100	111924
	1"	100	111925
	1-1/4"	100	111926
	1-1/2"	100	111927
	2"	100	111929
	2-1/4"	100	762710
	2-1/2"	100	111930
	3"	100	111931
	3-1/2"	100	762711
	4"	100	739643
5/16"	1/2"	100	111932
	3/4"	100	111933
	1"	100	111934
	1-1/4"	100	111935
	1-1/2"	100	111936
	2"	100	111938
	2-1/2"	100	762712
	3"	100	111940

Machine Screws 18/8 Stainless
Oval Head, Phillips

Size	Length	Qty	Order#
6	1/2"	100	111799
	1"	100	111801
	1-1/2"	100	111803
8	1/2"	100	111804
	3/4"	100	111805
	1"	100	111806
	1-1/4"	100	111807
	1-1/2"	100	111808
	2"	100	111809
10-24	1/2"	100	111810
	3/4"	100	111812
	1"	100	111813
	1-1/4"	100	111814
	1-1/2"	100	111815
	1-3/4"	100	111816
	2"	100	111817
	2-1/2"	100	111818
10-32	3/4"	100	111821
	1"	100	111822
	1-1/4"	100	111823
	1-1/2"	100	111824
	2"	100	111825
1/4"	3/4"	100	111782
	1"	100	111783
	1-1/4"	100	111784
	1-1/2"	100	111785
	1-3/4"	100	111786
	2"	100	111787
	2-1/2"	100	111788
	3"	100	111789
5/16"	3"	100	111798

Machine Screws Brass
Round Head, Slotted

Size	Length	Qty	Order#
4	3/4"	100	111555
5/16"	1/2"	100	111535

Machine Screws Bronze
Flat Head, Slotted

Size	Length	Qty	Order#
6	3/4"	100	111383
8	1/2"	100	111386
	3/4"	100	111388
	1"	100	111389
	1-1/4"	100	111390
	1-1/2"	100	111391
	2"	100	111392
10-24	1/2"	100	111394
	3/4"	100	111396
	1"	100	111397
	1-1/4"	100	111398
	1-1/2"	100	111399
	1-3/4"	100	111400
	2"	100	111401
	2-1/2"	100	111402
	3"	100	111403
10-32	3/4"	100	111407
	1"	100	111409
	1-1/4"	100	111410
	1-1/2"	100	111411
	2"	100	111412
1/4"	3/4"	100	111337
	1"	100	111338
	1-1/4"	100	111339
	1-1/2"	100	111340
	1-3/4"	100	111341
	2"	100	111342
	2-1/2"	100	111343
	3"	50	111344
	3-1/2"	50	111345
	4"	50	111346
	4-1/2"	50	139862
	6"	50	111348
5/16"	1"	50	111351
	1-1/4"	50	111352
	1-1/2"	100	111353
	2"	50	111354
	2-1/2"	50	111355
	3"	50	111356
	3-1/2"	50	111357
	4"	50	111358
3/8"	1"	50	111363
	1-1/2"	50	111365
	2"	50	111367
	2-1/2"	50	111368
	3"	50	111369
	4"	50	111371
	5"	50	111372
	6"	50	111373

Photo © Wayne Hamilton

800-639-2715

Tapping Screws 18/8 Stainless
Oval Head, Phillips

Size	Length	Qty	Order#
4	3/8"	100	112806
	1/2"	100	112807
	5/8"	100	112808
	3/4"	100	112809
	1"	100	112810
6	3/8"	100	112814
	1/2"	100	112815
	5/8"	100	112816
	3/4"	100	112817
	1"	100	112818
	1-1/4"	100	112819
	1-1/2"	100	112820
	2"	100	112821
8	3/8"	100	112822
	1/2"	100	112823
	5/8"	100	112824
	3/4"	100	112825
	1"	100	112826
	1-1/4"	100	112827
	1-1/2"	100	112828
	1-3/4"	100	112829
	2"	100	112830
10	1/2"	100	112835
	5/8"	100	112836
	3/4"	100	112837
	1"	100	112838
	1-1/4"	100	112839
	1-1/2"	100	112840
	1-3/4"	100	112841
	2"	100	112842
	2-1/2"	100	112843
	3"	100	112844
12	5/8"	100	112848
	3/4"	100	112849
	1"	100	112850
	1-1/4"	100	112851
	1-1/2"	100	112852
	1-3/4"	100	112853
	2"	100	112854
	2-1/2"	100	112855
	3"	100	112856
14	3/4"	100	112861
	1"	100	112862
	1-1/4"	100	112863
	1-1/2"	100	112864
	1-3/4"	100	112865
	2"	100	112866
	2-1/2"	100	112867
	3"	100	112868

Tapping Screws 18/8 Stainless
Pan Head, Phillips

Size	Length	Qty	Order#
4	3/8"	100	112959
	1/2"	100	112960
	5/8"	100	112961
	3/4"	100	112962
	1"	100	112963
6	3/8"	100	112965
	1/2"	100	112966
	5/8"	100	112967
	3/4"	100	112968
	1"	100	112969
	1-1/4"	100	112970
	1-1/2"	100	112971
8	3/8"	100	112972
	1/2"	100	112973
	5/8"	100	112974
	3/4"	100	112975
	1"	100	112976
	1-1/4"	100	112977
	1-1/2"	100	112978
	1-3/4"	100	112979
	2"	100	112980
10	1/2"	100	112984
	5/8"	100	112985
	3/4"	100	112986
	1"	100	112987
	1-1/4"	100	112988
	1-1/2"	100	112989
	1-3/4"	100	112990
	2"	100	112991
	2-1/2"	100	112992
	3"	100	112993
12	1/2"	100	112994
	5/8"	100	112995
	3/4"	100	112996
	1"	100	112997
	1-1/4"	100	112998
	1-1/2"	100	112999
	1-3/4"	100	113000
	2"	100	113001
	2-1/2"	100	113002
	3"	100	113003
14	3/4"	100	113004
	1"	100	113005
	1-1/4"	100	113006
	1-1/2"	100	113007
	1-3/4"	100	113008
	2"	100	113009
	2-1/2"	100	113010
	3"	100	113011

Tapping Screws 18/8 Stainless
Flat Head, Phillips

Size	Length	Qty	Order#
4	3/8"	100	112666
	1/2"	100	112667
	5/8"	100	112668
	3/4"	100	112669
	1"	100	112670
6	3/8"	100	112671
	1/2"	100	112672
	5/8"	100	112673
	3/4"	100	112674
	1"	100	112675
	1-1/4"	100	112676
	1-1/2"	100	112677
8	3/8"	100	112683
	1/2"	100	112684
	5/8"	100	112685
	3/4"	100	112686
	1"	100	112687
	1-1/4"	100	112688
	1-1/2"	100	112689
	1-3/4"	100	112690
	2"	100	112691
10	1/2"	100	112696
	5/8"	100	112697
	3/4"	100	112698
	1"	100	112699
	1-1/4"	100	112700
	1-1/2"	100	112701
	1-3/4"	100	112702
	2"	100	112703
	2-1/2"	100	112704
	3"	100	112705
12	1/2"	100	112708
	5/8"	100	112709
	3/4"	100	112710
	1"	100	112711
	1-1/4"	100	112712
	1-1/2"	100	112713
	1-3/4"	100	112714
	2"	100	112715
	2-1/2"	100	112716
	3"	100	112717
14	3/4"	100	112718
	1"	100	112719
	1-1/4"	100	112720
	1-1/2"	100	112721
	1-3/4"	100	112722
	2"	100	112723
	2-1/2"	100	112724
	3"	100	112725

Tapping Screws 18/8 Stainless
Flat Head, Square

Bit	Size	Length	Qty	Order#
#1	6	1/2"	100	112644
		3/4"	100	112645
		1"	100	112646
#2	8	1/2"	100	112647
		5/8"	100	112648
		3/4"	100	112649
		1"	100	112650
		1-1/4"	100	112651
		1-1/2"	100	112652
		2"	100	112653
#2	10	1/2"	100	112654
		3/4"	100	112655
		1"	100	112656
		1-1/4"	100	112657
		1-1/2"	100	112658
		2"	100	112659
		2-1/2"	100	112660
		3"	100	112661
#3	12	1-1/2"	100	112662
		2"	100	112663
#3	14	2"	100	112664

Tapping Screws 18/8 Stainless
Pan Head, Square

Bit	Size	Length	Qty	Order#
#1	6	1/2"	100	112941
		3/4"	100	112942
		1"	100	112943
#2	8	1/2"	100	112944
		5/8"	100	112945
		3/4"	100	112946
		1"	100	112947
		1-1/4"	100	112948
		1-1/2"	100	112949
		2"	100	112950
#2	10	1/2"	100	112951
		3/4"	100	112952
		1"	100	112953
		1-1/4"	100	112954
		1-1/2"	100	112955
		2"	100	112956
		3"	100	112957

316 Stainless

Tapping Screws Oval Head, Phillips 316 Stainless

Size	Length	Qty	Order#
8	1"	100	157354
	1-1/4"	100	157355
	1-1/2"	100	157356
	2"	100	157357
10	1"	100	157359
	1-1/4"	100	157360
	1-1/2"	100	157361
	1-3/4"	100	157362
	2"	100	157363
	2-1/2"	100	757685
12	1-1/2"	100	141300
	2"	100	757686
	2-1/2"	100	757687
14	1-1/4"	100	157365
	1-1/2"	100	157366
	1-3/4"	100	157367
	2"	100	157368
	2-1/2"	100	157369

Tapping Screws Flat Head, Phillips 316 Stainless

Size	Length	Qty	Order#
6	1/2"	100	740423
	3/4"	100	740424
	1"	100	740425
	1-1/4"	100	740426
8	3/4"	100	157340
	1"	100	157341
	1-1/4"	100	157342
	1-1/2"	100	157343
	2"	100	157344
10	1"	100	157345
	1-1/4"	100	157346
	1-1/2"	100	157347
	2"	100	157348
12	1-1/2"	100	157349
	2"	100	157350
14	1-1/2"	100	157351
	2"	100	157352
	3"	100	745875

Cap Screws

18/8 Stainless

Size	Length	Qty	Order#
1/4"	1/2"	100	**110976**
	5/8"	100	**110977**
	3/4"	100	**110978**
	1"	100	**110980**
	1-1/4"	100	**110981**
	1-1/2"	100	**110982**
	1-3/4"	100	**110983**
	2"	100	**110984**
	2-1/4"	100	**110985**
	2-1/2"	100	**110986**
	2-3/4"	100	**110987**
	3"	100	**110988**
	3-1/2"	100	**110990**
	4"	100	**110991**
	4-1/2"	100	**110992**
	5"	100	**110993**
	6"	100	**110995**
5/16"	1/2"	50	**110999**
	3/4"	50	**111000**
	1"	50	**111002**
	1-3/4"	50	**111005**
	2"	50	**111006**
	2-1/4"	50	**111007**
	2-1/2"	50	**111008**
	3"	50	**111010**
	3-1/2"	50	**111012**
	4"	50	**111014**
	4-1/2"	50	**111015**
	5"	50	**111016**
	5-1/2"	50	**111017**
	6"	50	**111018**
3/8"	3/4"	50	**111021**
	1"	50	**111023**
	1-1/4"	50	**111024**
	1-1/2"	50	**111025**
	1-3/4"	50	**111026**
	2"	50	**111027**
	2-1/2"	50	**111029**
	3"	50	**111031**
	3-1/2"	50	**111033**
	4"	50	**111034**
	4-1/2"	50	**111035**
	5"	50	**111036**
	5-1/2"	50	**111037**
	6"	50	**111038**
7/16"	1"	25	**111048**
	1-1/4"	25	**111049**
	1-1/2"	25	**111050**
	2"	25	**111052**
	2-1/2"	25	**111054**
	3"	25	**111056**
	3-1/2"	25	**111057**
	4"	25	**111058**
	5"	25	**111060**
	6"	25	**111061**

Size	Length	Qty	Order#
1/2"	1"	25	**111064**
	1-1/4"	25	**111065**
	1-1/2"	25	**111066**
	1-3/4"	25	**111067**
	2"	25	**111068**
	2-1/2"	25	**111070**
	2-3/4"	25	**111071**
	3"	25	**111072**
	3-1/4"	25	**111073**
	3-1/2"	25	**111074**
	4"	25	**111075**
	4-1/2"	25	**111076**
	5"	25	**111077**
	5-1/2"	25	**111078**
	6"	25	**111079**
5/8"	1"	25	**111084**
	1-1/4"	25	**111085**
	1-1/2"	25	**111086**
	1-3/4"	25	**111087**
	2"	25	**111088**
	2-1/2"	25	**111090**
	3"	25	**111092**
	3-1/2"	25	**111093**
	4"	25	**111094**
	4-1/2"	25	**111095**
	5"	25	**111096**
	6"	25	**111098**
3/4"	1-1/2"	25	**111103** N
	1-3/4"	25	**111104** N
	2"	25	**111105**
	2-1/2"	25	**111107**
	3"	25	**111109**
	3-1/2"	25	**111110**
	4"	25	**111111**
	4-1/2"	25	**111112**
	6"	25	**111115**

Bronze

Size	Length	Qty	Order#
1/4"	1/2"	50	**110732**
	3/4"	50	**110733**
	1"	50	**110734**
	1-1/4"	50	**110735**
	1-1/2"	50	**110736**
	2"	50	**110738**
	2-1/2"	50	**110739**
	3"	50	**110740**
	3-1/2"	50	**110741**
	4"	50	**110742**
5/16"	3/4"	25	**110754**
	1"	25	**110756**
	1-1/2"	25	**110758**
	2"	25	**110759**
	2-1/2"	25	**110761**
	3"	25	**110762**
	3-1/2"	25	**110763**
	4"	25	**110764**
	6"	25	**110768**
3/8"	3/4"	25	**110777**
	1"	25	**110778**
	1-1/2"	25	**110780**
	2"	25	**110781**
	2-1/2"	25	**110783**
	3"	25	**110785**
	3-1/2"	25	**110787**
	4"	25	**110788**
	4-1/2"	25	**110789**
	5"	25	**110790**
	6"	25	**110792**
1/2"	1-1/2"	25	**110801**
	2"	25	**110803**
	2-1/2"	25	**110805**
	3"	25	**110807**
	3-1/2"	25	**110809**
	4"	25	**110810**
	4-1/2"	25	**110811**
	5"	25	**110812**
	6"	25	**110814**

Galvanized

Size	Length	Qty	Order#
1/4"	1"	100	**110832**
	2"	100	**110835**
	2-1/2"	100	**110836**
	3"	100	**110837**
	3-1/2"	100	**110838**
	4"	100	**110839**
	5"	100	**110841**
5/16"	1"	100	**110852**
	2"	100	**110855**
	2-1/2"	100	**110857**
	3"	100	**110858**
	3-1/2"	50	**110860**
	4"	50	**110861**
	6"	50	**110865**
3/8"	1-1/2"	100	**110871**
	2"	100	**110873**
	2-1/2"	50	**110875**
	3"	50	**110877**
	3-1/2"	50	**110879**
	4"	50	**110880**
	4-1/2"	50	**110881**
	5"	50	**110882**
	6"	50	**110884**
	8"	50	**110887**
	9"	50	**110888**
	10"	50	**110889**
	11"	25	**110890**
	12"	50	**110891**
1/2"	1"	50	**110892**
	1-1/4"	50	**110893**
	1-1/2"	50	**110894**
	2"	50	**110896**
	2-1/2"	50	**110898**
	3"	50	**110900**
	3-1/2"	25	**110901**
	4"	25	**110902**
	4-1/2"	25	**110903**
	5"	25	**110904**
	6"	25	**110906**
	7"	25	**110908**
	8"	25	**110909**
5/8"	4"	25	**110929**
	8"	25	**110936**

Photo © Wayne Hamilton

Carriage Bolts

Galvanized Carriage Bolts Include Nuts.

