



EVERY PART MATTERS

RS PRO is our own brand that gives you every part you need across all industries at the quality and price you expect.

Welcome to our RS PRO catalogue



We are proud to bring you 500 pages of fantastic products and information to showcase our high quality and affordable RS PRO range.

Since the inception of RS Components in 1937, we've prided ourselves on providing our customers with the widest range of quality own branded products combined with delivering exceptional same day and 24-hour service with a smile.

Today, we remain just as committed to providing the same outstanding service. RS PRO offers all the latest technologies at affordable prices and we're continuing to widen our product categories to offer you even more choice of premium products. We now have over 50,000 products across 5 categories; electrical; test & measurement; tools & safety, automation & controls and electronics.

With over 20 million RS PRO products used by our customers each year, backed up with the RS PRO Seal of Approval, 4 out of 5 of our customers tell us that they'd recommend RS PRO to a friend, so it's no surprise that our products are trusted by engineers across the world.

There are so many reasons to choose RS PRO, so we do hope you enjoy browsing our catalogue and discovering more about this exciting range.

Mike England
Managing Director

P.S. Why not take a look at page 8 and discover how one of our Global customers Tata Steel reduced their costs by switching to RS PRO!



Every part matters

CHOOSE YOUR ORDER METHOD

ONLINE - Make purchasing swift and hassle free by using our improved website uk.rs-online.com

EMAIL - rsorders@rs-components.com

BRANCH - uk.rs-online.com/rslocal

PHONE - Order 24/7/365 on 08457 201 201

CHOOSE YOUR DELIVERY OPTION

Get your order exactly when you need it, every time, thanks to our range of delivery options and timings, you can also track your order online from depot to delivery.

NEXT DAY DELIVERY

- Free next day delivery when you place your order online before 8:30pm Mon-Fri & 4pm on Saturday
- Orders are delivered between 7am-5:30pm

TIMED DELIVERY

- Place your order before 8:30pm Mon-Fri or 4pm on Saturday and have it delivered at a time to suit you for a small delivery charge
- Pre-9am or Pre-10am options (Mon-Fri)

SAME DAY DELIVERY

- Low cost service available 24/7 for orders you need in a hurry
- One charge applies, regardless of order size
- To book call our Customer Service Team on 08457 201 201

COLLECTION

- Click and collect - allowing products in stock to be collected from an RS Local within 15 minutes
- Call and collect - phone & collect from your RS Local
- Visit - buy over the counter or place orders in store for collection or delivery
- To see our RS Local locations see page 519

TERMS & CONDITIONS

Prices correct at time of going to print, prices exclude VAT, please see RS Online for current pricing and stock availability. To view our latest prices, charges and full terms see RS Conditions of Sale as set out at uk.rs-online.com.

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Get exactly what you need. Exactly when you need it.

At RS, you can depend on excellent value, top-quality service and expert support at every stage of your buying process.



Find it fast, order it easily

- Find and order products in seconds; confirm availability with our instant stock check
- Browse on your mobile – anytime, anywhere
- Drop into your RS Local and pick up the products you need
- Order by phone 24/7 on 08457 201 201



Get it when you need it

- Next day delivery: Order anytime up to 8.30pm* and get your order the following day
- Timed delivery: Book a delivery at a time that suits you, for one fixed cost
- Same day delivery: For orders you need in a hurry
- Collection: From an RS Local branch, including Click & Collect
- Consolidated delivery: Multiple orders can be packaged and delivered together



Ask the experts

- Live chat for online help with finding products and technical information
- Call 08457 201 201 to speak to a qualified engineer
- Visit RS Local to view products and try before you buy



Discover how we can help make your job easier.
Visit uk.rs-online.com/services to find out more.

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A legacy of a strong brand and quality products.

Since 1937, RS has been selling products using its own label.

Our own brand RS PRO is an extension of our roots and legacy as a company. The first product catalogue up to 1980 only sold RS branded parts.



With quality tested by our engineers

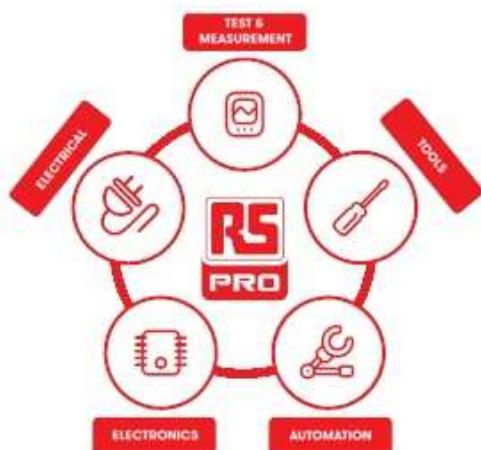
Our team of in-house engineers work with independent organisations to confirm compliance and ensure the right levels of quality.

And we keep on standing behind our products.

Today the RS PRO range comes backed by the RS PRO Seal of Approval meaning that all products have been tested to the relevant standards.

Choice

We continuously expand our range to cover your every need.



Quality

We rigorously test every part against demanding industry standards to gain the RS PRO Seal of Approval.

Value

We price our products competitively, by negotiating the best conditions with our suppliers.



How TATA Steel reduced costs with RS PRO



THE CHALLENGE.

Given the volume of MRO products Tata Steel orders each year, the RS procurement team was challenged to find a solution to reduce the total cost of products purchased using RS PRO items while still maintaining the safety and quality of those products



THE SOLUTION.

Tata have been impressed by the quality and variety of products in the RS PRO range, and it has worked with RS to identify ongoing MRO purchases that could be substituted for RS PRO products.



THE OUTCOME.

£30,000

£30,000 savings by consolidating items to RS PRO products.

£13,000

future potential savings if more RS PRO items are used in future.



The benefits over the last year of switching from branded items to RS PRO has been that we have maintained the quality of the products but vastly reduced the cost.



Our RS Local team came up with a kitting service. They place the multimeter and fused leads into the same box and then deliver it to us on demand, which keeps us compliant - and the combined kit also gives us a cost saving of around £90 per kit.



**Rob Choat,
Electrical Engineer, Tata Steel**



RS PRO, trusted by professionals around the world

RS PRO is a global brand synonymous with choice, quality and value that covers your needs. With our unbeatable range of over 50,000 products we combine choice and quality at a fair price to give you a value option across a wide variety of product ranges. We believe that every part matters, because the quality of your applications will be linked to the quality of every part that goes into them. Always.



Kurt Colehower
President RS PRO



CHOICE QUALITY VALUE

We use a number of RS PRO products from sensors to panel isolators. All our engineers are impressed with the quality and standard of the product. Great Value for money.



Rebecca,
Purchasing at Agrimech





WHEN MAINTENANCE MATTERS

Fuelling your maintenance programmes.

RS PRO supports your planned and emergency maintenance needs with a global range of over 50,000 industrial quality products at competitive prices. Offering an unrivalled MRO solution, reducing both indirect and direct procurement costs.



AUTOMATION & CONTROL



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RS PRO is the only global brand that gives you every part you need across five industry categories at the quality and price you expect.

MS32 SERIES - AUXILIARY SWITCHES

- Auxiliary switches available with either 1 or 2 make/break contacts



121-6864 HS 20 - 2 NO Contacts

£4.47

MS32 SERIES - ACCESSORIES

- IP41 and 55 rated enclosures, emergency stop push-buttons, padlocks, shunts and under voltage release.