18/8 Stainless

Size	Length	Qty	Order#
1/4"	1"	50	**110634**
	1-1/4"	50	**110635**
	1-1/2"	50	**110636**
	1-3/4"	50	**110637**
	2"	50	**110638**
	2-1/4"	50	**110639**
	2-1/2"	50	**110640**
	3"	50	**110641**
	3-1/2"	50	**110642**
	4"	50	**110643**
	4-1/2"	50	**110644**
	5"	50	**110645**
	6"	50	**110647**
5/16"	1-1/4"	25	**110652**
	1-1/2"	25	**110653**
	2"	25	**110655**
	2-1/2"	25	**110656**
	3"	25	**110657**
	3-1/2"	25	**110658**
	4"	25	**110659**
	4-1/2"	25	**110660**
	5"	25	**110661**
	6"	25	**110663**
	8"	25	**110666**
3/8"	1"	25	**110667**
	1-1/2"	25	**110669**
	2"	25	**110671**
	2-1/2"	25	**110672**
	3"	25	**110673**
	3-1/2"	25	**110674**
	4"	25	**110675**
	4-1/2"	25	**110676**
	5"	25	**110677**
	5-1/2"	25	**110678**
	6"	25	**110679**
	7"	25	**110681**
	8"	25	**110683**
1/2"	1-1/2"	25	**110687**
	2"	25	**110688**
	2-1/2"	25	**110689**
	3"	25	**110690**
	3-1/2"	25	**110691**
	4"	25	**110692**
	4-1/2"	25	**110693**
	5"	25	**110694**
	6"	25	**110696**
	7"	25	**110698**
	8"	25	**110699**

Bronze

Size	Length	Qty	Order#
1/4"	1"	50	**110275**
	1-1/4"	50	**110276**
	1-1/2"	50	**110277**
	2"	50	**110279**
	2-1/2"	50	**110281**
	3"	50	**110282**
	3-1/2"	50	**110283**
	4"	50	**110284**
	4-1/2"	50	**110285**
	5"	50	**110286**
	6"	50	**110288**
	7"	50	**110290**
	8"	50	**110291**
5/16"	1-1/2"	25	**110295**
	2"	25	**110296**
	2-1/2"	25	**110298**
	3"	25	**110299**
	3-1/2"	25	**110300**
	4"	25	**110301**
	4-1/2"	25	**110302**
	5"	25	**110303**
	5-1/2"	25	**110304**
	6"	25	**110305**
	7"	25	**110307**
	8"	25	**110308**
3/8"	1-1/2"	25	**110312**
	2"	25	**110313**
	2-1/2"	25	**110314**
	3"	25	**110315**
	3-1/2"	25	**110316**
	4"	25	**110317**
	4-1/2"	25	**110318**
	5"	25	**110319**
	6"	25	**110321**
	7"	25	**110323**
	8"	25	**110324**
1/2"	2"	25	**110326**
	2-1/2"	25	**110328**
	3"	25	**110329**
	3-1/2"	25	**110330**
	4"	25	**110331**
	4-1/2"	25	**110332**
	5"	25	**110333**
	6"	25	**110335**
	8"	25	**110338**
5/8"	2-1/2"	25	**110343**
	3"	25	**110344**

Galvanized

Size	Length	Qty	Order#
1/4"	1"	100	**110378**
	1-1/2"	100	**110380**
	2"	100	**110381**
	2-1/2"	100	**110382**
	3"	100	**110383**
	3-1/2"	100	**110384**
	4"	100	**110385**
	4-1/2"	100	**110386**
	5"	100	**110387**
	6"	100	**110389**
	7"	100	**110391**
	8"	100	**110392**
5/16"	1-1/2"	100	**110396**
	2"	100	**110398**
	2-1/2"	100	**110399**
	3"	100	**110400**
	3-1/2"	50	**110401**
	4"	50	**110402**
	4-1/2"	50	**110403**
	5"	50	**110404**
	5-1/2"	50	**110405**
	7"	50	**110408**
	8"	50	**110409**
3/8"	2"	100	**110418**
	2-1/2"	50	**110419**
	3"	50	**110420**
	3-1/2"	50	**110421**
	4"	50	**110422**
	4-1/2"	50	**110423**
	5"	50	**110424**
	5-1/2"	50	**110425**
	6"	50	**110426**
	6-1/2"	50	**110427**
	7"	50	**110428**
	8"	50	**110429**
	9"	25	**110430**
	10"	50	**110431**
1/2"	1-1/2"	50	**110435**
	2"	50	**110436**
	2-1/2"	50	**110437**
	3"	50	**110438**
	3-1/2"	25	**110439**
	4"	25	**110440**
	4-1/2"	25	**110441**
	5"	25	**110442**
	5-1/2"	25	**110443**
	6"	25	**110444**
	6-1/2"	25	**110445**
	7"	25	**110446**
	8"	25	**110448**
	9"	25	**110449**
	10"	25	**110450**
5/8"	3"	25	**110462**
	4"	25	**110464**
	5"	25	**110466**
	8"		**110471**

Photo © Wayne Hamilton

Threaded and Solid Rod

Threaded rod is available in 3' lengths only. Solid rod is available in 1' increments up to 12' in length.

18/8 Stainless

Size	Threaded/3' Length	Solid/Foot
8-32	**112530**	
10-24	**112531**	
10-32	**112532**	
1/4"-20	**112534**	**112523**
5/16"-18	**112535**	**112524**
3/8"-16	**112536**	**112525**
1/2"-13	**112538**	**112526**
5/8"-11	**112540**	**112527**
3/4"-10	**112541**	**112528**

Bronze

Size	Threaded/3' Length	Solid/Foot
3/16"		**118493**
1/4"-20	**112505**	**118494**
5/16"-18	**112506**	**118495**
3/8"-16	**112507**	**118496**
1/2"-13	**112508**	**118497**
5/8"-11	**112509**	**118498**
3/4"-20		**118499**

Photo © Wayne Hamilton

Washers

Flat Washers

18/8 Stainless

Size	Qty	Order#
2	100	113735
4	100	113736
6	100	113737
8	100	113738
10	100	113739
12	100	113740
1/4"	100	113741
5/16"	100	113742
3/8"	100	113743
7/16"	50	113744
1/2"	50	113745
5/8"	50	113746
3/4"	25	113747
7/8"	10	113748
1"	10	113749

Bronze

Size	Qty	Order#
6	100	113691
8	100	113692
10	100	113693
12	100	113694
1/4"	100	113695
5/16"	100	113696
3/8"	100	113697
7/16"	50	113698
1/2"	50	113699
5/8"	50	113700
3/4"	25	113701
7/8"	25	113702
1"	25	113703

Nylon

Size	Qty	Order#
8	100	153432
10	100	153433
1/4"	100	153437
5/16"	100	153436
3/8"	100	153438
1/2"	50	153439
5/8"	25	153440
3/4"	25	153441

Galvanized

Size	Count/Lb	Pound
1/4"	144	113705
5/16"	111	113706
3/8"	67	113707
1/2"	26	113709
5/8"	13	113710
3/4"	10	113711
1"	6	113713

Beckson

Chrome Barrel Nuts

Overall Length	Shank Dia.	Fastener Size	Order#
.375"	.25"	10-24	102959
.50"	.25"	10-24	171233
.50"	.32"	1/4-20	102960

Lock Washers

18/8 Stainless

Size	Qty	Order#
4	100	113794
6	100	113795
8	100	113796
10	100	113797
12	100	113798
1/4"	100	113799
5/16"	100	113800
3/8"	100	113801
7/16"	100	113802
1/2"	50	113803
5/8"	50	113804
3/4"	25	113805

Bronze

Size	Qty	Order#
6	100	113777
8	100	113778
10	100	113779
12	100	113780
1/4"	100	113781
5/16"	100	113782
3/8"	100	113783
1/2"	100	113785
5/8"	50	113786

Finish Washers

18/8 Stainless

Size	Qty	Order#
4	100	113770
6	100	113771
8	100	113772
10	100	113773
12	100	113774
1/4"	100	113775
5/16"	100	113776

Brass

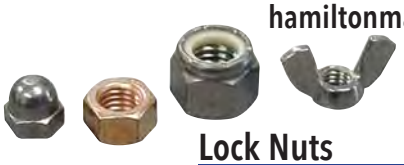
Size	Qty	Order#
6	100	113764
8	100	113765
10	100	113766
12	100	113767
1/4"	100	113768

Fender Washers

18/8 Stainless

Size	Qty	Order#
1/4" x 1	100	113683
1/4" x 1-1/4"	100	113684
5/16" x 1-1/2"	100	113685
3/8" x 1"	100	113686
3/8" x 1-1/2"	100	113687
1/2" x 2"	50	113688
10 x 1"	100	113689
10 x 1-1/16"	100	113690

Nuts



Hex Nuts

18/8 Stainless

Size	Qty	Order#
4	100	112382
6	100	112383
8	100	112384
10-24	100	112385
10-32	100	112386
12-24	100	112387
1/4"	100	112388
5/16"	100	112389
3/8"	100	112390
7/16"	50	112391
1/2"	50	112392
5/8"	50	112393
3/4"	50	112394
7/8"	25	112395
1"	25	112396

Bronze

Size	Qty	Order#
6	100	112333
8	100	112334
10-24	100	112335
10-32	100	112336
12	100	112337
1/4"	100	112338
5/16"	100	112339
3/8"	100	112340
7/16"	100	112341
1/2"	50	112342
5/8"	50	112343
3/4"	50	112344

Brass

Size	Qty	Order#
4	100	112359
6	100	112360
8	100	112361
10-24	100	112362
10-32	100	112363
1/4"	100	112365
5/16"	100	112366
3/8"	100	112367
1/2"	50	112369
5/8"	50	112370
3/4"	50	112371

Galvanized

Size	Qty	Order#
1/4"	100	112349
5/16"	100	112350
3/8"	100	112351
1/2"	50	112353
5/8"	50	112354
3/4"	50	112355
1"	25	112357

Lock Nuts

18/8 Stainless

Size	Qty	Order#
6	100	112423
8	100	112424
10-24	100	112425
10-32	100	112426
12	100	112427
1/4"	100	112428
5/16"	100	112429
3/8"	100	112430
7/16"	50	112431
1/2"	50	112432
5/8"	50	112433
3/4"	50	112434
7/8"	25	112435
1"	25	112436

Cap Nuts

18/8 Stainless

Size	Qty	Order#
6	100	112321
8	100	112322
10-24	100	112323
10-32	100	112324
1/4"	100	112326
5/16"	100	112327
3/8"	100	112328
1/2"	50	112330

Brass

Size	Qty	Order#
6	100	112312
8	100	112313
10-24	100	112314
10-32	100	112315
1/4"	100	112316
5/16"	100	112317
3/8"	100	112318
1/2"	50	112319
5/8"	50	112320

Wing Nuts

18/8 Stainless

Size	Qty	Order#
8	100	112457
10-24	100	112458
10-32	100	112459
1/4"	100	112460
5/16"	100	112461
3/8"	100	112462
1/2"	50	112463

Brass

Size	Qty	Order#
1/4"	100	112451
5/16"	100	112452
3/8"	100	112453

Ring
Recommended for wood and plywood joints where maximum resistance to withdrawal loads is required. Annular ring "barbs" force wood fibers apart as nail is driven; wood's natural resilience causes the wood fibers to spring back filling the grooves between the rings and creating a locking "effect." Thus, nails locked in place resist pull-out stresses even when wood swells or shrinks. Not recommended where shear, lateral or racking loads are significant. Also not recommended for endgrain nailing because wood fibers are not oriented to lock thread.

Corrosion Resistant Nailing
For wooden decks and docks, marine cradles, forms, and scaffolds. Fastening of wood, stainless, aluminum or galvanized flashing, ducts and vents. Maintenance applications in chemical plants, refineries, mines and smelters.

Boat Nails
Annular ring threaded nails are commonly used in wooden boat repair and construction. This threaded-form offers holding power comparable to wood screws plus maximum back-out resistance under severe shock loads and fastener weight reduction.

Slating Nails
Use slating nails for slate, tile or sheet metal roof construction. Also for fastening flashing, gravel stops, vents, weatherstripping and copper ground strap to the keel in wooden boat construction.

Galvanized Boat Nails
Traditional square cut, hot-dipped galvanized boat nails are the standard fastener of the commercial boat building industry. They are specially designed of heavy gauge steel for durability and holding power. They are available in lengths from 1-1/4" through 6", for use by the commercial and small boat builder alike.

Ring Nails Flat head, diamond point

F-NAR

Penny Size	Length	Shank Ga.	Head Dia.	Dia.	Approx #/lb	**Bronze Order#**
–	3/4"	14	.23	1/12"	757	**112243**
–	3/4"	12	.26	7/64"	416	**112235**
–	7/8"	14	.23	1/12"	657	**112244**
–	1"	14	.23	1/12"	622	**112245**
–	1"	12	.28	7/64"	355	**112237**
3d	1-1/4"	14	.23	1/12"	473	**112246**
–	1-1/4"	12	.28	7/64"	272	**112238**
–	1-1/4"	10	.135	5/16"	155	**112228**
–	1-1/2"	14	.23	1/12"	413	**112247**
4d	1-1/2"	12	.109	17/64"	205	**112239**
–	1-1/2"	10	.135	5/16"	135	**112229**
5d	1-3/4"	12	.109	17/64"	183	**112240**
–	1-3/4"	10	.135	5/16"	111	**112230**
–	2"	12	.109	17/64"	161	**112241**
–	2"	10	.34	9/64"	114	**112231**
–	2"	8	.165	3/8"	75	**112223**
–	2-1/2"	12	.109	17/64"	145	**112242**
8d	2-1/2"	10	.135	5/16"	82	**112233**
–	3"	10	.135	5/16"	68	**112234**

Penny Size	Length	Shank Ga.	Head Dia.	Dia.	Approx #/lb	**Stainless Order#**
–	3/4"	14	.083	7/32"	714	**112275**
–	1"	14	.083	7/32"	571	**112276**
3d	1-1/4"	14	.22	53/64"	473	**112277**
4d	1-1/2"	14	.22	53/64"	413	**112278**
4d	1-1/2"	12	.25	7/64"	228	**112270**
6d	2"	12	.28	7/32"	144	**112272**
8d	2-1/2"	10	.28	9/64"	94	**112265**
16d	3-1/2"	8	.34	5/32"	44	**112259**

Copper Common Nails

Flat head, smooth shank, diamond point.