121-6860 HO-55 IP55

£5.93

121-6859 HO-41 IP41

£5.38

MOTOR PROTECTION SWITCHES - MS32 VERSIONS

- Professional range of motor protection switches suitable for 3 phase motors up to 32A
- The switches incorporate an automatic switch-off at current and thermal and magnetic releases
- 35 mm DIN Rail, can be mounted in either vertical or horizontal



121-6858 25-32A

£35.25

121-6857 20-27A

£30.23

121-6856 17-23A

£27.23

121-6855 13-18A

£24.32

121-6854 9-14A

£22.40

121-6853 6.3-10A

£22.40

121-6852 4-6.3A

£19.58

121-6851 2.5-4A

£19.58

121-6850 1.6-2.5A

£19.58

121-6849 1-1.6A

£19.58

121-6848 0.63-1A

£19.58

121-6847 0.4-0.63A

£19.58

121-6846 0.25-0.4A

£19.58

121-6845 0.16-0.25A

£19.58

MOTOR PROTECTION SWITCHES - XL-2000-01

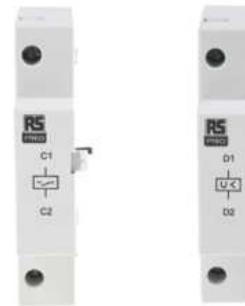
- Motor protection switch used to protect AC motors from overload conditions
- Lockable in 'OFF' position
- Uses the same accessories as the MS32 Motor Protection Switches
- Short circuit protection, therefore, no back-up fuse protection is required where the prospective fault level is less than the breaking capacity of the unit
- Maximum switching frequency 40 operations/hour
- Ambient temperature (min/max) -25 to +55°C (open) and up to +40°C (closed)



331-3668	Motor protection switch, 10-16A FLC range	£31.25
331-3652	Motor protection switch, 6-10A FLC range	£31.25
331-3630	Motor protection switch, 2.4-4A FLC range	£26.02
331-3646	Motor protection switch, 4-6A FLC range	£26.02
331-3624	Motor protection switch, 1.6-2.4A FLC range	£26.02
331-3618	Motor protection switch, 1-1.6A FLC range	£26.02
331-3595	Motor protection switch, 0.6-1A FLC range	£25.43
331-3674	Motor protection switch, 16-20A FLC range	£33.56

MS32 SERIES - AUXILIARY CONTACT BLOCKS

- Professional range of MS32 series auxiliary contact blocks
- The auxiliary contact blocks are available with either make or break contacts
- Available in horizontal or vertical fitment



121-6871 AR240 - Shunt release £9.38

121-6869 UR240 - Under voltage release £9.38

MS32 SERIES - CONNECTION BLOCK

- Professional range of M32 series connection blocks
- The blocks are designed to join a motor protection switch with a connector forming a single unit starter



121-6873 MK07 - Connection block £2.13

DIN RAIL MOUNT OPTOCOUPLES

- RS Pro Optocouplers are a newly evolved product deriving from optical isolator, solid state relay and rail mount terminal blocks
- These modules use optical coupling isolation to prevent damage to PLC and control inputs from voltage spikes or overloads
- 8.1mm wide, colour & number coding for wiring identification, LED status indicator



905-4277	100mA 5-30Vdc	£18.63
905-4306	10A 5-30Vdc	£34.06
905-4295	10A 5-30Vdc	£32.29
905-4283	6A 5-30Vdc	£26.23
905-4289	500mA 100-240Vac	£21.13

LMMT - MULTIFUNCTION TIMERS

- Multifunction timer LMMT in a 175mm DIN rail housing with 7 selectable functions and 7 time ranges.
- Fine adjustment of selected time range.
- LED indication of supply and relay status.
- Multi-voltage supply input (12 – 230Vac/dc)



102-6122 SPDT	£23.74
102-6123 DPDT	£26.51

LEDO - SINGLE FUNCTION TIMERS

- Choice of On-delay or Off-delay timers with either a single or double pole output
- 7 selectable time ranges and fine adjustment of timing period
- Multi-voltage supply input (12-230Vac/dc)
- LED indication of supply & relay status



102-6124 Delay on timer 1 x SPDT	£21.72
102-6128 Delay off timer switch initiated	£23.48
102-6125 Delay on timer 1 x DPDT	£24.74

LART - ASYMMETRICAL RECYCLE TIMER

- Asymmetrical Recycling, Multi-voltage timer in a 175mm DIN rail housing.
- Recycling ON/OFF function with 7 selectable time ranges & fine adjustment
- Separate adjustments for ON and OFF ranges
- Multi-voltage input (12-230Vac/dc)
- 1x SPDT relay output with LED indication



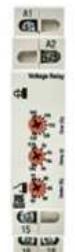
102-6127	£25.50
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L SERIES BATTERY VOLTAGE ALARM

- Adjustable battery under-voltage alarm monitoring relay for 9–28Vdc - ideal for 12v or 24v battery systems
- Adjustment for Time delay (from an Under voltage condition)
- 1 x SPDT relay output 8A with LED indication

**L SERIES AC UNDER/OVER VOLTAGE RELAY**

- True R.M.S. monitoring of own supply and detects if the single phase supply exceeds the set Under or Over voltage trip levels
- Adjustment for Under voltage and Over voltage trip level
- Adjustment for Time delay (from an Under or Over voltage condition)
- 1 x SPDT relay output 8A with LED indication for supply status



102-6131 1 Ph Under & Over Volt + Time Del Relay	£36.61
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L SERIES RMS VOLTAGE OR CURRENT MONITORING

- Choose from True R.M.S. voltage monitoring or current monitoring of supply
- Voltage 20–500Vac/dc (7 ranges) or Current 0.2–10A (3 ranges)
- Under or Over Voltage monitoring with hysteresis or latch option
- Adjustable trip level and time delay
- Isolated Auxiliary Supply (24 – 230Vac/dc)
- 1 x SPDT relay output 8A with 3 colour LED indication



102-6133 Voltage	£58.58
102-6134 Current	£58.58

LX SERIES PHASE FAILURE

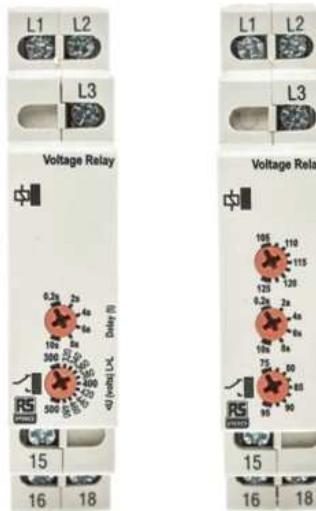
- Basic phase failure relay which monitors own supply and detects an Under voltage condition on one or more phases
- Measures phase to phase voltages and detects incorrect phase sequence and phase loss
- Fixed Under voltage trip level and time delay
- 1 x SPDT relay output 8A with LED indication



102-6135	£34.34
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LX SERIES THREE PHASE MONITORING RELAYS

- Adjustable under or over/over voltage monitoring relays with true RMS measurement
- Measures phase to phase voltages and detects incorrect phase sequence and phase loss
- Adjustment for voltage trip level & time delay
- 1 x SPDT relay output 8A & LED indication



102-6136 Under voltage	£36.86
102-6137 Under and over voltage	£47.98

SIGNAL ISOLATION & CONDITIONING

SIGNAL ISOLATOR - 4-20MA CURRENT LOOP

- Single channel current loop (4-20mA) isolator
- 24Vdc powered



629-500 £176.52

TRIP AMPLIFIERS

- Single or dual level trip amplifiers from a single input (4-20mA)
- Each trip can be arranged so that the alarm relay condition can be above (high trip) or below (low trip) the set point
- Input and output stages are powered separately to provide 3 port isolation
- Dual supply voltage operation with LED indication of power status



218-4447 1 level £156.67
218-4453 2 level £179.73

SIGNAL ISOLATOR/CONVERTER

- A 4 to 20mA signal isolator that requires no external power supply to operate
- The power for the isolator is derived from the input loop and can power a second isolated 4 to 20mA loop
- This allows two non-isolated inputs (e.g. an RTU input and a local indicator input) to monitor the same 4 to 20mA loop