F-NACK

Penny Size	Length	Ga	Shank Dia	Head Dia	Copper Alloy	**Copper Order#**
2d	1"	15	.072	3/16"	685	**112171**
3d	1-1/4"	14	.083	3/16"	424	**112169**
6d	2"	11	.120	9/32"	133	**112163**
8d	2-1/2"	10	.134	5/16"	86	**112162**
10d	3"	9	.148	5/16"	55	**112159**
16d	3-1/2"	8	.165	3/8"	40	**112158**

Copper Slating (Roofing) Nails

Large flat head, smooth shank

F-NASK

Length	Gauge	Shank Dia	Head Dia	Approx. Count/Lb.	**Order#**
3/4"	12	.109	21/64"	403	**112291**
1-1/4"	12	.109	21/64"	237	**112293**
2"	11	.120	3/8"	129	**112290**
1"	10	.134	7/16"	206	**112280**
1-1/4"	10	.134	7/16"	170	**112281**
1-1/2"	10	.134	7/16"	130	**112282**
2"	10	.134	7/16"	108	**112284**
2-1/2"	10	.134	7/16"	82	**112285**
3"	10	.134	7/16"	65	**112286**

Galvanized Boat Nails

F-NABG

Dia.	Length	Approx. #/Lb.	**Order#**
1/4"	3"	25	**112143**
5/16"	4"	13	**112146**
5/16"	5"	10	**112148**

Fastener Alloys

Nominal Composition of Corrosion Resistant Nail Materials

Copper	Silicon Bronze	304 Stainless	316 Stainless	Monel
Cu 99.92%	Cu 96.75%	Fe 71%	Fe 68.5%	Ni 67%
02 .04%	Si 3.25%	Cr 19%	Cr 17.0%	Cu 31.6%
		Ni 10%	Ni 12.0%	Fe 1.4%
			Mo 2.5%	

Fractions and Decimal Equivalents

1/64"	.015625	11/65"	.171875
1/32"	.03125	3/16"	.1875
3/64"	.046875	13/64"	.203125
1/16"	.0625	7/32"	.21875
5/64"	.078125	15/64"	.234375
3/32"	.09375	1/4"	.25
7/64"	.109375	17/64"	.265625
1/8"	.125	9/32"	.28125
9/64"	.140625	19/64"	.296875
5/32"	.15625	5/16"	.3125

Stubbs Wire Gauge Size

Gauge	Diameter		
1	.300	11	.120
2	.284	12	.109
3	.259	13	.095
4	.238	14	.083
5	.220	15	.072
6	.203	16	.065
7	.180	17	.058
8	.165	18	.049
9	.148	19	.042
10	.134	20	.035

Prazi Grabit® Damaged Screw Remover

Eliminate your frustration and easily extract damaged screws and bolts. Made from high quality tool steel, Grabit® removes screws and bolts from wood, metal or plastic. Extracts damaged screws and bolts made of almost any alloy, including soft brass screws. The patented two-step process can be attached to a reversible drill or used manually with a quarter inch hex nut-driver. PRZ-PR5724 **Order# 733637**

6-in-1 Hamilton Marine Screwdriver

Orange handle imprinted with "Hamilton Marine 800-639-2715". Includes 1/4" - 3/16" slotted bits, #1 - #2 Phillips bits, the 1/4" - 5/16" hex drives are on each end of the shaft that holds the drive bits. HM-SD6-1 **Order# 145889**

15-in-1 Hamilton Marine Screwdriver

Yellow and black handle imprinted with "Hamilton Marine 800-639-2715" Included bits: 1/8" slotted - #0 Phillips, 1/4" slotted - 3/16" slotted, 1/4" slotted - #2 Phillips, 5/32" slotted - #3 Phillips, #1 - #2 Phillips, T15 - T20 Torx®, S1 - S2 square. Ratchet function allows user to easily apply turning force for driving/removing screws with less effort. HM-SD15-1 **Order# 733217**

AccuScribe Pro Scribing Tool

Articulating pencil head increases flexibility and versatility of materials and objects that can be scribed. Features precision pencil sharpener, removable compass point for scribing circles, storage clip for compass point, non-rocking bottom. Collapses to a compact size to take up less room in your toolbox. Scribes just about anything from windows, floors, cabinets, and more. HDW-ACCUSCRIBE **Order# 174808**

SEADOG LINE

Adjustable Wrench

Cast 17-4ph grade stainless steel. Features adjustable wrench, 1/4" hex head and bottle opener. 5-1/2" long. SD-563255-1 **Order# 760005**

Earlex Steam Generator

Works great for many wood bending projects. Compact electric steamer runs on a standard current with built-in thermal protection. Includes instructions on how to build your steam box and steam box adapter so you can be steam bending the same day. 1.3 gallon water tank with exterior water level indicator. Automatic pressure relief valve and suck back valve. ERL-SS77USG **Order# 746440**

Monel Staples

For use in all T50 manual & electric staplers, monel staples are rustproof & will not corrode in salt water. Should not be used with pressure treated wood. 1000 staples per box. Sold by the box.

Part#	Size	Order#
HTV-677874	1/4"	**102148**
HTV-677882	5/16"	**102152**
HTV-677896	3/8"	**102150**
HTV-677916	1/2"	**102146**

Escutcheon Pins (F-NAEQ)

Brass. One pound boxes.

Length	Gauge	Shank Dia.	Head Dia.	Approx. Count/Lb.	Order #
1/2"	18	.049	.098	2550	**112216**
3/4"	18	.049	.098	2200	**112217**
1"	18	.049	.098	1520	**112219**
1-1/4"	18	.049	.098	1275	**112220**
1/2"	16	.065	.136	1720	**112210**
3/4"	16	.065	.136	1275	**112212**
1"	16	.065	.136	980	**112213**
1-1/2"	16	.065	.136	592	**112215**
3/4"	14	.083	.177	830	**112202**
1"	14	.083	.177	600	**112203**
1-1/4"	14	.083	.177	432	**112204**

Brads (F-NAWQ)

Brass. One pound boxes.

Length	Gauge	Shank Dia.	Head Dia.	Approx # per lb.	Order #
1/2"	18	.049	.074	2552	**112305**
5/8"	18	.049	.074	2450	**112306**
1"	16	.065	.097	980	**112302**
1-1/4"	16	.065	.097	720	**112303**
1-1/4"	14	.083	.122	432	**112300**

Cut Tacks (F-CT)

Copper. One pound boxes.

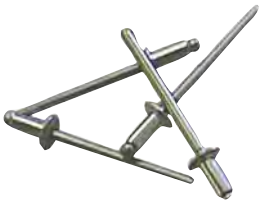
Length	Count Per lb	Order #
3/8"	2034	**110709**
1/2"	1507	**110711**
5/8"	858	**110712**
3/4"	720	**110713**
1"	452	**110715**

Burrs (F-KB)

Copper. One pound boxes.

Gauge	Approx Count/Lb	Order#
8	465	**111145**
9	580	**111146**
10	750	**111147**
12	1240	**111148**
13	1350	**111149**
14	2050	**111150**

Blind "Pop" Rivets



Aluminum

Dia.	Grip Length	#/Pkg	Order#
1/8"	3/16-1/4	18	**174871**
	3/8-1/2	12	**174872**
5/32"	3/16-1/4	12	**175248**
	1/4-3/8	10	**175249**
	3/8-1/2	8	**175250**
3/16"	up to 1/8	13	**175251**
	1/8-1/4	12	**175252**
	3/8-1/2	8	**175253**
	1/2-5/8	6	**175254**
1/4"	3/8-1/2	5	**175255**
	5/8-3/4	2	**175256**

Stainless Steel

Dia.	Grip Length	#/Pkg	Order#
1/8"	3/8-1/2	5	**174873**
5/32"	1/8-1/4	5	**161852**
3/16"	1/8-1/4	4	**161851**
	1/4-3/8	3	**161850**

The Original Buoy Bat™

Made in Maine with authentic lobster buoys and hardwood handles. Played like baseball, this game is perfect for the beach, backyard or playground. Includes ball.

Navy with Red Stripe
BYB-BUOYBAT-N **Order# 740991**

Red with Yellow Stripe
BYB-BUOYBAT-R **Order# 740992**

Maine Pack Baskets

Hand-crafted traditional Maine pack basket. Great for fishing, hunting, or nature walks! Solid wood bottom, Northern Maine Hardwood strips and nylon strapping.

Height	Weave	Order#
8"	3/4"	**740928**
12"	3/4"	**740929**
14"	3/4"	**136816**
16"	1"	**165018**
18"	1"	**170194**
20"	1"	**136817**
22"	1"	**136819**
24"	1"	**150546**

MADE IN MAINE Buoy Bells

Hand crafted on the Maine coast, these unusual bells have clearly distinct tones that echo the beautifully haunting sounds of harbor bell buoys and island pasture bells. Made from high-grade Cor-Ten steel, used on bridges, guard rails and lamp posts because it requires no maintenance. Maine Buoy Bells are designed to hang outdoors all year long. As they weather, they turn a rich rust color. Cor-Ten steel will not rust out, and the lovely patina will actually preserve and improve the tones for years. Fine quality materials and pride in workmanship mean these rugged chimes will endure to become family heirlooms. *Please note*: To capture the true nature of the Nantucket Buoy, the bell has been given a single tone.

Part#	Bell	Tones	Length x Base	Order#
NCW-BARHARBOR	Bar Harbor	Three Tone	14" x 8"	**124900**
NCW-BOOTHBAY	Boothbay Harbor	Three Tone	10" x 6"	**124901**
NCW-CAMDEN	Camden Reach	Three Tone	12" x 7"	**124902**
NCW-CAPECOD	Cape Cod	Three Tone	13" x 7"	**124903**
NCW-CASTINE	Castine	Two Tone	13" x 7"	**167358**
NCW-CHESAPEAKE	Chesapeake	Three Tone	14.75" x 7"	**150104**
NCW-ISLAND	Island Pasture	Three Tone	8" x 5"	**124908**
NCW-KENNEBUNK	Kennebunkport	Two Tone	15.5" x 9"	**124909**
NCW-LONGISLAND	Long Island	Three Tone	13.5" x 7"	**149518**
NCW-NANTUCKET	Nantucket	Single Tone	18" x 10"	**124910**
NCW-OUTERBANKS	Outer Banks	Three Tone	16.5" x 7"	**149519**
NCW-PEMAQUID	Pemaquid	Three Tone	18" x 10"	**124912**
NCW-PORTLAND	Portland Head	Two Tone	12" x 7"	**172139**

Compass Rose ™ Wind Bells

Handcrafted on the Maine coast, powder coated to endure the elements. The festive red and green colors indicating "port" and "starboard" make these bells ideal Christmas gifts.

Red
NCW-PORT
Order# 741065

Green
NCW-STARBOARD
Order# 741066

Sea Breeze™ Wind Bell

Handcrafted on the Maine coast, rings three expressive harmonies. The powder coating is a radiant blue with an artistic design of slight waves on each side and a floating seagull in the middle of the bell. A white skip jack catches the wind to cause the bell to echo its sound.
NCW-SEABREEZE
Order# 747826

Buoy Bell Hangers

20" long hanger with screws
NCW-HANGER-L
Order# 124906

11" short hanger with screws
NCW-HANGER-S
Order# 124907

Made from High-Grade Cor-Ten steel.

Maine Garden Guard

Walking Scare Cat
NCW-CAT-WALK
Order# 124905

Welcome Signs

14"Hx13.5"W
NCW-SIGNWELCME
Order# 150632

Hand Crafted Moose Door Stop

8.5"Hx9"W
NCW-DSM
Order# 150658

Pirate Ship Model Kit

Complete kit with wooden pre-cut and pre-shaped parts. All you need is glue and a little paint to create your authentic model boat. Approx. finished size is 9". CSP-805-72
Order# 735765

Three Boats in a Box Kit

Build and paint your own fishing fleet. Add signal flags for a fun and finishing touch.
AMD-MS015
Order# 156768

Boat in a Bottle Kit

All the tools & instructions needed to make your very own ship in a bottle.
AMD-MS022A
Order# 744581

Message in a Bottle Kit

Known to have traveled half the globe, message bottles are still sought out by young and old. Ours comes with bottle, message, cork, and sealing wax to make it watertight.
AMD-MS053
Order# 156765

Ship in a Bottle Kits

Includes all parts to create a mini ship in a bottle.

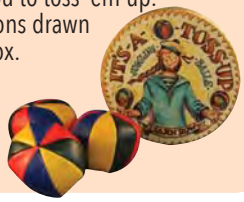
Type	Order#
Pirate Ship	162713
USS Constitution	162712

Seeing Stars Kaleidoscope Kit

All the tools & instructions needed to make your very own kaleidoscope! Understand the workings of focus, reflecting mirrors and geometric patterns of this unique toy.
AMD-MS073
Order# 738923

It's a Toss Up Juggling Balls

Three hand-stitched professional juggling balls, proper colors, bright and cheery, inviting you to toss 'em up. Learning instructions drawn out in lid of gift box.
AMD-MS054
Order# 156764



Bottle Opener Keychains

Easily removes most bottle caps. Lightweight but strong sturdy aluminum construction.

Style	Order#
Lobster	758169
Moose	761689
Shark (with corkscrew)	759028

DoohicKey Key Tool

Durable stainless steel multi-tool. Features a ruler, wrench, screwdriver, box cutter, bottle opener and carabiner clip. Just 2.6" long.
NIT-KMT-11-R3 **Order# 756659**

Monkey's Fist Keychain

Made by fishermen in the off-season. Cotton with galvanized shackle. AMD-FW003-G **Order# 742481**

Key Buoy

Self-inflating key ring opens up & releases an air tube which inflates automatically. Within 30 seconds, your keys rise to the surface, and the 14" inflated tube extends above the water. Strong enough for items weighing up to 4.2 oz. DAV-530 **Order# 172470**

ORION
The Brightest Name in Safety

Safety Keychain Capsule

Air tight, fluorescent orange capsule that floats! OLI-KEYCHAIN **Order# 149268**

Microlight STS Swipe to Shine Keychain

Touch activated LED microlight illuminates with a simple swipe. Water and shock resistant. Includes S-biner stainless steel clip. Runs 9 hours on high.

Color	Order#
Smoke/Black	749437
Blue/Black	749434
Orange/Black	749436
Olive/Black	751582

Floating Keychains

Floats up to 5 keys.

Part#	Style	Color	Order#
CAL-85	Horseshoe	Yellow	105253
CAL-86	Horseshoe	White	105254
CAL-87	Life Ring	White	105255
CAL-88	Life Ring	Orange	105256

Live & Learn Kits

Each kit contains reference guides and supplies for learning and practicing. Packed inside a water resistant carrying case.

Type	Order#
First Aid	761714
Knot Tying	761715
Way Finding	761716

Tool A Long Multitools

Pocket-sized, stainless steel multi-tools for outdoors or on the go. The included carabiner makes it easily accessible on your gear, belt, bags, and more. Shark features a signal mirror.

Type	Order#
Kayak	761719
Sailboat	761717
Shark	761718

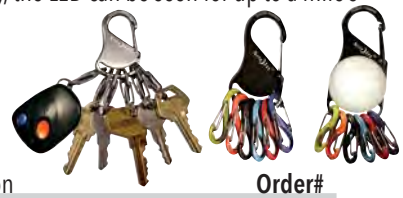
Lobster Key Float

Save your keys if they go overboard with this buoyant keychain. Great for use during water sports or boating activities. Highly-visible float minimizes chance of losing keys or gear in water. Multi-layered, lightweight foam construction keeps keys afloat.
UST-FLOAT-LBS **Order# 761690**

NITE IZE INNOVATION

Key Racks

High quality stainless steel carabiner clip with secure gate closure on one end and six S-Biners on the other, perfectly sized to hold 6 separate keys. The LED version has two modes- steady glow and continuous flash. Powered by two easily replaceable batteries (included), the LED can be seen for up to a mile's distance.



Description	Order#
6 Assorted Color Plastic Clips	735607
6 Assorted Color Clips w/LED Light	736488
6 Stainless Steel Clips	741366

NITE IZE INNOVATION

IdentiKey Covers

The key to organization. Color code and specifically label keys of all shapes and sizes. NIT-KID-A1-4R7
Order# 763888

The Realm of the Lobster DVD

The secret life of the lobster... exposed. This award winning, spectacularly photographed film documents the survival of the lobster in its natural habitat... from dodging predators to ritualistic battles over turf. HMV-D1
Order# 172400

Maintenance and Repair Manuals

Make	Model years	Description	Manual#	Order#
Force Outboard	1984-1999	3-150 HP, 1-4 cylinders	1100	**155535**
OMC Stern Drive	1964-1986	All models	3400	**131099**
OMC Cobra Stern Drive	1985-1993	All models includ. 2.3 litre OHC & 7.5 Litre King Cobra	3404	**131115**
Johnson Evinrude O/B	1958-1972	Vol. I: All 1.5-125 hp, 1-3 Cylinder & V4, 2-stroke models	1301	**737508**
	1973-1989	Vol. II: All 2.0-60 hp models	1302	**131098**
	1973-1991	Vol. IV: All 3 Cylinder, V4 & V6 engines 60-235 hp models	1308	**131103**
	1992-2001	Vol. V: All 3 Cylinder, V4 & V6 powerheads 80-225 hp models	1311	**131126**
	1990-2001	Vol. VI: All Inline engines, 2-70 hp, 1-4 Cylinder 2&4 Stroke	1312	**152745**
Suzuki Outboard	1988-2003	All 2-250 hp, 1-3 Cylinder, V4 & V6 2-stroke models	1600	**169845**
Yamaha Outboard	1984-1996	All 2-250 hp, 1-4 Cylinder, V4 & V6 models, 2 & 4 stroke	1701	**169846**
	1997-2003	All 2-250 hp, 1-4 Cylinder, V4 & V6 models, 2 & 4 stroke	1703	**164963**
	2005-2010	All 2.5-350 hp, 1-4 Cylinder, V6 & V8 4-stroke models	1707	**739778**
Mercury Outboard	1965-1989	Vol. I: All 1 & 2 Cylinder models	1404	**131105**
	1965-1989	Vol. II: All 3 & 4 Cylinder models	1406	**131106**
	1965-1989	Vol. III: All models 6-in-line, V6 & V6 w/EFI & MR Drive	1408	**131107**
	2001-2014	Vol. IV: All 2-stroke models	1418	**169844**
Volvo Penta Stern Drive	1968-1991	Vol. I: All models	3600	**131104**
	1992-1993	Vol. II: All models	3602	**131124**
Evinrude Outboard	2002-2012	Vol. VII: All engines 40-250 hp, 2-stroke fuel injected	1313	**733587**
Johnson Outboard	2002-2007	All engines 2.5-250 hp, 2-stroke & 4-stroke	1314	**733588**
Honda Outboard	2002-2008	All engines 2.0-225 hp, 1-4 Cylinder & V6 models	1202	**733586**
Mariner Outboard	1977-1989	Vol. I: All 1 & 2 Cylinder models	1400	**131108**
Mercury/Mariner O/B	1990-2000	All 2.5-275 hp, 1-4 Cylinder, V6, 2-stroke models	1416	**145587**
Chrysler Outboard	1962-1984	All models	1000	**131114**
Nissan Outboard	1992-2013	All 2.5-140 hp & 2-stroke including jet drives	1500	**733589**
Mercruiser Stern Drive	1964-1991	Vol. I: All models including Alpha/MR & Bravo units	3200	**131100**
	1992-2000	Vol. II: All models Including Alpha Generation II, Bravo One & Bravo Two units	3206	**131125**
Mercruiser Stern Drive	2001-2008	Vol. III: All models including Velvet & ZF/Hurth transmissions	3208	**733590**

LOGS

The Ship's Log
For recording ship's data and activities.
WEM-797 **Order# 136376**

The Cruising Log
For recording information about your nautical excursions, as well as a guest registry.
WEM-798 **Order# 136377**

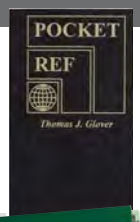
The Maintenance Log
To list vessel specifications, spare part numbers, previous repairs and maintenance, as well as space for reference drawings.
WEM-804 **Order# 136381**

The Sportfishing Log
For recording sea conditions, activity, destinations, coordinates, water temp and catch records.
WEM-803 **Order# 136380**

International Marine Log Book
Log keeping pages for 105 days of cruising formatted parallel to spine for easy use. Each day gets two-page spread featuring morning maintenance checklist, record of times, courses, distances and positions. 224 pages.
RBH-INT362 **Order# 742935**

REFERENCE & BOATING

Pocket Reference *by Thomas J. Glover*
This great little book is a concise all-purpose reference featuring hundreds of tables, maps, formulas, constants & conversions AND it still fits in your shirt pocket! Goes where you go!
BK-1885071620 **Order# 736918**



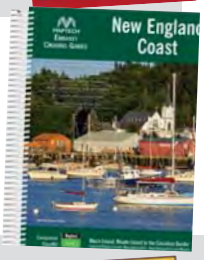
Walker Common Sense
Tabbed sections for vessel information, a cruising log, maintenance & fuel logs, a radio log with May Day instructions & VHF requirements, and vessel inventories for emergency equipment, spare parts & lights. RBH-EVE017
Order# 128043

Practical Mariners Book of Knowledge
by John Vigor. 420 sea-tested rules of thumb for almost every boating situation. ITM-0070674752 **Order# 120083**

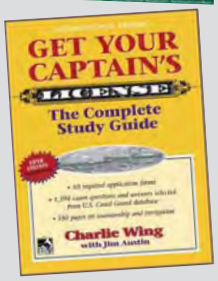
Chapman Piloting & Seamanship
Edited by Jonathan Eaton. The leading reference for both power and sail boaters for nearly 100 years. Now this absolutely essential guide–large and beautifully produced, with 920 pages, 1500 full-color illustrations & charts, and exploded views and cutaways–is thoroughly updated with all the latest information on federal laws, regulations, and fees.
BK-CHAPMAN67 **Order# 751216**

REFERENCE & BOATING

Advanced First Aid Afloat
By Peter F. Eastman, M.D. & John M. Levinson, M.D.
Virtually every accident or ailment that might happen when professional medical care is unavailable is squarely faced and dealt with. Layman's language and step-by-step instructions allay panic and calmly take the reader from diagnosis, through treatment, to followup care. 232 pages. BK-870333658 **Order# 106010**

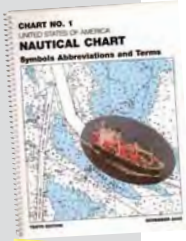


Embassy Guide New England Coast
Coverage from Block Island, Rhode Island to the Canadian Border. 576 pages, 156 nautical charts, 274 photos, and 800-plus marinas. Includes harbor-by-harbor coverage & is divided into eleven coverage areas. Works hand-in-hand with other Maptech titles.
BBA-BKNEC **Order# 167229**



Get Your Captain's License
Whether you are an avid boater seeking to improve your seamanship and get a discount on boat insurance or aspire to start a business running a charter, sightseeing, or whale-watching boat, this revised and updated Fifth Edition is the only resource you need to obtain the captain's license you want. 350 pages of seamanship and navigation tutorials and more than 1,500 questions and answers from the Coast Guard exams.
RBH-INT501 **Order# 760427**

Navigation Rules: International and Inland
US Department of Transportation & US Coast Guard International Regulations for Prevention of Collision at Sea and Inland Navigation Rules are presented side by side in this helpful book, revised and corrected.
HGP-NAVRULES **Order# 151033**



Nautical Chart No. 1 Guide to Symbols, Abbreviations and Terms
Published by Waterproof Charts and prepared jointly by the Department of Commerce (National Oceanic and Atmospheric Administration) and the Department of Defense (National Imagery and Mapping Agency), this book covers all the corrections and additions to the U.S. Aids to Navigation System. HGP-CHARTNSP **Order# 146245**

Dockmanship
By David Owen Bell. Information to turn any skipper (even a novice) into a master of the docking art. Includes standard & advanced techniques. Techniques are described for maneuvering port-side to starboard-side to stern-in, and bow-in, as well as for getting away and handling the boat in close quarters. 104 pgs.
BK-870334255 **Order# 168445**

USCG Dept. of Transportation
CODE OF FEDERAL REGULATIONS 46 PART 156-165 Shipping Includes: Approval of equipment and materials, Lifesaving equipment, Electrical equipment, Engineering equipment, Construction, & Materials.
HGP-CFR46601 **Order# 152136**

Maine Atlas & Gazetteer
Seventy-eight pages of maps detailing the entire State of Maine. Includes everything from city streets to out-back roads, mileage chart, GPS grids, topo maps, campgrounds, lighthouses, beaches and more.
DLR-3103 **Order# 108809**

REFERENCE & BOATING

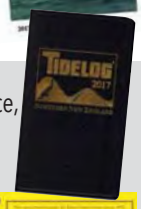
Light List Books
These publications contain a list of lights, sound signals, buoys, daybeacons, and other aids to navigation.

Vol 1 Atlantic Coast 2017
St. Croix River, Maine to Shrewsbury River, New Jersey.
HGP-LLVOL117 **Order# 759346**

Vol 2 Atlantic Coast 2017
Shrewsbury River, New Jersey to Little River, South Carolina.
HGP-LLVOL217 **Order# 759347**

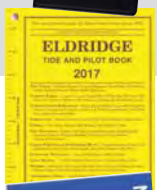
Vol 3 Atlantic and Gulf Coast 2017
Little River, South Carolina to Econfina River, Florida (Includes Puerto Rico and the U.S. Virgin Islands).
HGP-LLVOL317 **Order# 759348**

Maine Tide & Everyday Calendar 2017
Features the tide times of Bar Harbor, Rockland, Boothbay & Portland, Maine. Also shows the moon phases and monthly calendar. MTC-TC017 **Order# 762689**



New England Tidelog 2017
Daily tide graphics, as predicted by the National Ocean Service, combined with astronomical data provided by the United States Naval Observatory, make up this invaluable book of charts. PCP-NETL **Order# 172469**

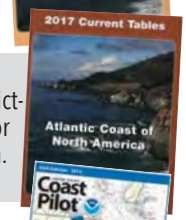
Bay of Fundy Tidelog 2017
PCP-NBTL **Order# 756110**



Eldridge Tide & Pilot 2017
Tide and current tables, weather information, navigation and safety rules; Eldridge has been updated and corrected for 2017. ROB-ETP17 **Order# 762693**

2017 Nautical Almanac: Commercial Edition
The cornerstone for all celestial navigation, listing the celestial bodies used for navigation, a sight reduction table, and other information valuable to the offshore navigator. The content of this edition is identical to the United States Naval Observatory edition.
RBH-PAR317 **Order# 762699**

2017 Tide Tables: East Coast of North & South America Including Greenland
High and Low tide predictions for North and South America, includes Greenland. Approved by US Coast Guard.
UDC-ECT17 **Order# 759345**



2017 Tidal Current Tables: Atlantic Coast
Contains daily predicted times of slack water and the predicted times and speeds of maximum current (flood or ebb) for each day of the year on the Atlantic Coast of North America.
UDC-AC17 **Order# 759344**

United States Coast Pilot 1:
Atlantic Coast: Eastport, ME to Cape Cod, MA
Covers the coasts of Maine, New Hampshire, and part of Massachusetts, from Eastport, ME to Provincetown, MA.
OG-CP1-46 **Order# 761019**

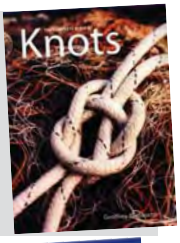
United States Coast Pilot 2:
Atlantic Coast: Cape Cod, MA to Sandy Hook, NJ
Covers the Atlantic coast from Cape Cod, MA to Sandy Hook, NJ, including the coasts of Rhode Island, Connecticut, and New York. OG-CP2-46 **Order# 761073**

United States Coast Pilot 3:
Atlantic Coast: Sandy Hook, NJ to Cape Henry, VA
Covers the Atlantic coast from Sandy Hook, NJ to Cape Henry, VA, including Delaware Bay and Chesapeake Bay. OG-CP3-50 **Order# 760438**

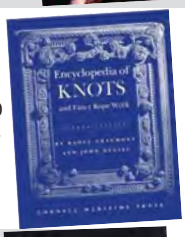
United States Coast Pilot 4:
Atlantic Coast: From Cape Henry, VA to Key West, FL. OG-CP4-48 **Order# 761061**

KNOTS

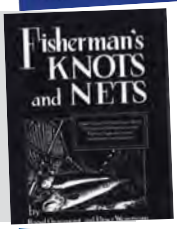
Knot Craft
by Des Pawson. A wonderful collection of recipes for making useful and attractive items from rope. Expanded for this edition with seven inspiring new items, the 35 projects range from key fobs, belts, and napkin rings to binocular straps, bellropes, and fenders. Each project provides step-by-step instructions, clear diagrams & links to other projects. RBH-0939837633
Order# 163408



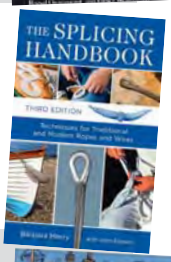
Complete Book of Knots
by Geoffrey Budworth. Easy-to-follow instructions for tying more than 100 of the most useful knots for climbing, sailing, and fishing. Every knot contains a brief history and its development, alternative names, and information on uses and special features. Contains a comprehensive glossary of terms. 160 pages, photos, color illustrations, charts, icons.
LP-1558216324 **Order# 145496**



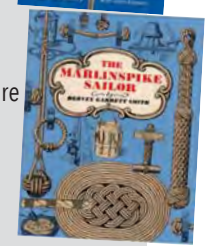
Encyclopedia of Knots & Fancy Rope Work
By R. Graumont.
Truly comprehensive in scope, this Encyclopedia begins with a history of knots and rope making and proceeds into the how-to of tying and making useful and decorative articles with rope. More than 3,600 knots are described and illustrated in 348 full-page plates. 704 pages. Hardcover.
BK-870330217 **Order# 168444**



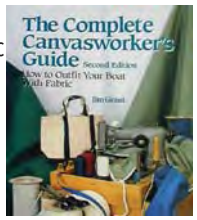
Fisherman's Knots & Nets
By R. Graumont & Elmer Wenstrom
This handbook describes hundreds of ties and bends used to connect line to the many types and kinds of hooks, leaders, lures, nets, traps, and seines. Detailed text and illustrations.
BK-870330241 **Order# 105995**



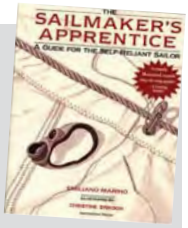
The Splicing Handbook *by Barbara Merry*
This fully illustrated, step-by-step guide has been expanded and enhanced in this new edition that now covers wire splices and splices in Spectra and Kevlar rope as well as Dacron braid and traditional three strand. Includes every splice project a boater will ever need.
MBM-IM44 **Order# 739005**



The Marlinspike Sailor
by Hervey Garrett Smith. This book teaches a few basic knots and splices, but its real business is decorative rope and canvas work- the traditional arts of the sailor- and here it has no equal. For making a rope mat, rope ladder, sea chest, ditty bag, canvas bucket, mast boot, heaving line and the best looking rope fenders in the marina, this is the book to have. 131 pages, 142 illustrations.
MBM-IM27 **Order# 122162**

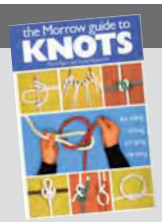


The Complete Canvasworker's Guide: How to Outfit Your Boat with Fabric *by Jim Grant*
For anyone interested in making any of the heavy fabric items used aboard boats. Detailed, clear, easy to follow instructions on sail covers, awnings, biminis, dodgers, cushion covers, tote bags, boat covers, weather cloths, installation of fasteners, zippers and grommets. Also helps the canvas worker choose the right cloth for the right job. 176 pages, 180 illustrations. Paperbound.
MBM-IM09 **Order# 122071**