218-4469 £170.02

DUAL OUTPUT ISOLATING SIGNAL CONVERTER

- 24Vdc supply
- Converts single current input to 2 independently isolated current outputs
- Fully isolated – Input/Supply/Output
- Red LED power ON indicator



466-2264 24V £155.42
466-2343 115V £115.12
466-2393 115/230V £155.00

GEN1700 UNIVERSAL SIGNAL CONDITIONER

- Microprocessor controller DIN rail mounted universal signal conditioner, suitable for most common process and temperature sensor inputs.
- Software programmable current or voltage output signal plus dual trip relays with a programmable delay function
- Supports all common process signals include V/I and Temperature
- USB interface for programming via free software



MICROCOMPACT ANALOGUE CONVERTERS

- DIN rail mounting compact analogue/analogue converters for industrial applications
- 3-way isolation, 24-240Vac/dc universal power input
- LED indicator
- Screw terminals



794-8518 0/4-20mA / 0-10V Converter £112.52
794-8558 4-20mA/4-20mA Converter £88.26
794-8527 Universal Signal Conditioner - 16 ranges £164.96

6.2MM WIDE SIGNAL SPLITTER

- Slim line (6.2mm) Analogue (0-10 / 0/4-20mA) signal splitter - one in, two out
- 4-way isolation - power to input and outputs
- LED indicator
- Screw terminals



794-8574 £162.86

3 PORT ISOLATING SIGNAL CONVERTER

- 24Vdc supply
- Fully isolated – Input/Supply/Output
- Signals conditioned before being fed through opto-isolating circuit
- Red LED power ON indicator
- 4-20mA/0-10V



466-2258 £115.12

MTR8C BI-DIRECTIONAL GEARED SYNCHRONOUS MOTORS

- Reversible synchronous motors are permanent magnet type with two stator windings for single phase.
- Constant rotation speed as a function of the power supply frequency.
- Direction of rotation controlled by a phase shifting capacitor.
- Permanent magnet rotor.



918-0824	10.4rpm 32W	£45.11
918-0833	20.8rpm 32W	£45.11
918-0821	31.2rpm 32W	£45.11
918-0815	41.6rpm 32W	£45.11
918-0830	62.4rpm 32W	£45.11
918-0827	3.5rpm 9.5W	£45.11

MTR4B HIGH TEMPERATURE GEARED SYNCHRONOUS MOTORS

- RS Pro MT4b series reversible synchronous motors are permanent magnet type with two stator windings for single phase.
- Constant rotation speed as a function of the power supply frequency.
- Direction of rotation controlled by a phase shifting capacitor.
- Not suitable for speed control.
- 230Vac 1.0rpm 50Hz high temp rating.

**MTR3B GEARED BI-DIRECTIONAL SYNCHRONOUS MOTORS**

- Geared motors with low power synchronous bi-directional motors, ideal for modelling or other low torque applications.
- Choice of output speeds available.
- Not suitable for speed control.
- 230Vac



918-0723	375rpm 9.5W	£34.94
918-0726	250rpm 3.1W	£20.93
918-0714	250rpm 5.8W	£22.54

MTO UNI-DIRECTIONAL GEARED SYNCHRONOUS MOTORS

- Unidirectional synchronous motors with a cylindrical stator and a un-gearred speed rating of 3/75 RPM.
- Motors for use in office equipment, advertising devices and medical instruments.
- Sintered bearings, lubricated for life.
- 200 mm 26AWG motor leads.
- 230Vac 1.0rpm.

**MTR4B GEARED SYNCHRONOUS MOTORS**

- Reversible synchronous motors are permanent magnet type with two stator windings for single phase.
- Constant rotation speed as a function of the power supply frequency.
- Direction of rotation controlled by a phase shifting capacitor.
- Not suitable for speed control.
- 230Vac

**MTR3B GEARED BI-DIRECTIONAL SYNCHRONOUS MOTORS**

- Geared motors with low power synchronous bi-directional motors, ideal for modelling or other low torque applications.
- Choice of output speeds available.
- Not suitable for speed control.
- 230Vac



918-0782	10rpm 1.4W	£15.03
918-0786	2.08rpm 1.4W	£16.54
918-0795	5rpm 1.4W	£16.54
918-0792	10rpm 1.4W	£16.54

24VDC GEARED MOTOR 38MM

- 24Vdc brushed 38mm motor mated to a spur gearbox with 6mm output shaft
- Torque outputs from 70mNm to 600mNm dependant on ratio
- Ideal for pumps, small machines or other low load motor drive tasks



901-3305	70 mNm 260rpm	£68.66
901-3314	100 mNm 155rpm	£66.66
901-3317	200 mNm 80rpm	£71.32
901-3311	300 mNm 47rpm	£74.07
901-3320	600 mNm 23rpm	£75.94
901-3327	600 mNm 5rpm	£80.04
901-3323	600 mNm 9rpm	£80.04

16MM EPICYCLIC GEARED MOTOR

- Designed for use within industrial applications where robust construction is key
- Premium materials boasting high quality construction for use within heavy duty environments
- 16mm epicyclic geared motor (LN means Low Noise motor fitted)
- 12V nominal supply, but suitable for 3.0-12.0V operation - final output speed dependant on supply voltage
- Operating temperature: -10°C to +60°C



12VDC GEARED MOTOR 38MM

- 12Vdc brushed 38mm motor mated to a spur gearbox with 6mm output shaft
- Torque outputs from 70mNm to 600mNm dependant on ratio
- Ideal for pumps, small machines or other low load motor drive tasks



901-3288	70 mNm 260rpm	£71.31
901-3282	100 mNm 155rpm	£69.23
901-3291	200 mNm 80rpm	£74.06
901-3294	300 mNm 47rpm	£74.06
901-3298	600 mNm 23rpm	£75.94
901-3301	600 mNm 5rpm	£80.04
901-3308	600 mNm 9rpm	£80.04

12MM SUBMINIATURE GEARED DC MOTORS

- Designed for use within industrial applications where robust construction is key
- 12mm sub miniature spur geared motors
- 12v DC nominal supply, final output speed is dependant on supply voltage
- Bronze output bearings
- Operating temperature: -10°C to +60°C



BRUSHED DC MODEL MOTORS

- A range of standard brushed DC motors designed to be used in general motorised tasks or with MFA Como gearboxes
- Choice of supply voltage ranges, and nominal output speeds
- Suitable for speed control via PWM or speed regulator RS 417-9728



238-9692	8200rpm 1.5-3V 21mm dia.	£1.60
238-9709	4600rpm 1.5-3V 23.8mm dia.	£2.00
238-9715	10668rpm 6-15V 27.6mm dia.	£4.48
238-9721	26000rpm 3-72V 27.6mm dia.	£4.55
238-9737	12600rpm 6-15V 27.6mm dia.	£5.14
238-9759	15800rpm 4.5-15V 35.8mm dia.	£7.11
321-3186	5167rpm 12V 51.8mm dia.	£25.14
321-3192	9779rpm 12V 51.8mm dia.	£25.14
834-7679	Low Noise, 6000rpm 6-15V 37mm dia.	£7.19

35MM SPUR GEARED MOTORS

- Robust, high quality metal gearbox mated with a five pole high torque DC motor
- Sintered bronze bearings for long life and high torque transfer
- LN = Low Noise motor fitted
- 12v DC nominal voltage, but suitable for 4.5-15V (final output speed is supply voltage dependant)