The Sailmaker's Apprentice
by Emiliano Marino, illustrations by Christine Erikson
Anyone can learn to design, repair, and maintain sails with this book. Handmade sail designs are emphasized. Includes an illustrated tour of the world's rig and sail types. 494 pages, 700 illustrations. Softcover.
ITM-0071376429 **Order# 147738**

KNOTS

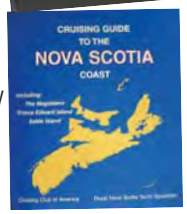


The Morrow Guide to Knots
by Marie Bigon & Guido Regazzoni
A how-to guide to a wide selection of knots, hitches and loops with explanations of their many applications in land and water sports and around the house as well. Step-by-step color photographs. Paperback.
MBM-H16 **Order# 122034**

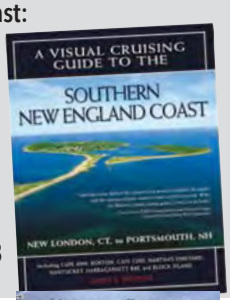
Handbook of Knots
The many detailed illustrations and clearly written text in this small book make knot tying easy for the beginner-and will provide hours of enjoyment. More than 400 knots for all types of outdoor activities, crafts, trades, hobbies & handicrafts are indexed by name and use, and illustrated.
BK-870330306 **Order# 105996**

CRUISING GUIDES

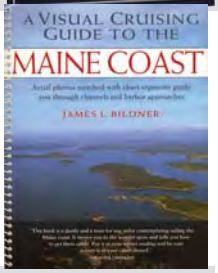
American Practical Navigator Bowditch
by Nathaniel Bowditch
The latest advances in electronic navigation and digital charting technology. It also covers non-electronic navigation such as celestial, plotting and dead reckoning. Bowditch contains numerous tables which have been valued for years by practicing navigators. RBH-PAR006
Order# 736302



Cruising Guide to the Nova Scotia Coast
Cruising Club of America & Royal Nova Scotia Yacht Squadron This guide will give you detailed information about the approaches to just about every nook and cranny on the Nova Scotia coast including the InnerBay of Fundy, as well as the Magdalens, Prince Edward Island, and Sable Island.187 pages.
PP-9635668-3-0 **Order# 140841**



A Visual Cruising Guide Southern New England Coast:
Portsmouth, NH, to New London, CT
by James L. Bildner James Bildner is a life-long sailor and avid recreational pilot who shoots the photos for his books from his own helicopter. He owns a chain of gourmet food stores in the greater Boston area and cruises the New England coast in his 52-foot Hinckley, *Windward*. A member of the Cruising Club of America, Jim has a network of local contributors who detailed the piloting instructions in this book. ITM-0071489193
Order# 743408



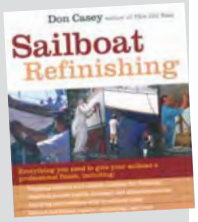
A Visual Cruising Guide to the Maine Coast
by James L. Bildner More than 180 full-color aerial photographs that provide "by-the-picture" navigational guidance for Maine's treasured harbors, difficult passages, and hidden approaches. Chart segments and recommended course lines on low-altitude photos give you a unique guide to sailing around Maine. It's like cruising with a masthead lookout to point the way.
ITM-0071453288 **Order# 171482**

Waterway Guide: Atlanic ICW 2017 is an indispensable cruising companion for boaters exploring the Intracoastal Waterway from Norfolk, VA to Jacksonville, FL. The guide features over 400 pages of mile-by-mile navigation information, aerial photography with marked routes, marina listings and locator charts, anchorage information and expanded articles on ports along the way. Flexible spiral binding and heavy laminated covers with bookmarker flaps ensure durability and easy use.
WWG-ICW17 **Order# 762716**

Part#	Description	Order#
WWG-SO17	Southern 2017 Edition	**762717**
WWG-CH17	Chesapeake 2017 Edition	**762719**
WWG-BA17	Bahamas 2017 Edition	**762718**

SAILING

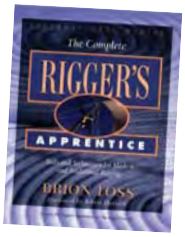
Sailboat Refinishing *by Don Casey*. Of all the improvements to a tired-looking boat, none will have a more dramatic impact than refinishing. And few boat tasks are easier, which makes it surprising that Sailboat Refinishing is the first basic book on the subject. Author Don Casey focuses on the hulls, decks, cabins, spars, and wood trim of fiberglass boats. Painting, varnishing, repairing gelcoat, and applying hull graphics are all covered with step-by-step illustrated instructions.
ITM-0071486585 **Order# 173967**



A Manual of Sail Trim *by Stuart H. Walker*
A detailed technical discussion of sail handling. From principles of sail trim to information on specific maneuvers, this little book covers it all. Paperback, 251 pages, Illustrations and diagrams. MBM-N17 **Order# 122218**

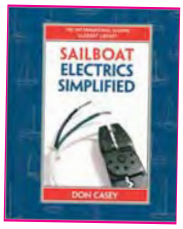
Why Didn't I Think of That? *by John & Susan Roberts*
This book brings together the lessons learned, the tested advice and the ingenious solutions of more than 200 sailors from around the world. Nearly 1,200 tips on everything from anchors to bilge pumps, refrigeration to communication, food preparation to handy gadgets, finding just the right tool to weathering the weather, and cruising with children to making your boat a secure and comfortable home.
ITM-0070532214 **Order# 120079**

The Complete Riggers Apprentice: Tools & Techniques for Modern & Traditional Rigging *by Brion Toss*. A book for sailors who want the satisfaction and hard-cash savings of stepping their own masts, inspecting and maintaining their own rigs, and turning their own tailsplices and wire eyesplices. Also for boat owners who want to replace an entire gang of rigging themselves--measuring, choosing appropriate wire, turning soft eyes, leathering and serving.
ITM-0070648409 **Order# 149758**

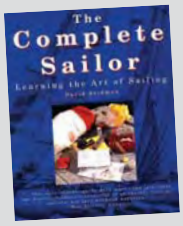


In Peril
by Skip Strong and Twain Braden. A daring rescue, a Captain's resolve, and the daring salvage that made history. Travel with the master and crew of the Tanker Cherry Valley as they make a daring rescue at sea and fight for their rights ashore. A perfectly gripping read for any armchair sailor. Soft cover.
LP-1592285945 **Order# 170225**

Sailboat Electrics Simplified *By Don Casey*
With clear illustrations and simple explanations, Don Casey shows you exactly how to install wiring, make good, safe connections, match your battery bank and alternator to your needs, troubleshoot problems quickly, avoid shore power problems and more –all without a lot of technical jargon. Hardcover, 320 illus. , 176 pages.
ITM-0070366497 **Order# 120075**

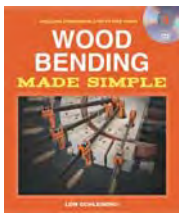


The Complete Sailor: Learning The Art of Sailing *By David Seidman*. This book covers navigation, boat design, seamanship, anchoring, ropework, rigging, weather, fog, squalls, currents & tides, rules of the road, trailering, & working the winds. A gentle introduction for those just starting out and a guide to new horizons for those who already sail.
MBM-IM182 **Order# 122125**

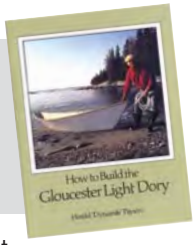


BOAT BUILDING

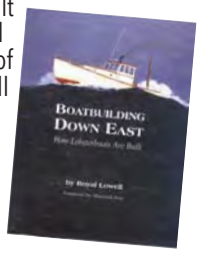
Wood Bending Made Simple
by Lon Schleining
This highly visual book & DVD features step-by-step instruction on some of the most common techniques. Expert Lon Schleining explains and demonstrates both steam bending and bent lamination.Schleining shows just how easy it can be to master these techniques, even using relatively low-tech equipment. TPR-1600852497
Order# 748086



How to Build the Gloucester Light Dory
by Harold "Dynamite" Payson
Describes the building of one of the finest plywood rowing dories ever designed. Includes plans, photos and sketches. 32 pages, 72 illustrations.
MBM-WB12 **Order# 122288**



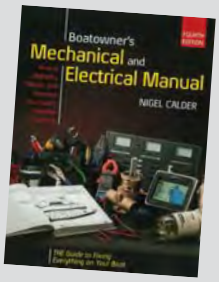
Boatbuilding Down East: How Lobsterboats are Built *by Royal Lowell* The Maine lobsterboat is admired all over the country. This is a book on how to build one of these beautiful boats from start to finish. Royal Lowell was truly a master builder and designer of wooden boats, and this book contains a wealth of boatbuilding instruction and enjoyable reading. Hard cover with photos and drawings. WBM-937822736
Order# 153638



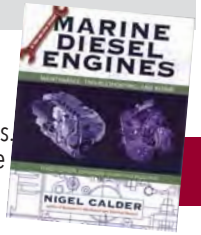
This Old Boat 2nd Edition *by Don Casey*
Since it first appeared in 1991, Don Casey's This Old Boat has helped tens of thousands of sailors refurbish older fiberglass boats and has become a revered classic among boat rehabbers.This second edition is revised from first page to last with new information on electrical systems, diesel engines, refrigeration, resins, plumbing and more. Plus, more than 600 newly created illustrations enhance the book's beauty as well as its utility.
MBM-IM121 **Order# 734722**

Painting & Varnishing *By Peter H. Spectre*
The key to a successful marine finish is combining an effective strategy with the right tools, materials, and techniques. Collective advice of several painting and varnishing experts with decades of experience among them. WBM-325-101 **Order# 135971**

Boatowners Mechanical & Electrical Manual 4th Edition
By Nigel Calder.
The Bible for boat systems is updated, and better than ever! Full of information about battery technologies including lead-acid, lithium-ion and fuel cells. How to establish a balanced battery-powered electrical system. Understanding and troubleshooting electrical circuits and improving the energy efficiency of your boat. Tips on corrosion, bonding and lighting protection. Operation, maintenance, troubleshooting and winter layup of diesel engines and much more! This is *the* guide to fixing everything on your boat. ITM-0071790330 **Order# 759465**



Marine Diesel Engines *By Nigel Calder*
The bible for do-it-yourself boat owners for more than 15 years. Full of information on fuel injection systems, electronic engine controls, and new diesel technologies. Diagnose and repair engine problems, perform routine and annual maintenance, extend the life and improve the efficiency of your engine. ITM-0071475358
Order# 172279

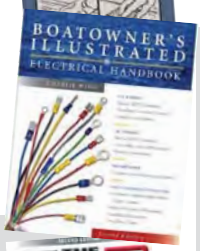


BOAT BUILDING

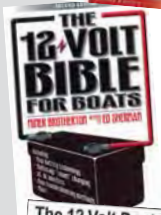
Keeping the Cutting Edge
by Harold H. Payson
A valuable manual for all woodworkers. Written by a professional boatbuilder who abhors dull saws, this manual tells you how to sharpen and maintain all types.
MBM-WB07 **Order# 122283**

The Fiberglass Boat Repair Manual
by Allan H. Vaitses
This is the definitive guide for fiberglass boat repair and beautification, covering not just cosmetic dings and scratches, but also major repairs of structural damage to hull and decks. MBM-IM83 **Order# 122193**

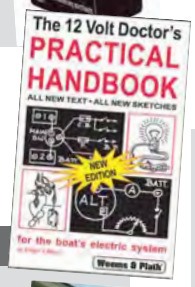
Fiberglass Repair *Polyester or Epoxy: Second Edition*
by David & Zora Aiken. Aimed at giving the determined boat owner the necessary skills and confidence to tackle typical fiberglass repairs. BK-870336089
Order# 729738



Boatowner's Illustrated Electrical Handbook
by Charles Wing. Perfect for learning how your boat's electrical system and much of its equipment works. An invaluable guide when adding equipment. A ready reference on how to make effective repairs and modifications that comply with ABYC standards.
ITM-0071446443 **Order# 171257**



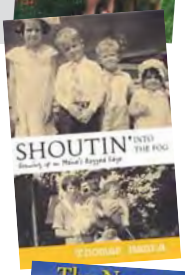
The 12-Volt Bible for Boats
by Miner K. Brotherton & Edwin R. Sherman
Introduction to the 12-volt electrical systems used on small boats to power everything from reading lights to bilge pumps. Thoroughly updated with respect to modern batteries, breaker and panel design, alternative energy sources, and troubleshooting equipment, but it retains the fundamental simplicity that is the source of its enduring popularity. ITM-0071392335 **Order# 167972**



The 12 Volt Doctor's Practical Handbook:
For the Boat's Electric System
By Edgar J Beyn. This timeless classic provides a clear and useful guide for electrical system troubleshooting. It covers such subjects as lightening protection, engine instruments, and alarms. WEM-15010 **Order# 165762**

MAINE

Island Schoolhouse
by Eva Murray. This book delves into life on six remote, windblown Maine islands, where the children are still educated in one-room schools. After two mainland one-room schools closed in 2009, these islands maintain the last taxpayer-funded public one-room elementary schools in the state. But despite very small student populations and sometimes shrinking communities, these remaining schools are not slated to close.
BK-0884483403 **Order# 757037**

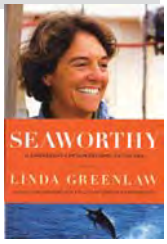


Shoutin' Into the Fog:
Growing up on Maine's Ragged Edge
by Thomas Hanna. A gritty Depression-era memoir of life in Midcoast Maine. Author Thomas Hanna, a long-time resident of Bath, grew up in the village of Five Islands on Georgetown Island, in a small, crowded bungalow pieced together with secondhand wood and cardboard on the edge of a swamp. DL-3231-8-4 **Order# 172163**

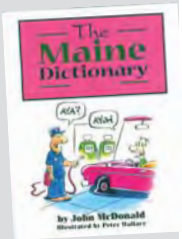
The Names of Maine
by Brian McCauley. Discover the origins and meanings of the names of more than 1,000 alphabetically listed cities, towns, mountains, rivers, lakes, bays, & islands. You'll discover the origin of the name "Maine"; what "Down East" really means; why the eastern part of Maine is called "Acadia"; and more.
BK-13974041289 **Order# 163796**

MAINE

Island Journal
Island Journal is the Island Institute's annual publication, celebrating and exploring island life since 1984. Its feature stories, analysis, poetry, and photographs take readers to islands in Maine and around the world. Readers say the stunning imagery and lay-out make Island Journal worthy of a place on the coffee table of anyone who loves Maine's islands and coast.
ILT-IJ **Order# 144724**

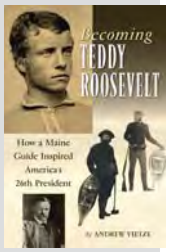


Seaworthy: A Swordboat Captain Returns to the Sea
by Linda Greenlaw
Greenlaw travels 1,000 miles from her Maine home with an eager crew of four guys–three of them experienced sailing buddies–looking for swordfish on the 63' steel boat Seahawk on the Grand Banks of Newfoundland. Nearly everything that could go wrong, did, including her arrest for illegally fishing in Canadian waters.
TWG-0143119562 **Order# 736169**