834-7622	100:1 ratio Low noise	£34.02
834-7650	212:1 ratio	£42.55
834-7672	27:1 ratio	£27.71
834-7663	27:1 ratio	£25.82
834-7619	45:1 ratio	£20.84
834-7641	49:1 ratio	£39.88
834-7613	5:1 ratio, Low noise	£23.11
834-7669	51:1 ratio	£25.82
834-7625	516:1 ratio, Low noise	£34.02
834-7653	6:1 ratio, Low noise	£24.36
834-7629	6:1 ratio, Low noise	£18.72
834-7596	30:1 ratio, Low noise	£20.40
834-7657	47:1 ratio, Low noise	£24.36
834-7638	50:1 ratio, Low noise	£18.72
834-7590	50:1 ratio, Low noise	£20.40
834-7600	100:1 ratio, Low noise	£20.40
834-7631	100:1 ratio, Low noise	£18.72
834-7666	2812:1 ratio, Low noise	£29.73

35MM SPUR GEARED MOTORS

- Designed for industrial and serious model applications this robust unit boasts a powerful high quality, five pole motor with sintered bronze bearings
- The metal gearbox incorporates sleeved bearings, enabling the high torque transfer from the motor to be transmitted through the gearbox
- The unit is mounted on a 1mm thick plated steel bracket
- DC motor has 12v nominal supply (suitable for 4.5-15v - final speed is voltage dependant)



454-0861	3000:1 ratio	£25.36
454-0833	50:1 ratio	£19.15
420-596	100:1 ratio	£18.17
454-0849	148:1 ratio	£19.15

LOW VOLTAGE 12/24V SPEED CONTROLLER

- A cost effective low voltage DC motor speed controller suitable for use with permanent magnet dc. motors up to 12A.
- Metal cased version is protected to IP22.
- Adjustable maximum and minimum speeds, IR compensation and adjustable overload.
- Requires a smoothed 12/24V DC supply (linear power supply recommended) or lead acid battery.



440-492	Boxed DC motor speed controller, 12/24V	£168.89
425-5232	360W 2.7A, 110/230Vac	£228.00
244-2917	260W 1.3A, 110/230Vac	£200.56

4-QUADRANT DC SPEED CONTROLLER

- This module is a 4-quadrant, linear output driver which is suitable for driving small dc. motors and gear motors up to 60 watts.
- Only single polarity voltage supply is required to achieve bi-directional motor speed control.
- Employs armature feedback technique to maintain speed regulation.
- Adjustable current limit facility.
- Short circuit protection.
- Speed control by external or internal potentiometer, or dc. control voltage.
- Inbuilt thermal protection.



313-2122 DC servo motor controller, 10-38V 2A

£114.15

2600 REVERSIBLE MOTOR CONTROLLER

- Microprocessor powered controller for permanent magnet, shunt wound, flat style and general purpose dc. motors.
- Requires smoothed DC or battery supply to operate.
- Forward and reverse direction control.
- Settable presets for high or low speed, overcurrent, acceleration or deceleration.
- Fault indication via flashing LED for overcurrent, current tripped, low supply voltage, over temperature.
- Protected against short circuit to output and polarity misconnection.



363-9617	12Vdc 30A	£188.98
363-9623	24Vdc 30A	£188.98
363-9601	24Vdc 15A	£145.23
363-9594	12Vdc 15A	£165.70

CHASSIS MOUNT LOW POWER SPEED CONTROLLER

- Cost-effective dc motor speed controllers suitable for use with shunt and permanent dc motors, such as the Parvalux range.
- Built-in EMC and Harmonic Filters can enable a complete drive to conform with the statutory EMC and Harmonics directives.
- Improved commutation with considerably increased brush life and smoother, quieter running.
- Adjustable maximum and minimum speeds.
- Adjustable current limit and adjustable IR compensation.
- Separate control potentiometer supplied.



425-5210 360W

£168.89

425-5248 750W 0-4A

£282.89

PANEL MOUNT LOW POWER SPEED CONTROLLER

- Cost-effective dc motor speed controllers suitable for use with shunt and permanent dc motors, such as the Parvalux range.
- Built-in EMC and Harmonic Filters can enable a complete drive to conform with the statutory EMC and Harmonics directives.
- Improved commutation with considerably increased brush life and smoother, quieter running.
- Adjustable maximum and minimum speeds.
- Adjustable current limit and adjustable IR compensation.
- Panel mount version has potential mounted on front panel.



425-5254 Enclosed DC motor controller, 750W 0-4A **£329.33**

MOTOR SPEED REGULATOR, PANEL MOUNTING

- A speed controller using Pulse Width Modulation to control motors up to 3A.
- Proportional output control via pulse width ensures torque is maintained as speed is adjusted.
- The unit is supplied with insulating washers and is easy to install with inputs and outputs clearly indicated.
- Maximum current 3A continuous, 5A peak.
- Small, compact panel mounting unit with external control knob.
- Operates from input of 6 to 15V.



417-9728 Panel mount motor speed regulator, 6-15V **£15.50**

VARIABLE SPEED REGULATOR - 12A

- A bi-directional motor speed regulator that can deliver a current of up to 12A when supplied by a voltage in the range 9V to 15Vdc.
- Uses pulse width modulation (PWM) to allow smooth, efficient bi-directional control of DC motors and other devices.
- The output is fully adjustable from 0-100% speed.
- An integrated Soft Start feature reduces In-Rush current on initial energisation.
- Simple Screw-in terminal blocks for supply and motor connections.
- Control knob and insulating washers included.



834-7584 12A DC motor controller, 9-15V dc

£56.23

BRUSHLESS DC MOTORS - 42MM

- Brushless DC Motors with hall effect sensors.
- Different voltage versions
- Hall effect sensors with 120° electrical angle
- Class B insulation

**BRUSHLESS DC MOTORS**

- Brushless DC Motors with hall effect sensors and 3 phase connections
- Requires a Brushless DC speed controller to operate - for example 773-6832
- Hall effect sensors with 120° electrical angle
- 8mm shaft diameter

**LOW PROFILE DC MOTORS**

- Powerful, low profile motors offering many benefits when compared to a conventional permanent magnet dc motor.
- Low profile construction requires less space than a conventional motor
- High power to weight ratio with very smooth running at slow speeds
- Fast acceleration from rest under full load conditions
- Low inductance and low brush sparking



536-6024	42mm Motor 0.062Nm/4000rpm	£53.24
536-6030	42mm Motor 0.25Nm/4000rpm	£72.11

ROPE PULL SWITCH CABLE KITS

- Ready to use rope pull kits supplied with all the fittings and in handy lengths to match any application
- Stainless steel grade 316 and the cable is multi-strand galvanised steel covered with PVC
- Two thimbles, collar clamps and "D" shackles are provided for securing each end of the grab wire to the safety switch
- Stainless steel tensioner provided for switches that do not have this feature built-in
- Sufficient M6 eyebolts with locking nuts are provided to support the wire at approximately 2 to 3m intervals



102-3515	12v, 156W	£126.08
102-3513	12v, 250W	£138.76
102-3507	12v, 80W	£86.52
102-3509	12v, 94W	£90.88
102-3514	24v, 250W	£127.78
102-3510	24v, 94W	£83.70

40 & 54MM DIAMETER IRON CORE MOTORS

- Low inductance which enables these motors to emit low levels of RFI emissions, while giving the motor brushes a long service life
- Due to the skewed lamination stack construction of the motor, these motors have low cogging & good high speed control
- The all metal construction of the motor housing provides a good thermal dissipation & RFI screening
- Stock nos. 237-796, 237-819, 237-847 & 237869 have counter-clockwise rotation



239-6757	RS rope kit 1 for safety switches,5m	£42.10
239-6763	RS rope kit 2 for safety switches,10m	£46.54
239-6779	RS rope kit 3 for safety switches,15m	£58.23
239-6785	RS rope kit 4 for safety switches,20m	£60.89
239-6791	RS rope kit 5 for safety switches,30m	£108.12
239-6814	RS rope kit 6 for safety switches,50m	£119.68
239-6820	RS rope kit 7 for safety switches,75m	£195.61

METAL ENCLOSED DOL STARTERS - SINGLE PHASE

- A range of enclosed Direct-On-Line motor starters in steel IP55 enclosures
- Complete and ready to use with thermal overload fitted for quick easy installing
- Compliant with standards: BSEN60947-Pt4-Sec 1, BSEN60529-1992, IEC947-4-1



909-4085	0.75kW 5.5-8A - 240Vac	£77.04
909-4089	1.1kW 7-10A - 240Vac	£77.04
909-4098	1.5kW 10-13A - 240Vac	£77.04
909-4091	2.2kW 13-18A - 240Vac	£77.04

ENCLOSED DIRECT-ON-LINE MOTOR STARTERS

- A range of enclosed Direct-On-Line motor starters which combine high performance and low cost.
- Options with and without isolator and support for motors from 5.5 kW to 11 kW.
- Moulded plastic case providing IP65 ingress protection
- Compliant with standards IEC/EN 60947-1 and IEC/EN60947-4-1
- RF38 Overloads must be ordered separately to match motor current - See RS 685-1328



725-5503	5.5kW 230VAC Coil	£28.94
725-5516	7.5kW 230VAC Coil	£33.11
725-5507	5.5kW 400VAC Coil	£28.94
725-5525	5.5kW 230VAC Coil + Isolator	£78.24
725-5529	5.5kW 400VAC Coil + Isolator	£78.24

METAL ENCLOSED DOL STARTERS - THREE PHASE

- A range of enclosed Direct-On-Line motor starters in steel IP55 enclosures
- Complete and ready to use with thermal overload fitted for quick easy installing
- Compliant with standards: BSEN60947-Pt4-Sec 1, BSEN60529-1992, IEC947-4-1



909-4076	3.7kW 5.5-8A 415V 3-phase	£77.04
909-4079	4.5kW 7-10A 415V 3-phase	£77.04
909-4073	5.5kW 10-13A 415V 3-phase	£77.04
909-4082	7.5kW 13-18A 415V 3-phase	£77.04

ENCLOSED STAR-DELTA MOTOR STARTERS

- Plastic cased Star-Delta motor starters with and without isolator and suitable for motors from 11 kW to 30 kW
- Moulded plastic case providing IP65 ingress protection
- Compliant with standards IEC/EN 60947-1 and IEC/EN60947-4-1
- Starting time up to 12s and a maximum of 30 operations per hour
- RF38 Overloads must be ordered separately to match motor current - See RS 685-1328



725-5541	11kW 400V Coil	£176.36
725-5553	15kW 400V Coil	£183.64
725-5566	22kW 400V Coil	£215.64
725-5563	30kW 400V Coil	£285.45
725-5575	11kW 400V Coil + Isolator	£218.55
725-5588	15kW 400V Coil + Isolator	£227.27
725-5585	22kW 400V Coil + Isolator	£300.00
725-5597	30kW 400V Coil + Isolator	£409.09

TWO PHASE SOFT STARTERS

- Two-phase controlled DIN rail mounting soft starters suitable for motors rated up to 22kW
- Soft starters offer soft acceleration and deceleration and are controlled by microcontroller
- Three separately adjustable parameters, one for acceleration time, one for deceleration time and also one for the start voltage
- Compact design, 45 mm up to 32A and 52.5 mm at 45A
- Protection IP20



135-9715	1.5kW	£94.40
135-9716	3kW	£125.84
135-9717	5.5kW	£127.60
135-9721	7.5kW	£151.24
135-9718	11kW	£170.08
135-9719	18kW	£225.90
135-9720	22kW	£330.45

PROPORTIONAL POWER CONTROLLER

- RS Pro single phase power controllers are designed to control the load power in function of the input control for resistive and resistive-inductive loads, for automatic temperature control systems in electrothermal devices
- The power controller is a contactless power energy electronic device which includes a thyristor connector and electronic gate trigger system (GTS)
- This allows the change of power delivered from the AC voltage source to the electric energy load in the function of the analogue or pulse driving signal value.



902-8111	25A	£299.00
902-8120	40A	£299.00
902-8123	70A	£150.00

RS510 SINGLE PHASE INVERTERS WITH INTEGRAL FILTER

- These single phase inverter drives are suitable for a wide range of drive applications and come with a filter built-in
- Cost effective drive solution with wide range of programming capabilities and offering both V/F mode or Sensorless Vector operation
- Integral 5 digit operator panel and speed control potentiometer
- PID Process Control Loop
- 0-10VDC or 4-20mA Feedback & Control
- Built-in Modbus (RJ45 Interface)
- Digital Inputs



122-3410	0.4kW, 0.5HP	£99.82
122-3411	0.75kW, 1HP	£103.53
122-3413	1.5kW, 2HP	£150.92
122-3414	2.2kW, 3HP	£166.81

RSAC IP65 HYBRID INVERTER DRIVE

- Professional range of IP65 sealed inverters, the RSAC series is perfect in various applications including conveyors, HVAC and pumps
- Sensorless Flux Vector Control with Static Auto-Tune provides excellent speed regulation with high torque loads throughout the entire speed range
- Auto energy saving at light loads and smooth motor torque curve
- 115/230/460 VAC-1ph & 3ph Input
- Output 230/460 VAC-3ph for AC Induction Motors
- Starting Torque 200% and Diagnostic LED Status Indicators
- Easy to Install and Simple to Operate - Up and running in less than 10 minutes



136-3107	0.75 kW 3.6A 115/230V 1 phase input	£275.46
136-3108	0.75 kW, 3.6A 115/230V 1 phase input	£289.26
136-3109	1.5 kW, 6.7A 115/230V 1 phase input	£413.97
136-3110	2.25 kW, 9 Amp 230 1 & 3 phase input	£428.81
136-3111	2.25 kW, 5.5 Amp 400-460Vac 3 phase input	£397.41

RSMA INVERTER DRIVE

- Inverters can be used in various applications including conveyors, HVAC and pumps
- Hybrid inverters offer a choice of single or three phase input - 3 phase output
- 115/230 V ac - 1 ph input (Digital)
- Starting torque 200%
- Digital display with LED status indicators with IP50 protection
- Class A (CE) RFI filter



136-3112	0.75 kW Digital Drive 3.6 Amp	£229.00
136-3113	0.75 kW Hybrid Drive 3.6 Amp	£184.85

RSDA IP65 DIGITAL INVERTER DRIVE - BLACK

- Digital controlled IP65 sealed inverter drives; the RSDA series inverters feature common sense programming (CSP) to organise parameters into easy to understand intuitive groups
- Programmable 4-Digit display
- Status indicator LEDs
- Integral Multi function keypad
- Main speed potentiometer
- Starting torque: 200%



136-3114	0.75 kW Digital Drive IP65 3.6 Amp	£306.51
136-3115	0.75 kW Digital Drive IP65 3.6 Amp	£320.31
136-3117	1.5 kW Digital Drive IP65 6.7 Amp	£431.22
136-3118	1.5 kW Digital Drive IP65 6.7 Amp	£445.01
136-3119	0.75 kW Digital Drive IP65 3.6 Amp	£325.21
136-3121	2.25kW Digital Drive IP65 9 Amp	£478.41
136-3123	0.75 kW Digital Drive IP65 2.0 Amp	£367.79
136-3125	2.25 kW Hybrid Drive IP65 5 Amp	£481.86

RSDA IP65 DIGITAL INVERTER DRIVE - WHITE

- Digital controlled IP65 sealed metal cased inverter drives in an FDA approved white finish - ideal for food, drink or pharmaceutical manufacturing environments
- Programmable 4-Digit display with clear, simple programming (CSP)
- Status indicator LEDs
- Integral Multi function keypad
- Main speed potentiometer
- Starting torque: 200%