The Maine Dictionary
by John McDonald,. McDonald is a professional storyteller & Portland radio personality. He loves his state and its unique brand of American English. With over 300 lexical gems, and 50 witty, wacky cartoons from Peter Wallace, The Maine Dictionary makes talking like a Mainer easy as A, B, C. D is for "Dawyahd": That paht of your yahd that's by your back daw.
BK-1933212692 **Order# 174780**

A Moose & A Lobster Walk Into a Bar
By John Mc Donald. A wonderful mix of classic Maine storytelling, stretched truths & wry observations. In this collection of essays & stories, John extols the important economic power of Maine's Yard Sale Industry, bemoans that Massachusetts (still upset because it allowed Maine to become a state in 1820) is buying it back one house at a time and relates how the state's infamous black fly was really just an attempt at controlling tourists gone haywire.
DL-1662-7-6 **Order# 156755**



Becoming Teddy Roosevelt
How a Maine Guide Inspired America's 26th President *by Andrew Vietze.* Young Theodore Roosevelt was sent to hunt & fish in the Maine wilderness as a way to work through the death of his beloved father. Under the influence of legendary Maine Guide Bill Sewall, who became his trusted lifelong friend, the experience transformed this indulged & sickly rich city kid, strengthening both his body and his character, and sparking the passion for wilderness which would inspire his later conservation achievements.
BK-0892727841 **Order# 734979**

Well Out to Sea
Year Round on Matinicus Island *by Eva Murray.*
Ever wonder what's it *really* like to live on Matinicus? Eva Murray moved to Matincus 23 years ago to teach the island's children and learned quite a lot herself. This is an honest, unsentimental account of daily, year long island life, and a hearty portrait of the individuals and community who manage it. These are the stories of that unique community, of an interdependence that is all too rare these days but necessary for this island's survival.
BK-0884483311 **Order# 735731**

East of the Hague Line
by Gordon Holmes.
An adventurous, dramatic and quickly paced suspense novel written about life at sea, commercial fishing in the Gulf of Maine and the far reaching tempestuous North Atlantic. This book takes a close personal look at what it takes to live the life of an offshore fisherman. Writer Gordon Holmes, a Maine native, captures the rhythms and tensions of life aboard a commercial fishing boat.
GH-1466941847 **Order# 747964**

A
Absorbents- Oil ... 275
Accent Striping ... 342
Accumulator Tank ... 200
Acetone ... 332
Acid Brush ... 339
Adapters-Pipe to Hose
- Metal ... 214,216
- Plastic ... 218,219

Adhesives
- Caulking ... 335
- Cement ... 64
- Epoxy ... 339-341
- Glue ... 334,336
- Weld Mount ... 334

Aerator ... 196
Air Freshener ... 349
AIS ... 10,20,25
Alarm
- Bilge ... 195,198
- Exhaust Overheat ... 222
- Smoke & Fire ... 305

Alcohol Saliva Test ... 64
Alligator Clips ... 173
Anchor Accessories
- Canoe Lock ... 145
- Chain ... 145
- Chocks ... 145
- Holder ... 145
- Lines ... 144
- Rode Markers ... 144
- Rodes ... 144
- Rollers ... 142
- Swivels ... 141
- Windlass ... 142

Anchor Bar ... 76
Anchors
- C.Q.R. ... 141
- Claw ... 141
- Danforth ... 140
- Delta ... 141
- Dor-Mor ... 139
- Folding Grapnel ... 145
- Fortress ... 140
- Grapnel ... 145
- Helix ... 139
- Mooring ... 52,139
- Mushroom ... 52,139,141
- River ... 145
- Rocna ... 141
- Rollers ... 142
- Sea ... 89
- Super Hooker ... 140

Anodes ... 230,231
Antenna/Radio Tester ... 13
Antennas
- Accessories ... 12-14
- AM/FM ... 27
- CB ... 11
- Extensions ... 12,13
- Mounts ... 12,13,25
- Sirius ... 27
- Tester ... 13
- TV Antenna ... 13
- UHF Connectors ... 14
- VHF ... 12

Antifouling Paste ... 240,319
Antifreeze ... 278
Aprons ... 40
AquaSeal ... 59,220
Autopilots ... 20
Awl ... 109

B
Bags
- Bulkhead Sheet ... 110
- Canvas ... 110
- Ditch ... 68
- Ditty ... 110
- Dry ... 110,286
- Duffel ... 110
- Lifevest ... 75
- Mesh Gear Bags ... 110
- Riggers ... 110
- Tool ... 110

Bailer, Hand ... 282
Bait & Filet Table ... 306
Bait
- Bag Material ... 56
- Bags ... 56
- Cleats ... 57
- Irons ... 56
- Line ... 53
- Net ... 65
- Spikes ... 56

Ball Valves ... 215,218
Barbecues ... 306,307
- Covers ... 306
- Mount Hardware ... 306,307
- Regulator ... 306
- Tool Set ... 306

Barometer ... 32,33
Barrel Bolt ... 153
Barrels ... 58
Barvells ... 40
Base Layer ... 44
Baskets
- Bushel, Orange ... 58,300
- Clam ... 51,300
- Pack ... 364

Batten-Sail ... 102
Batteries ... 172
- Box Carry Handle ... 173
- Boxes ... 173
- Cables ... 185
- Chargers ... 9,192-193
- Clips ... 173
- Combiner ... 174
- Inverters ... 192,194
- Isolator ... 174
- Monitor ... 194
- Relay ... 174
- Rings ... 173
- Stud Caps ... 188
- Switches ... 174-176
- Terminals ... 173
- Tray ... 173
- VHF ... 8,9

Bearings
- Cutlass ... 244
- Shaft ... 242
- Skeg ... 242
- Stern ... 242,243

Bedding Compound ... 317,320,335
Bees Wax ... 109
Belaying Pin ... 108
Bells
- Buoy ... 364
- Fog ... 92
- Ship's ... 92
- Wind ... 364

Belts- Inflatable ... 79
Bilge Blowers ... 227
Bilge Cleaner ... 348
Bilge Pumps ... 195-197
Binoculars ... 38,39
Bird Deterrent ... 103
Block
- Cheek ... 100
- Eye ... 100-102,108
- Fiddle ... 100,101
- Lobster ... 61
- Malleable Iron ... 63
- Rope ... 100-102,108
- Sailboat ... 100-102
- Skiff ... 61
- Snatch ... 100,101
- Swing ... 62
- Try-Net ... 63
- Wood ... 62

Boat Covers ... 273
Boat Cushions ... 73
Boat Hooks ... 127,351
Boat Model Kits ... 365
Boat Pitch ... 334
Boat Seats ... 289
- Pedestals ... 288,289

Boat Soap ... 345-347,352
Boat Stands ... 273
Boat Stove Alcohol ... 307,332
Bolts ... 360
- Barrel ... 153
- Cupboard ... 153

Books ... 366-370
Boots ... 48,49,112,114
- Bands ... 49
- Children's ... 49,112
- Hiking ... 114
- Hip ... 48
- Insoles ... 49
- Insulated ... 48,49
- Knee ... 48,49
- Liners ... 49
- Lobstering ... 48,49
- Women ... 49
- Yachting ... 114

Bore Reducer Bushings ... 244
Bosun's Chairs ... 102
Bottle Opener ... 299,365
Bow Eyes ... 97
Bow Thrusters ... 233
Box, Dry ... 15,87
Bracket
- Electronic ... 15
- Hanger ... 364
- Ladder ... 155,290
- Lamp ... 33
- Motor ... 281,287
- Ring Buoy ... 72
- Table ... 155

Brads ... 363
Bridge Plank ... 64
Bristol Finish ... 320
Bronze Wool ... 332
Brushes
- Cleaning ... 329,350,351
- Fiberglass ... 338
- Paint ... 327

Buckets
- Canvas ... 110
- Plastic ... 58,204,350
- Rubber ... 58

Buffers ... 345,350
Bulbs- Light ... 158-171
Bumpers
- Commercial ... 261
- Corner ... 261,268,270
- Dock ... 268,270
- Post ... 268,270
- Push Plate ... 261

Bungee Cord ... 53,124,272
Bungs
- PVC ... 266
- Wood ... 354

Buoy Bells ... 364
Buoy Spindles & Washers ... 54
Buoy Sticks ... 54
Buoys
- Hardshell ... 134
- Horseshoe ... 73
- Lobster ... 54
- Low Drag ... 54
- Mast ... 135
- Mooring ... 131,134,135
- Net ... 54
- Pick Up ... 135
- Regulatory ... 134
- Ring ... 69,72
- Solar Light ... 134
- Winterstick ... 135

Burrs ... 363
BusBars ... 176,177
Butane Torch ... 174
Butt Connectors ... 185,186

C
Cabinet Hardware ... 152-156
Cable
- Assemblies ... 185
- Audio ... 14
- Battery ... 185
- Bilge Pump ... 185
- Cap Stud Insulators ... 188
- Clamps ... 187
- Clams ... 14
- Coaxial ... 14
- Connectors ... 14,177
- Control ... 234
- Covers ... 105
- Cutter ... 107,188
- Deck Seals ... 14
- Fittings ... 14,235
- Galvanized ... 63
- Instrument ... 185
- Shore Power ... 189,190
- Ties ... 187
- Trailer Hitch ... 292,293
- Trawl ... 63

Canoe Accessories ... 286,287
Canoe Rail ... 267
Cans
- Diesel ... 279
- Gas ... 279
- Kerosene ... 279
- Water ... 279

Canvas Hardware ... 254
Canvas Tote ... 110
Carbon Monoxide Detector ... 305
Carhartt ... 43,46,47
Carriage Bolts ... 360
Cartop Carriers ... 287
Caulking
- Adhesive ... 335
- Cotton ... 334
- Guns ... 334
- Iron ... 334
- Nozzles ... 335
- Oakum ... 334
- Primer ... 335

Remover 334,335
Sealants 335
Tube Sealer 336
Tubes 339
CB Radio 11
CD Player 26
Chafe Guard 133
Chafing Gear Shingles 62
Chain
Anchor 137,145
Boat Stand 137,273
Cutters 137
Galvanized 136,137
Grabber 145
High Test 137
Mooring 136,137
Self-Colored 136
Snubber 145
Stainless Steel 137
Stopper 145
Windlass BBB 137
Chairs
Bosun's 102
Deck 289
Tips 289
Chapman's 366
Chargers
Battery 174,192-194
USB 181,182,194
Chart Light 163
Chartplotters 17-21
Charts
CD Chart Kits 28
Chips 16
Compass 30
Correction Kit 29
Electronic 16,31
Holders 29
NOAA Charts 29
Plotting Sheets 30
Waterproof 28,29
Weatherproof Cover 28,29
Weights 33
Chemical Sprayer 352
Chimney Cleaner 309
Chimney Fire Extinguisher 91
Chocks 145-147
Christening Bottle 301
Circuit Breakers & Panels .. 177,178,180-182
Clam
Baskets 51,300
Gauge 51
Hoe 51
Clamps
Cable 63
Driver 209
Exhaust 222
Hose 209,222
Protective Tips 209
Snapper 280
Wire Rope 63
Cleaners
Adhesive 335,345,352
Barnacle 352
Bilge 348
Bottom 345,347
Brush 332
Bucket 350
Chimney 309
Chrome 345
Fabric 348
General Purpose 345,347,352
Inflatable Boat 345
Metal 345
Mildew 348,349
Pads 330,350,351
Plastic 348
Restorer 345,346
Sail 348
Soap 346,347,352
Sponges 350,351
Stain Remover 348
Teak 321
Towels 350
Vinyl 345,346
Wax & Restorer 346
Windshield Treatment 352
Cleats 100,148,149
Cam 100,102
Clam 148
Dock 149
Rail Mount 148
Clinometer 109
Clocks & Bases 33
Clothing
Carhartt 43,46,47
Eat Fish 44,45
Gloves 47,49,50
Hats 41,45,111,117
Long Underwear 44,46
Socks 47
Sweats & Tees 42,44-47
Clutches 61
Coaxial Cable 14
Cold Shuts 62
Combiner 174
Comealong 137
Commercial Fishing 40-65
Compasses 36,37
Covers 36
Handheld 37
Oil 36
Composite Panels 258
Composite Structures 258
Controls, Engine 232,233
Coolers 304
Copper Tacks 285,363
Corrosion Inhibitor 276,321,345
Cotter Pins 54,104,356
Countersinks 353
Cover Gard 329
Cover- Boat 273
Coveralls 344
Crab Picks 301
Crab Traps 65
Crimper 107,188
Crocs 112
Cushion Clamps 187
Cushion- Boat 73,286
D
Damper Plates 246
Davit Poles 61
Day Mark Signals 89
Debond 335
Deck Brushes 350,351
Deck Fills 226
Deck Mats 64
Deck Pipe 147
Deck Plates 226,250,251
Deck Plugs & Sockets 14
Deck Putty 344
Deck Shoes 112,113
Deckwash Fitting 205
Dehumidifiers 349
Denatured Alcohol 332
Depth Finder 20,22
Depth Sounder 16-18,20,22,24
Diesel Can 279
Dinghies 282
Accessories 281,282,284-287
Glue 287
Hoisting Harness 287
Lights 281
Oars 284
Outboards 281
Painters 287
RID Kits 282
Sail Kits 282
Dinnerware 301
Disconnect Terminals 186
Distress Signal 83,85,86-88,92
Divider 30
Diving Supplies 58,59
Dock Bumper 268,270
Dock Floats 271
Dock Hardware 271
Dock Lines 126
Dock Steps 290
Dock Wheel 268
Dog
Leashes & Collars 76
Life Vests 76
Treats 76
Door Button 154
Door Catches 153
Door Latch 152-154
Door Stops 153,364
Drag Hooks 56
Drain Plugs 219
Drain Tubes 219
Dri-Deck 64
Drill Bit 353
Drink Holders 92,298,299
Drinkware 301
Drive Bits 354
Stainless Steel 354
Drive Sleeve 240
Drivesaver 246
Drop Cloth 329
Dust Masks 333
DVD 339,365
E
Ear Muffs 333
Ear Plugs 333
Electric Outboards 281
Electrical
Adapters 189
BusBars 176,177
Cable Stripper 188
Circuit Breakers 181,182
Connectors 185-187
Coverters DC 192
Dielectric Grease 173
Fuses 178
Insulated Studs 176
Link Bars 176
Panels 178,180,181
Receptacles 182
Switches 179
Tape 173
Terminal Blocks 177
Thru-Deck Fittings 14
Tune-Up Grease 276
USB Charger 181,182,194
Wire 184,185
Wire Tester 188
Electronics 7-27
Elver Net 58
Emergency Blanket 76
Engine
Additives 277
Flush Kit 215
Lubricants 276-278
Mounts 246
Oil 278
Pumps 210,211
Repair Manuals 366
Shaft Accessories 241,244-246
Shutdown System 90
Warning Kit 195
Epirbs 83,85
Hydrostatic Release 83,85
Epoxy
Adhesive 336,339,341
Books 338
Colloidal Silica 338
Dispensing Pump 338,340
Glass Fabric 338,342
Glue 319
Mixing Pot 329,338
Pigment 339,343
Putty Sticks 336
Release Fabric 339
Repair Packs 338,339,341
Resin 338-341
Rot Fix 336,341
Escape Vents 57
Escutcheon Pins 363
Exhaust Elbow 246
Exhaust Guard 222
Exhaust Tubing 223
Exhaust Wrap 222
Water Glass 223
Eye Bolt 97,146
Eye Screw 146
Eye Straps 97,101
F
Fairing Compound 338,340,341
Fans 304
Fasteners 353-363
Kits 354
Faucets 205,302
Fenders 128
Accessories 129,151
Covers 129
Whips 129
Fiberglass
Air Rollers 343
Biaxial Cloth 342
Brushes 338
Cloth 338,342
Filler 338,340,341,344
Gel Coat 343
Gloves 344
Grating 258
Mat 342
Mold Release 343
Pigment 339,343
Pumps 338,340
Repair Kit 338,339
Resin- Epoxy 338-341
Resin- Polyester 343
Resin- Vinylester 343
Rollers 328,343
Spreaders 337,339
Stain Remover 348
Tape 338,342
Thinner 344
Tyvek Suit 344
Wax Solution 344
Fids 120