136-3120	0.75kW Digital Drive IP65 3.6 Amp	£335.56
136-3124	0.75 kW Digital Drive IP65 2.0 Amp	£378.14

INVERTER ACCESSORIES

- Switches for the RSMA, RSAC and RSDA series inverters
- Switches can be wiring directly into the drive and mounted internally
- Provide additional local control as required



136-3126	RSMA Forward/Stop/Reverse Switch Kit	£21.75
136-3127	RSMK On/Off AC Line Switch Kit	£20.16
136-3128	RSAC Signal Isolator	£50.17
136-3129	RSAC Signal Isolator with Switch Kit	£70.82
136-3130	RSAC Forward/Stop/Reverse Switch Kit	£21.07
136-3131	RSAC Auto/Manual Switch Kit	£21.07
136-3132	RSAC/DA-24D Power On/Off Switch Kit	£20.16
136-3133	RSAC/DA-27D Power On/Off Switch Kit	£33.46
136-3134	RSAC/DA 3 Phase Power On/Off Switch Kit	£42.79
136-3136	Input/Output Module for RSDA	£99.82
136-3137	RSDA 3 phase Power On/Off Switch Kit	£33.27

RS PRO DRIVES LIQUID TIGHT FITTINGS KIT

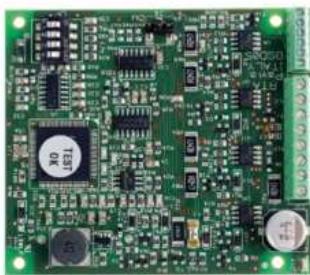
- The fittings are designed to provide a liquid tight seal when using cables to wire the RS Pro inverter drives
- These fittings are suitable for all NEMA 4X drives
- The fittings kits are supplied with 2 sizes of gland, 1/2" (3) and 3/4" (1)



136-3135	RSAC/DA LiquidTight Fittings	£28.63
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MICROSTEP STEPPING MOTOR DRIVES

- Compact microstep drive board for effective control of bi-polar (6 or 8-wire) stepper motors
- Open frame drive size: 78 x 68 x 21 mm with screw terminals
- Operating voltage range: 24-48 VDC at 0.7-2.6 Amp
- Microstepping: Set 400, 800, 1600, 3200 steps/revolution set via dip-switch
- Management of the current profile setting by means of a dip-switch & automatic current reduction at motor standstill
- Protection against under-voltage and over-voltage and short-circuit of motor circuits



905-8786	0.7A per phase	£78.87
905-8780	2.6A per phase	£131.49

STEPPER MOTORS WITH/WITHOUT REAR SHAFT EXTENSIONS

- Stepper Motors with 6- or 8-lead configuration
- The windings can be connected in series or parallel for different drive requirements (8-lead version)
- A number of the motors are supplied with 0.1in. connector fitted to the flying lead or supplied with leads
- Recommended suitable header is stock no. 479-181



440-420	Without rear shaft, 5V 70mNm	£24.97
440-436	With rear shaft, 12V 70mNm	£27.57
440-442	Without rear shaft, 5.1V 500mNm	£34.98
440-458	With rear shaft, 12V 500mNm	£44.73
440-464	With rear shaft, 3V 1200mNm	£79.57
440-470	Without rear shaft, 2.5V 2200mNm	£81.25
191-8340	Without rear shaft, 12V 494mNm	£39.05
191-8356	Without rear shaft, 12V 494mNm	£35.14
191-8378	Without rear shaft, 3V 1200mNm	£62.42
191-8384	Without rear shaft, 6V 1200mNm	£60.79

HIGH TORQUE HYBRID STEPPER MOTOR

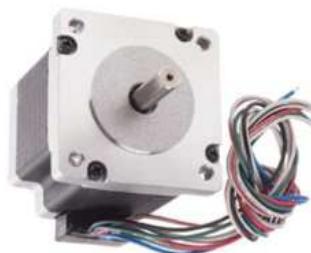
- High Torque Hybrid Stepper Motors are motion systems allowing to have a high positioning precision
- 200 steps per revolution
- With their high power already at low speed, their stall torque and the possibility to divide the steps in micro steps, stepper motors can provide direct and precise motions in a small volume
- High torque stepper motors using hybrid design and permanent magnets.



535-0344	28mm stepper motor, 6Nm 1.8deg, 3.8V	£31.09
535-0366	28mm stepper motor, 12Nm, 1.8deg, 6.2V	£71.56
535-0401	42mm stepper motor, 44Nm 0.9deg, 2.8V	£27.17
535-0445	57mm stepper motor, 189Nm 1.8deg, 3.2V	£47.61
535-0489	42mm stepper motor, 44Nm 1.8deg, 2.8V	£20.81

HIGH TORQUE HYBRID STEPPER MOTOR - UNI-POLAR

- High Torque Hybrid Stepper Motors are motion systems allowing to have a high positioning precision
- 200 steps per revolution
- With their high power already at low speed, their stall torque and the possibility to divide the steps in micro steps, stepper motors can provide direct and precise motions in a small volume
- High torque stepper motors using hybrid design and permanent magnets.



892-8739	56mm, 1.8° 8 Wires	£77.21
892-8741	86mm, 1.8° 8 Wires	£131.84
892-8748	65mm, 1.8° 8 Wires	£90.00

HIGH TORQUE HYBRID STEPPER MOTOR - BI-POLAR

- High Torque Hybrid Stepper Motors are motion systems allowing to have a high positioning precision
- 200 steps per revolution
- With their high power already at low speed, their stall torque and the possibility to divide the steps in micro steps, stepper motors can provide direct and precise motions in a small volume
- High torque stepper motors using hybrid design and permanent magnets



892-8723	1.8°, 0.21nm, 9V, 600 mA, 4 Wires	£47.00
892-8726	1.8°, 0.03nm, 4.32V, 800 mA, 4 Wires	£55.13
892-8729	1.8°, 0.065nm, 2.64V, 400 mA, 4 Wires	£47.68
892-8732	1.8°, 0.36nm, 2.8V, 1.68 A, 4 Wires	£21.16

FLAT HYBRID STEPPER MOTOR, 200 STEPS

- Ultraflat, high-torque stepper motor with step angle of 1.8°
- 4-wire configuration
- 200 Steps/rev



OVAL GEAR FLOW SENSORS

- Stainless steel body with carbon filled 'PEEK' gears, ceramic magnet and 'VITON' seals giving maximum fluid compatibility
- Low pressure drop
- IP67/NEMA4 ingress protection
- High resolution pulse output
- Can be used with remote display instrumentation via M12 instrument socket (M12 plug supplied)



447-4427 1 l/min	£297.24
447-4449 4 l/min	£274.47

LIQUID FLOW SENSOR

- Flow transducer manufactured in acetal copolymer with brass compression fittings at both ends to fit 15mm diameter pipe connections
- Provides a pulsed output proportional to flow rate via LED and photodetector transistor
- LED requires an external current limiting resistor (dependent on supply voltage)
- Rise/fall times 60/6ns
- Can be used with most PLC and panel counter inputs (3-24V)



257-133 1.5-30 l/min	£31.95
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BEVERAGE FLOW SENSOR

- Produces pulse output the total of which is proportional to the total flow through of the device
- Designed specifically for the drinks dispense industries and is suitable for beer, wine and spirits (excluding juice extracts)
- Suitable for many liquids including water, beer and soft drinks - no acids
- Totally non-metallic wetted components ideal for the metering of food based products and even ultra-pure water
- Supplied with 1.5m (approx.) cable



511-4772 2 ranges within 0.5-15 l/m	£35.14	312-7164 Vertical - NO	£53.55	519-242	£3.43
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PADDLE FLOW SWITCHES

- Monitors liquid flow by means of a stainless steel paddle, when a preset flow rate is approached, the magnet connected to the paddle nears the magnet with opposite poles to operate a microswitch
- This generates a limit value when the actual flow rate is above or below a nominal value preset (site adjustable)
- Relatively small pressure loss and insensitive to pollution
- All functional parts made of stainless steel
- Designed to switch on flow fall



613-4244 G1, 14 - 18 l/min	£147.04
613-4238 G½, 5.5 - 7 l/min	£129.21
613-4222 G¾, 7.5 - 10 l/min	£130.39

STAINLESS STEEL FLOAT SWITCH - HORIZONTAL MOUNT

- Horizontal mounting float switch with right angled stem which mounts internal to vessel or tank
- Float reversal, rise or fall operate
- Top or bottom tank mounting
- Silicone sealing washer - Maximum pressure 10bar
- SPST output 50VA at 240Vac/200Vdc (max. switching current: 1A)



235-6204 Horizontal - NO	£58.65
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PISTON FLOW SWITCHES

- A piston operated flow switch with an action which is proportional to the flow rate against a supporting spring
- A reed switch on the outside is positioned at the desired point within the control range
- Output generated when the actual flow rate value is above or below the set value - Scaled switch point setting
- High pressure and temperature capabilities - made of Brass
- Low flow switching capabilities
- Installation independent of position



510-0565 0.1-0.6 l/min,	£159.91
510-0571 0.5-3 l/min,	£159.91

STAINLESS STEEL VERTICAL FLOAT SWITCH - HORIZONTAL MOUNT

- Stainless Steel Float Switches (vertical or horizontal mount) suitable for use within a variety of environments with water, acids and oils, and acceptable for use in contact with food
- No power supply is required
- Output rated at 50VA



762-1039 Horizontal - NO/NC	£32.48
762-1036 Vertical - NO/NC	£28.14

POLYPROPYLENE VERTICAL FLOAT SWITCH

- The PLS series of float switches includes one of the smallest float switches available in the market at 29.5mm in length
- Typical applications include water dispensers, tank monitoring systems, drinks vending machines, coffee makers and HVAC
- Top or bottom tank mounting
- Polypropylene material suitable for water and dilute acids
- Fitted with 300mm leads, rated for 140Vac / 200Vdc @ 1A
- Temperature range: -20 °C +80 °C



16MM IP65 KEY SWITCHES

- Key Switches designed to fit industry standard 16mm diameter cut-outs in panels with a thickness between 0.5 and 5mm
- Waterproof rated to IP65
- Two position Key Switches feature single entry keys (can only be inserted into the lock one way up) and same (common) key profile
- Waterproof rated to IP65
- VDE rated to 5A 250Vac IBA 125Vac
- -25 to +55°C operating temperature range



820-0481	3 position Momentary	£13.28
820-0488	2 position Momentary	£12.12
820-0485	3 position Alternate	£13.98

ANTI-VANDAL IP67 ROTARY SELECTOR SWITCH - (19MM)

- A maintained action anti-vandal selector switch of stainless steel construction that features IP67 above panel protection
- Available with red, green or blue illumination and a choice of 12V, 24V and 220V rated LEDs
- Illuminated switch function arrow, on-on operation



820-0605	19mm on-on	£8.74
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16MM SINGLE PIECE LED INDICATORS

- LED Indicators with multi-chip technology providing a bright and even colour with lower power consumption
- 16mm dia cutout with a choice of 12/24/230V operation - AC or DC
- Front panel protected to IP40 and have an operational life of 30,000 hours



909-2427	Blue 110/120Vac/dc	£2.11
909-2415	Blue 12Vac/dc	£2.11
909-2421	Blue 230Vac	£2.11
909-2424	Blue 24Vac/dc	£2.11
909-2437	Green 110/120Vac/dc	£2.11
909-2430	Green 12Vac/dc	£2.11
909-2446	Green 230Vac	£2.11
909-2433	Green 24Vac/dc	£2.11
909-2452	Red 110/120Vac/dc	£2.11
909-2449	Red 12Vac/dc	£2.11
909-2455	Red 230Vac	£2.11
909-2443	Red 24Vac/dc	£2.11
909-2461	White 110/120Vac/dc	£2.33
909-2459	White 12Vac/dc	£2.33
909-2465	White 230Vac	£2.33
909-2468	White 24Vac/dc	£2.33
909-2471	Yellow 110/120Vac/dc	£2.11
909-2474	Yellow 12Vac/dc	£2.11
909-2480	Yellow 230Vac	£2.11
909-2477	Yellow 24Vac/dc	£2.11

22MM SINGLE PIECE LED INDICATORS

- LED Indicators with multi-chip technology providing a bright and even colour with lower power consumption
- 22mm dia cutout with a choice of 12/24/230V operation - AC or DC
- Front panel protected to IP40 and have an operational life of 30,000 hours
- Built in Test Circuit allows remote illumination of all indicators in a panel for diagnostic purposes



909-2496	Blue 110V	£4.56
909-2483	Blue 12V	£4.56
909-2499	Blue 230V	£4.56
909-2487	Blue 24V	£4.56
909-2506	Green 110V	£4.56
909-2493	Green 12V	£4.56
909-2500	Green 230V	£4.56
909-2503	Green 24V	£4.56
909-2516	Red 110V	£4.56
909-2519	Red 12V	£4.56
909-2525	Red 230V	£4.56
909-2512	Red 24V	£4.56
909-2531	White 110V	£4.56
909-2528	White 12V	£4.56
909-2534	White 230V	£4.56
909-2522	White 24V	£4.56
909-2540	Yellow 110V	£4.56
909-2538	Yellow 12V	£4.56
909-2544	Yellow 230V	£4.56
909-2547	Yellow 24V	£4.56

22MM LED INDICATORS WITH SOUNDER

- LED Indicators with multi-chip technology providing a bright and even colour with lower power consumption
- 22mm dia cutout with a choice of 12/24/230V operation - AC or DC
- Combined audible and visual warning via sounder output - 80dB
- IP30 front panel protection



909-2550	Red 110V	£5.78
909-2553	Red 12V	£5.78
909-2569	Red 230V	£5.78
909-2556	Red 24V	£5.78

DIECAST CONTROL STATION ENCLOSURES

- Highly visible and robust diecast aluminium single 22mm switch control stations in yellow
- Standard 22.5mm aperture - compatible with all common 22mm pushbutton brands - Ideal for emergency stops switches
- Option of shrouded version to avoid accidental operation
- 74x58mm square, 51mm deep and sealed to IP65



136-8582	Single Hole Control Station	£18.06
136-8581	Single Hole Control station Shrouded	£24.98

22.5MM PULSING SOUNDER ALARM

- 22mm pulsing audible signal, perfect for use in alarm circuits
- IP30 front panel protection
- All voltages offer AC or DC supply operation



909-2562	12Vac/dc	£5.70
909-2566	24Vac/dc	£5.70
909-2575	110/120V	£5.70
909-2578	230Vac	£5.70

LIMIT SWITCHES

18MM ROLLER LEVER LIMIT SWITCH

- Roller lever limit switches with 18mm diameter nylon roller and snap action switch contacts
- Plastic body made from ULVO thermoplastic with IP65 protection, Metal body has IP66 protection
- 10A conventional thermal current switch capacity
- Electrically separated contacts - 1NO + 1NC
- Standardized dimension to EN50047 and EN50041
- Single M20 x 1.5 cable gland