Filters
- Fuel 225,228,229
- Oil 229,278
- Water 213,229

Fire Extinguishers 90,91
Fire Starter 307
First Aid Kits 88,365
Fish Totes 58
Fishfinders 18,19,21,22,24
Fishing Supplies
- Circle Hooks 58
- Jigs 65
- Line 65
- Nets 65
- Rods 65

Fix-A-Flat 295
Flags 34,35
- Clips 35
- Distress 87
- Divers 34,89
- Halyard Kit 89
- Pole Sockets 35
- Poles 35
- Trawl 56

Flanging Tool 219
Flares 86-88,92
- Boxes 87

Flashlights 69,94,95
Flat Stock 260
Flatware 301
Float Coats 67
Float Suit 67
Floats 54,59
Floor Anchors 259
Fluid Film 276
Foam Pads 287
Foam- Polyurethane 344
Fog Bells 92
FogMate™ 92
Footman's Loop 97
Foul Weather Gear 40-43,67,115-117
- Children's 41

Fuel
- Butane 307
- Demand Valve 279
- Filter 225,228,229
- Fittings 224,225,228,280
- Funnel 229
- Gauges 234
- Hose 220
- Line Assemblies 280,281
- Propane 307
- Sending Unit 225
- Spout 279
- Stabilizer 277
- Tank Strap 279
- Tanks & Cans 224,279
- Valve 225
- Vapor Monitor 91,305
- Whistle 220

Fume Detector 91
Funnel 229
Funny Eyes 57
Fuse Block 177,178
Fuse Holder 176,179
Fuse Panels 178,180,181
Fuses 178

G

Gaffs 56
Galvanize Spray 276
Games 364,365
Garboard Drain 219
Garden Guards 364
Gas Cans & Tanks 224,279
Gas Detectors 91,305
Gauges
- Clam Lobster ScallopOyster Quahog 51
- Fuel Pressure 234

Gear Hammock 110
Gear Ties 109
Gelcoat 343
- Pigment 339,343
- Repair 339,343

Gift Cards 3
Gifts 364,365
Git Rot 336
Gloves
- Clam 50
- Cold Water 49
- Fiberglassing 344
- Fishermen 49
- Heat Holders 47
- Latex 344
- Neoprene 49
- Nitrile 50,344
- Rubber 50
- Sailing 117
- Touchscreen 50

Glue 319,334,336
Gluvit 336
GPS 15,21
- Accessories 15

GPS Mount 15
GPS/Chartplotter 16-21
Grease 276
Grease Gun 276
Grommets 187,254,272
Ground Strap 185
Grounding Plates 14
Grundens 40,41,44,45,115
Gudgeons 147
Gullsweep 103
Gunwale Guard 269,270
- Accessories 269

H

Hailers 11
Half Oval & Round 260
- Strakes 260

Halyard Kit 89
Hammerlock 62
Hand Pump (air) 129
Handles
- Bow 151
- Extending 351
- Extension Pole 328,351
- Hatch Lift 152
- Pull 151
- Wooden 328,351

Handrails 256,257
Harness- Safety 79,81
Hasps 154
Hatch Lift 152
Hatches
- Access 250
- Adjuster 254
- Cast 249,250
- Commercial 248-250
- Flush 248-251
- Gasket Material 248-250,253
- Hardware 254
- Hinged 249-253
- Inspection 248-251
- Molded 253
- Quick Release 248
- Wrench 248,250

Hats
- Ball Caps 45,111,117
- Beanies 45,111
- Eat Fish 45
- Fleece 111
- Hamilton Marine 111
- Head Net 111
- Sou'wester 41
- Tilley 111
- Visor 117
- Wool Watch 111

Hawsepipes 147
Head Lamp 94
Heading Needles 53
Heads 203,204
Heat Gun 275,337
Heat Shrink Connectors 186
Heat Shrink Tubing 188
Heaters
- Accessories 305,308-310
- Bus 310
- Diesel 308,309
- Propane 306,308
- Solid Fuel 308

Helmseat 288,289
Hex Keys 353
Hinges 155,156
Hip Boots 48
Hitch Pins 106,295
Hog Ring Pliers 51
Hog Rings 51
Hooks
- Coat 151
- Coleman 150
- Door 153
- Fender 129,151
- Folding 151
- Grab 62
- Grapnel 145
- Hammock 110,151
- Lash 151
- Safety 150
- Slip 62
- Snap 62,98,99,150,295
- Swivel Snap 62,98,99,150

Horns
- Fog 92
- Sports 92
- Trumpet 93

Hose
- Adapters 205,214,216-219,227
- Bilge 220
- Clamps 209,222
- Couplers 221,223
- Exhaust 221
- Fuel 220
- Nozzle 205
- PVC 221
- Sanitation 204
- Spring Coil 205
- Vent Duct 220
- Water 199,205,221

Hose Bibb 205
Hull Cleaner 345-348,352
Hydrostatic Release 83,85

I

Ice Chests 304
Ice Pick 69
Ice Rescue Suit 69
Immersion Suits 68
Impellers 206-208
- Removal Tool 208

Inclinometers 109
Inflatable Boat Repair 283,287
Inflatable Boats 283
Inflatable Vests 78,79
Insoles 49
Instruments 20,234
Inverters 191,192,194

J

J Clips 51
Jackets
- Bomber 67
- Carhartt 46
- Fleece 41,117
- Float 67
- Grundens 40,41,43,45
- Rain 40-43,115-117
- Safety 43,67
- Sailing 115-117
- Womens 116,117

Jacklines 81
Japan Driers 332
Jib Hanks 102
Jump Starter 194

K

Kayak Compass 37
Kayak Paddles 284
Keel Guard Kit 268
Keel Pipe Fittings 246
Kerosene Can 279
Key Stock 245
Keychains 76,95,365
Kneepads 41
Knives
- Multi Tool 114,118
- Net & Twine 41,119
- Rescue 114,118
- Sharpeners 119
- Sheath 41,119

Knot Tying Kit 365

L

Ladders 290
- Brackets 155,290
- Swim Platform Kit 290

Lamp Oil 33
Lamps 33
Lanterns- LED 95
Lap Links 62
Latches
- Door 152-154
- Slam 152

Lawn Ornaments 364
Leatherman Tools 118
Leggings 44
Letters 283
Lev-o-gage® 109
Life Jackets
- Childrens 71,74,75
- Commercial 71
- Inflatable 78,79
- Pet 76
- Recreational 74,75
- Storage Bag 75

Life Rafts 68
- Strobe Lights 72,81

Life Rings 69,72
- Bracket 72
- Letter Kit 72
- Repair Kit 72

Lifeline Cushions 105
Lifeline Kit 105
Lifeline Stanchions 105
LifeSling 73
Lift Ring & Strap 151

Light Sticks....81,95
Lighter....307
Lights
All-Around....158-160,171
Brass....163
Bulkhead....164
Cabin....163,164
Chart....163
Courtesy....165
Deck Lights....169
Dinghy....281
Docking....169,171
Dome....163,164
Engine LED....165
Flashlights....69,94,95
Flex Strip....164
Flood....167,169
Indicator....182
Interior LED....163-165
Keychain....95,365
Lantern....95
Life Jacket....81
Navigation....157-162,281
Personal Marker....68,76,81
Portable Running....160,281
Rescue....72,81
Running....158-162
Search....168,169
Solar....94,171
Spotlights....167-169
Spreader....169
Spreader LED....165
Stern....159-162
Strip....164
Strobe....72,81,95
Trailer....291
Transom....159,161
Utility....161,165
Water Activated....81
Windex....103
Work....167-169
Links
Galvanized....62
Lap....62
Quick....62
Sling....137
Linseed Oil....332
Lip Balm....40
Liquid Rubber....339
Livewell....289
Lobster & Crab Picks....301
Lobstering
Banding Tool....51
Bands....51
Boots....48,49
Breakaway Swivels- Links....54
Buoys....54
Crates....58
Escape Vents....57
Gauges....51
Gloves....50
Heads....57
Long Line....58
Pot Warp....52
Supplies....51-54,56-61
Tail Notchers....51
Trap Tools....56,57
Trap, Lobster....58
Locks
Fender....129
Outboard Motor....287
Pad Lock....155
Trailer Hitch....295
Long Underwear....44,46
Lubricants....59,109,276-278
Lug Crimper....185
Lugs....185
Lumber....259
M
Macerator Pumps....202
Magnifier....30
Mainsheet System....101
Man Overboard System....73
ManLine....52
Marine-Tex....336
Marline....109
Marlinspikes....107
Masking Film....329
Mast Boots....105
Mast Buoy....135
Mast Hoops....109
Mast Mount....13
Mast Step....102
Mats
Pot Warp....300
Rubber Deck....64
Measurers
Clam Lobster Scallop Oyster Quahog....51
Medical Shears....69
Micro Balloons....339
Mineral Spirits....332
Mixing Tubs....329
Models, Boat....365
Molding
Brass....260
Stainless Steel....260
Stainless Steel Ends....260
Monkey Fist....133
Mooring
Anchors....52,139
Bitts....147
Buoys....131,134,135
Chafe Guard....133
Chain....136,137
Hardware....137-139
Paint Markers....135
Pendants....132,133
Selection Guide....130,131
Snubber....128
Winterstick....135
Mop....350,351
Motion Sickness Bar....76
Motor Flusher....274
Motor Mount....281,286,287
Motor Well Boot....235
Mufflers....223
Mug- Travel....45,301
Multimeter- Electrical....188
N
Nails....362
Ring....362
Navigation Aids....28-31
Navigation Software....31
Neck Warmer....111
Needles
Heading....53
Sail....109
Netting- Safety....73
Noise Control....247
Nuts....361
O
Oakum....334
Oar Leathers....285
Oarlock Sockets....285
Oarlocks....285
Safety Chain....285
Stoppers....284
Oars....283,284
Grips....284
Holders....285
Odor Neutralizer....203,204,349
Oil
Absorbents....275
Booms....275
Compass....36
Coolers....246
Filters....229,278
Gear....278
Hydraulic....278
Lamps....33
Motor....278
Outboard....278,281
Teak....321
Oil Lamps....33
Chimney....33
Oil Plaques....64
Ordering Information....3
Ospho....321
Outboard Extension Handle....287
Outboard Motors....281
Overboard System....73
Owl Decoy....103
Oyster Gauge....51
P
Pack Baskets....364
Packing Boxes....245
Hose....245
Wrenches....245
Pad Eyes....97
Pad Locks....155
Paddles....284
Paint
Ablatives....312-315
Additives....314,318,322
Alexseal....326
Aluminum Safe....312-315
Antifouling....312-315,317
Bilge....316,318,322
Boot Top....316,325
Brushes....327
Epoxy Primer....314,317,319,321
Flattening Agent....316,317
Flow Enhancer....322
Inflatable Boat....283,315
Iron Guard....55
Life Ring....72
Lobster Buoy....55
Marker....135
Masker....329
Mixers....337
Mooring Buoy....135
Mooring Line....315
Non-Skid....316,318,320,325
Primer...314,315,317-319,321,325
Prop & Drive....312,315
Remover....317,332
Repair Compound....318
Roller Frames....322,328
Roller Tray....329
Rollers....322,328
Scraper....337
Spray Gun....276,320
Strainer....329
Stripper....317,332
Thinners....55,317,319,322,332
Topside....315,316,318,325
Tubs....329
Water-based....312-315
Wood Filler....317,320
Pants....40-46,115-117
Parallel Rule....30
Pedestals- Seat....288,289
Pelican Hook Repair Kit....106
Pendant- Mooring....132,133
Penetrol....321
Personal Locator....83,85
Pet Vests....76
PFD....71,74-79
Inflatable....78,79
Pigtail Adapters....189
Pine Tar....320
Pintles....147
Plaques
Compliance....64
Plates....301
Pliers
Hog Ring....51
J-Clip....51
Plotting Supplies....30
Plug Cutters....353
Plug- Emergency....213
Plumbing
Adapters....199,214-219
Ball Valves....215,218
Fittings, Bronze....214,216,217,219
Fittings, Plastic....214,218,219
Hose....220,221
Marelon®....218
SeaTech System....199
Strainers....201,212,213
Tape....217
Tubing....199
Plywood....259
Polish....345-347,350
Poncho....76
Portlights....252
Pot Haulers....60,61
Parts & Accessories....60,61
Pot Warp....52
Grabber....52
Power Outlet....189,190
Power Steering....238,239
Power Supplies....8
Primer....314,315,317-319,321,325
Propane
Cylinders....305
Hose....305
Monitor & Sensors....91,305
Regulator....305
Propellers....240
Bore Reducer Bushings....244
Hubs....240
Shaft Couplings....246
Shafting....245,246
Protractor....30
Pulleys....108
Pumps
Aerator....196
Bearing....210
Bilge....195-197
Circulating....309
Clutch....211
Diaphragm....195,200,201
Drill Pumps....274
Engine....210,211
Fender....129
Foot....282
Fresh Water....200
Galley....302
Gear Pump....274
General Purpose....200,201
Hand-Bilge....195,286

Kayak ... 286
Livewell ... 196
Livewell Aerator Kit ... 196
Lower Unit ... 278
Macerator ... 202
Oil Changer ... 274
Oil Drain ... 274
Parts ... 195,196,201,202,206-208
Service Kits ... 208
Shower ... 201
Submersible ... 196,197
Sump ... 198
Utility ... 274
Washdown ... 200,201,205
Waste Evacuation ... 202
Water System ... 200,201,302
Winterization ... 274
Putty ... 317,344
Putty Knives ... 337

Q

Quad Port Fittings ... 208
Quahog Gauge ... 51
Queaz Away Bands ... 76

R

Race Watch ... 114
Radars
Domes ... 18,20,21,25
Mounts ... 25
Multifunction ... 16-21,25
Reflectors ... 89
Stand Alone ... 25
Wireless ... 25
Radios
AM-FM ... 26
CB ... 11
Fixed Mount VHF ... 10,11
Handheld VHF ... 8,9
Microphone ... 8-10
Speakers ... 11,27
Stereo ... 26
Tester ... 13
Rags ... 329
Rail & Fittings ... 256,257
Rain Gauge ... 32
Rain Gear
Commercial ... 40-43,45
PVC Patch Kit ... 41
Recreational ... 115-117
Womens ... 40
Rake
Clam ... 51
Urchin ... 59
Ratchet Crimp Tool ... 188
Ratcheting Straps ... 292
Receptacles ... 182
Recreational Fishing ... 58,65
Reference Cards ... 31
Reflective Tape ... 72
Refrigerators ... 304
Registration Plates ... 283
Repair Manuals ... 366
Rescue Suits ... 69
Resin
Epoxy ... 336,338-341
Gel Coat ... 343
Mixing Sticks ... 337,339
Mixing Tubs ... 329,338
Pigment ... 339,343
Polyester ... 343
Syringes ... 338,341
Vinylester ... 343
Respirators ... 333
Ring
Brass ... 146
D ... 97,300
Drop ... 151
Lift ... 97,151,152
On Plate ... 97,108
Pull ... 152
Ski Tow ... 149
Ring Bolt ... 146,268
Ring Terminals ... 186
Rivets- Pop ... 286,363
Rocker Stoppers ... 89
Rod ... 260,360
Rod Holders ... 65
Rope ... 120-126
Anchor ... 144
Chafe Guard ... 133
Cutting Gun ... 52,108
Dacron Cord ... 109
Dinghy Painters ... 287
Dock Lines ... 126
Manila ... 125
Measurer ... 52
Nylon ... 124
Pendants ... 132,133
Polyester ... 121,125
PolyPlus ... 125
Pot Warp ... 52
Real Deals ... 122,123
Sash Cord ... 133
Three-Strand ... 122-126
Tie Down ... 272
Tow Rope ... 69,121,124,287
Whipping ... 108,120
Yacht Braid ... 120,121
Rot Repair ... 336,341
Rub Rail ... 262-267,269,270
End Cap ... 266
Flexible ... 269-270
Rigid ... 262-264, 266,267
Rubber Gasket ... 243
Rubber- Liquid ... 287,339
Rubbing Compound ... 347
Rudder Ports ... 242,243
Ruler ... 30

S

Safety Harness ... 81
Safety Hasps ... 154
Safety Hook ... 150
Safety Net ... 73
Safety Wire ... 139
Sail
Battens ... 102
Blocks ... 100-102
Clevis Pins ... 104
Clothing ... 111-117
Cotter Pins ... 104
Cotter Rings ... 104
Hardware ... 98-108
Needles ... 109
Palm ... 109,285
Quick Release Pins ... 104,106
Repair Kit ... 109
Ties ... 109
Twine ... 109,285
Salt Off ... 352
Sandals ... 112,113
Sanding Block ... 331
Sanding Discs ... 330,331
Sandpaper ... 330,331
Sponge ... 330
Scallop
Bags ... 59
Gauge ... 51
Link Closer ... 59
Links ... 59
Rings ... 59
Tie Twister ... 59
Ties ... 59
ScotchBrite Pads ... 330,350
Screens ... 252
Screw Remover ... 363
Screwdrivers ... 363
Screws
Cap ... 359
Deck ... 354
Lag ... 356
Machine ... 357
Set ... 354
Square Drives ... 355
Tapping ... 260,358
Wood ... 355
Scribing Tool ... 363
Scuppers ... 209
Sea Jerky ... 76
Sea Sickness Aid ... 76
Sea Ties ... 109
Seaboard ... 259
Seacocks ... 215,218
Sealant ... 335,336,339
Seam Compound ... 317
Search Lights ... 168,169
Seats- Boat ... 289
Sewing Awl ... 109
Sextants ... 31
Shackles
Anchor, Galvanized ... 138
Crosby Anchor ... 138
D. Shackles ... 98,99
Halyard ... 98
Mooring Buoy ... 138
Snap ... 98,99
Soft ... 98
Stainless Steel ... 98,99
Trawl ... 63
Shaft
Logs ... 245
Nut Kits ... 244
Packing ... 245
Razors ... 241
Shirts ... 42,44-47
Shock Cord ... 53,124,272
Shoes ... 112,113
Shop Towels ... 329
Shore Power ... 189,190
Shorts ... 46
Shovels ... 58
Shower ... 286,303
Shrink Wrap & Accessories ... 275
Signal Mirror ... 87
Sikkens Cetol ... 320
Sinks ... 303
Skeg Bearings ... 242
Sleeves
Fishermen ... 41
Protective, Painting ... 344
Slide Rule ... 30
Smock ... 117
Smoke Detector ... 305
Snap Plugs ... 186
Snaps ... 58
Socks ... 47
Solar Panels ... 171
Solar Shower ... 286
Solder Kit ... 174
Solenoid Switch ... 179
Solenoid Valve ... 91,305
Solvents ... 55,317,319,322,332
Sou'wester ... 41
Sound Proofing ... 247
Spade Terminals ... 186
Spar-Fly ... 103
Spare Tire Carrier ... 295
Speakers
Stereo ... 26,27
VHF ... 11
Waterproof ... 26,27
Speedometer ... 234
Sperry Topsiders ... 113
Spiral Wrap ... 187
Splicing Tool ... 120
Split Conduit ... 187
Sponges ... 350,351
Spotlights ... 167-169
Sprayer ... 352
Spreader Boots ... 105
Spring Clip ... 99,150
Staples ... 363
Steam Generator ... 363
Steel Wool (S/S) ... 332
Steering
Cables ... 236,237
Fittings ... 235
Helm ... 237-239
Hose Kits ... 237
Hydraulic ... 237-239
Mounting Hardware ... 235
Outboard Kits ... 237
Power Knob ... 236
Trim Tabs ... 239
Wheels ... 236
Stencils ... 283
Step- Boarding ... 290
Stereo Enclosure ... 27
Stereos ... 26
Stern Bearings ... 242,243
Stickers, Reflective ... 76
Stickers-Dive ... 34,89
Stop Collars ... 243,353
Stove Pipe ... 309
Stoves
Diesel ... 308,309
Propane ... 307,308
Strainers
Baskets ... 196,213
Flushing ... 213
Hull ... 212
Intake ... 212,213
Raw Water ... 201,213
Scoop ... 212,218
Water ... 201,208,212,213,218
Strap Tangs ... 102
Stuffing Box ... 242,243
Sun Shower ... 286
Sundries ... 329,332,334
Sunglasses ... 114
Survival Suit ... 68
Suspenders ... 41,42
Swaging Fitting ... 106
Swaging Sleeves ... 107
Swaging Tool ... 106,107
Sweatpants ... 44
Sweatshirts ... 42,44,46,47
Swim Stirrup ... 290

Switches
- Battery 174-176
- Bilge Pump....196,198
- Float....196,198
- Heater....310
- Ignition....179
- Kill....179
- Panel....180,198
- Push Button....179
- Push-Pull....179
- Rocker....179,198,255
- Selector....175
- Starter....179
- Toggle....179,182
- Wiper....255

Swivels
- Anchor- Galvanized....139
- Anchor- Stainless Steel....141
- Boat Seat....288
- Buoy....139
- Commercial Fishing....54,62,63
- Galvanized....139
- Jaw & Eye....139
- Snap Shackle....98,99

Swordfish Darts & Shanks....58

T

T-Shirts....42,45,47
Tack Cloth....329
Tacks....363
Tail Pieces....303
Tanks
- Accumulator....200
- Flexible....199
- Fuel....224,279
- Hold Down Kit....279
- Holding....199,204
- Hydraulic....61,238
- Monitors....199
- Permanent Fuel....224
- Portable....279
- Propane....305
- Waste/Water....199,204

Tape
- Accent Striping....342
- Anti-Corrosion....238
- Butyl....252,335
- Dispenser....329
- Double Sided....330
- Duct....330
- Electrical....173
- Fine Line....330
- Liquid....173
- Masking....330
- Mast Boot....106
- Non-Skid....330
- Reflective....72
- Rigging....106
- Rubbaweld....106
- Rubber....261
- Sail Repair....106
- Seaming....247
- Tarp....272
- Teflon....217

Tarps....272
- Accessories....272

Teak
- Accessories....298
- Battens....259
- Cleaner & Oil....321
- Lumber & Plywood....259
- Molding....259
- Sealer....320,321

Terminal Blocks....177
Tester- Antenna & Radio....13
Thermometer....32
Thimbles
- Galvanized....138
- Nylon....107
- Pipe....63
- Stainless Steel....107,138

Thinner....55,317,319,322,332
Thread Lock....354
Threaded Rod....360
Throw Line....72
Thru Hull Wrench....245
Thru-Hulls
- Plumbing....214,218

Tide Calendar....367
Tide Clocks....33
Tiller
- Arms....242
- Extensions....103
- Tamer....103

Tilley Hats....111
Tire Sealer....295
Tire Strips....57
Tires, Trailer....294
Toggles....54
Toilets
- Electric....203
- Manual....203
- Portable....204
- Repair Kits....203
- Treatments (Chemicals)....203,204,349

Totes
- Canvas....110
- Fish....58
- Rubber....108

Tow Rope....69,121,124,287
Towels....300,329,345,350
Towing Bridle....287
Track Slides- Eye....102
Trailer Accessories
- Adapter....291,295
- Bearing Buddy....294
- Bow Guards....297
- Bunk Boards....296
- Bunk Brackets....296
- Bunk Carpeting....296
- Bunk Slicks....296
- Connectors....295
- Couplers....295
- Hitch Alignment System....292
- Hitch Balls....295
- Hub Kits....294
- Jacks....293
- Lights....291
- Ratchet Strap....292
- Roller Guides....296
- Roller Shafts....296
- Rollers....296,297
- Safety Chains....292
- Snap Hook....295
- Tire Fenders....294
- Tires....294
- U-Bolt....293
- Wheel Bearing Kits....294
- Winches....292,293
- Wire Harness....295

Trailer Winches....292,293
Transducers....22,24
Transom Exhaust....222
Transom Pad....287
Transom Tie-Downs....292

Trap- Lobster....58
- Cleats....57
- Clips & Tool....51
- Corners....57
- Door Closure....57
- Ergo Bricks....57
- Screws....57
- Vents....57

Trawl Cable....63
Trawl Shackles....63
Triangle....30
Trim....261
Trim Tabs....239
Tub Coils....58
Tubing- Stainless Steel....256
TubTrug....108
Turnbuckles
- Galvanized....63
- Stainless Steel....105

Turpentine....332
Twine
- Heading....53
- Mending....53
- Sail....109,285
- Seine....53
- Tarred Nylon....53

Twist Tie....109

U

U.V. Protect Spray....59
Underwater Pen....31
USB Charger....181,182,194

V

Valves
- Ball....215,318
- Diverter....215
- Fuel....225
- Non-Return....202
- Shut Off....225
- Y....195,202

Varnish....317-320,322
Velcro....108
Vented Loops....202
Vents
- Clam Shell....227
- Cowl....227
- Gas Tank....227
- Heater....310
- Louvered....227
- Solar Powered....227
- Thru-Hull....227
- Zebra....227

Vernatube....223
Vests....69,71,74-76,78,79
VHF
- Antennas....12
- Band Separator....13
- Batteries....8,9
- Fixed Mount....10,11
- Hand Helds....8,9
- Holders....8,9
- Radios....8-11
- Speakers....11

W

Washdown Faucets....205
Washers....361
Waste Holding Tanks....199,204
Watch....114
Water
- Bucket....58,350
- Conditioner....348
- Filter....229,302
- Strainer....212,213
- Tank, Holding....199

Water Heaters....199
Water Repellent....348
Waterlock....223
Waterproof Cases....9,15,110
Wax
- Bees....109
- Cleaners....346,347
- Zipper....59

Weather Instruments....20,32
Webbing- Nylon....108
Welcome Signs....364
Weld Mount....334
Weldless Rings....137
West System....338,339
Wet Notes....31
Whisker Pole....103
Whistle
- Bosun's....31
- Fuel....220
- Safety....92

Winches
- Electric....292
- Grease....104
- Handles....104,293
- Holder....104
- Self-Tailing....104
- Trailer....292,293

Wind Bells....364
Wind Indicators....20,32,103
Windlasses....142
Window Channel....261
Windshield Hardware....254
Windshield Washer Kit....255
Winter Stick....135
Wipers
- Arms....255
- Blades....255
- Motor....255
- Switch....255

Wire
- Conduit....187
- Crimper....188
- Cutter....107,188
- Electrical....184,185
- Primary....184
- Rigging- Stainless Steel....107
- Safety....139,184
- Singles....184
- Stainless Steel....107
- Strippers....188
- Tinned....184,185
- Vinyl Coated....107

Wire Rope....63
- Clips....63

Wood Bleach....321
Wood Care....321,322
- Finish....322

Wood Filler....317,320
Wood Flour....338
Wood Plugs....213
Wood Plugs- Bungs....354
Wood Stain....317,321
Worksuit....67
Wrench....248,250,363
Wristers....41

X

Xylene....332

Z

Zincs....230,231
Zipper Lubricant....59

Unprecedented Antifouling Protection & High-Performance Marine Products

BIOCOP TF®

Top Performing Dual-Biocide Antifouling

- Maximum protection available for fresh, brackish and saltwater
- Advanced PL3 technology
- Harder self-polishing boosted ablative antifoulant for longer life
- Multi-Season performance
- Lloyd's Registry certified

See Page 314

MONTEREY®

Water-Based Antifouling

- Harder ablative finish (last longer on high speed vessels)
- Compatible with most other ablative antifouling paints
- Solvent-free
- Environmentally safe – Low VOCs

See Page 314

See Page 314

TUFF STUFF® Low VOC

Highest Build Epoxy Primer

- Use over blistered fiberglass as a repair coat, and over unblistered fiberglass as a barrier coat
- Protects metals from corrosion
- All-in-one osmosis protection
- Reduced labor and less haul out time
- Low VOC (280 grams/liter)

Pump Kits available for easy measuring

Resin, Catalysts & Fillers

See Page 340

HAWK EPOXY® – an easy to use, low-viscosity, low blush, state-of-the-art epoxy system for constructing and repairing boats, homes, planes, surfboards, canoes, and many other substrates. The foundation of this system is our R1 Epoxy Resin which fulfills all of the different application needs with its *eleven-part catalyst and fairing options.* This all-encompassing cost-effective epoxy system is the go-to product for all of your epoxy projects.

Hand Crafted in *America!*℠

OVER 35 YEARS

NEW NAUTICAL COATINGS, INC.
Clearwater, Florida
800.528.0997 U.S.A. Only • 727.523.8053 Int'l
Email: ContactUs@SeaHawkPaints.com
www.SeaHawkPaints.com

Sea Hawk®
PREMIUM YACHT FINISHES

Electronics
Navigation
Commercial Fishing
Safety
Sailing
Rope & Mooring
Anchoring
Hardware
Lighting
Electrical
Pumps & Plumbing
Fuel
Anodes
Engine & Steering
Hatches & Composites
Docks & Rubrail
Winterization
Lubricants & Outboards
Dinghies & Inflatables
Trailering
Galley
Heaters
Paint & Caulking
Epoxy & Fiberglass
Cleaners
Fasteners
Gifts & Books
Index

HAMILTON MARINE
155 East Main St
Searsport, ME 04974

PRSRT STD
US POSTAGE
PAID
HAMILTON
MARINE

SEE AND BE SEEN. HEAR AND BE HEARD.

Standard Horizon Quantum Series VHF Radios

Standard Horizon is proud to offer a breakthrough in marine communications: the first VHF radio with a built-in Class B AIS transponder! The **Quantum GX6500** combines Class B AIS and VHF transmissions into one device, allowing AIS transmissions to be received by other vessels. The GX6500 is NMEA 2000 and NMEA 0183 compatible, with a dual zone 25W PA/hailer and programmed fog signals. Other features include programmable CPA and TCPA collision avoidance alarms, integrated voice scramblers, and the capability to play back up to two minutes of RX receive audio. The GX6500 also allows the connection of wired or wireless second station microphones: two wired RAM4 or up to four wireless RAM4W remote access microphones, for complete operation of all VHF, AIS and DSC functions.

RAM4W Wireless Remote Access

Our **GX6000** is an AIS-receive-only version of the GX6500. Both models give you a high performance, feature-rich base for reliable communications wherever you are.

STANDARD HORIZON

Nothing Takes to Water Like Standard Horizon

www.standardhorizon.com 800.366.8431