902-6856	Plastic body	£11.60
902-6890	Metal body	£16.46

18MM ADJUSTABLE ROLLER LEVER LIMIT SWITCH

- Roller lever limit switches with 18mm diameter adjustable nylon roller and snap action switch contacts
- Plastic body made from ULVO thermoplastic with IP65 protection, Metal body has IP66 protection
- 10A conventional thermal current switch capacity
- Electrically separated contacts - 1NO + 1NC
- Standardized dimension to EN50047 and EN50041
- Single M20 x 1.5 cable gland



902-6865	Plastic body	£12.16
902-6896	Metal body	£17.11

PLAIN METAL PLUNGER LIMIT SWITCH

- Metal plunger limit switches with snap action switch contacts
- Plastic body made from ULVO thermoplastic with IP65 protection, Metal body has IP66 protection
- 10A conventional thermal current switch capacity
- Electrically separated contacts - 1NO + 1NC
- Standardized dimension to EN50047 and EN50041
- Single M20 x 1.5 cable gland



902-6862	Plastic body	£9.45
902-6900	Metal body	£13.34

50MM ROLLER LEVER LIMIT SWITCH

- Roller lever limit switches with 50mm diameter rubber roller and snap action switch contacts
- Plastic body made from ULVO thermoplastic with IP65 protection, Metal body has IP66 protection
- 10A conventional thermal current switch capacity
- Electrically separated contacts - 1NO + 1NC
- Standardized dimension to EN50047 and EN50041
- Single M20 x 1.5 cable gland



902-6919	Plastic body	£14.59
902-6878	Metal body	£13.76

50MM ADJUSTABLE ROLLER LEVER LIMIT SWITCH

- Roller lever limit switches with 50mm diameter adjustable nylon roller and snap action switch contacts
- Plastic body made from ULVO thermoplastic with IP65 protection, Metal body has IP66 protection
- 10A conventional thermal current switch capacity
- Electrically separated contacts - 1NO + 1NC
- Standardized dimension to EN50047 and EN50041
- Single M20 x 1.5 cable gland



902-6868	50mm rubber roller - Plastic body	£14.97
902-6907	50mm rubber roller - Metal body	£19.30
902-6887	50mm nylon roller - Plastic body	£14.31



ROLLER LEVER LIMIT SWITCH

- Roller lever limit switches with snap action switch contacts
- Plastic body made from ULVO thermoplastic with IP65 protection, Metal body has IP66 protection
- 10A conventional thermal current switch capacity
- Electrically separated contacts - 1NO + 1NC
- Standardized dimension to EN50047 and EN50041
- Single M20 x 1.5 cable gland

ADJUSTABLE ROD LIMIT SWITCH

- Adjustable Ø3mm stainless steel rod lever limit switches with snap action switch contacts
- Plastic body made from ULVO thermoplastic with IP65 protection, Metal body has IP66 protection
- 10A conventional thermal current switch capacity
- Electrically separated contacts - 1NO + 1NC
- Standardized dimension to EN50047 and EN50041
- Single M20 x 1.5 cable gland



902-6880	Plastic body	£13.22
902-6916	Metal body	£18.72

METAL ROLLER PLUNGER LIMIT SWITCH

- Metal Roller plunger limit switches with snap action switch contacts
- Plastic body made from ULVO thermoplastic with IP65 protection, Metal body has IP66 protection
- 10A conventional thermal current switch capacity
- Electrically separated contacts - 1NO + 1NC
- Standardized dimension to EN50047 and EN50041
- Single M20 x 1.5 cable gland



COIL SPRING LIMIT SWITCH

- Stainless steel coil spring multi-directional 7mm diameter actuator limit switch with snap action switch contacts
- Plastic body made from ULVO thermoplastic with IP65 protection, Metal body has IP66 protection
- 10A conventional thermal current switch capacity
- Electrically separated contacts - 1NO + 1NC
- Standardized dimension to EN50047 and EN50041
- Single M20 x 1.5 cable gland



REAR MOUNT DOOR INTERLOCKED ISOLATOR

- Rear of panel mounting isolators complete with handle and shaft with AC-22 rating
- The switch mounts at the rear of the enclosure, either on 35mm DIN rail or via two screw fixing
- The handle is interlocked ensuring removal only in the OFF position, and is padlockable in the OFF position
- Maximum panel thickness is 3mm
- Metal shaft length: 282mm (3 pole) and 94mm (6 pole)



466-273	25A 3 Pole	£17.79
466-176	32A 3 Pole	£21.30
466-283	40A 3 Pole	£24.21
466-277	63A 3 Pole	£26.45
466-267	80A 3 Pole	£31.92
466-160	125A 3 Pole	£48.53

LARGE BOX ENCLOSED ISOLATORS

- Plastic IP65 enclosed isolators in an over-sized box to aid wiring when space isn't an issue
- Ideal if working with steel wire armoured cable or conduit
- Interlocking lid ensures removal in the OFF position only
- Padlockable handles
- Flame retardant material



PANEL MOUNT (PADLOCKABLE)

- Panel mount switch disconnectors for use with low voltage switchgear such as power distribution, load isolation and motor start/stop
- All switch ratings at AC-22
- Maximum panel thickness 3mm
- Actuator dimensions 64x64x32mm



ENCLOSED CHANGE-OVER SWITCHES

- ABS plastic enclosed 2 pole changeover switch with padlockable handle
- IP65 protected
- AC-21 Rated



PLASTIC ENCLOSED ISOLATOR

- Plastic IP65 enclosed isolators in 3 and 4 pole versions - with optional auxiliary contacts
- Interlocking lid ensures removal in the OFF position only - padlockable
- Flame retardant material



466-249	20A 4 Pole	£15.97
466-233	25A 4 Pole	£18.95
466-227	32A 4 Pole	£20.64
466-172	32A 3 Pole	£19.83
466-239	40A 4 Pole	£26.51
466-223	63A 4 Pole	£28.56
466-217	80A 4 Pole	£33.20

860-9554	25A 2 Pole	£57.11
860-9557	32A 2 Pole	£77.03
860-9551	40A 2 Pole	£111.17

DIECAST ENCLOSED ISOLATORS

- Rotary switch isolator in an IP65 rated diecast aluminium enclosure
- Ideal for external use or in tougher environments
- Dimensions (H x W x D) 152 x 140 x 100mm
- Padlockable in off position
- CB, CE, SEMKO, UL508, IEC, EN60947-3 Approvals



773-7998	25A 4 Pole	£46.52
773-7992	32A 4 Pole	£49.57
773-8005	40A 4 Pole	£54.75
773-8008	63A 4 Pole	£56.22

METAL CLAD ENCLOSED ISOLATORS

- Enclosed isolators in RAL7032 grey epoxy coated steel with IP54 protection
- Padlockable handle
- Choice of 3 or 4 pole configuration with the optional auxiliary contacts - see 466-251



773-8002	25A 3 Pole	£18.98
773-8011	32A 3 Pole	£32.22
773-8014	40A 3 Pole	£36.90
773-8018	63A 3 Pole	£39.00
773-8027	80A 3 Pole	£44.26
773-8020	25A 4 Pole	£29.59
773-8024	32A 4 Pole	£33.10
773-8033	40A 4 Pole	£39.06
773-8036	63A 4 Pole	£40.74
773-8030	80A 4 Pole	£46.49
773-8049	100A 4 Pole	£81.48
773-8042	125A 4 Pole	£89.29

ISOLATORS & DISCONNECTORS

SURFACE MOUNTING STEEL BOXED ISOLATORS

- 4 Pole Metal Enclosed Switch-Disconnectors protected to IP65
- Ideal for external use or where plastic isn't tough enough
- Epoxy Coated Steel case in RAL7035 grey
- Padlockable for Added Security
- All Switch Ratings at AC-22
- Approved to: CB, CE, SEMKO, IEC & EN60947-3



136-5286	32A 4 Pole - 173x100mm box	£69.30
136-5287	32A 4 Pole - 178x178mm box	£78.50

ENCLOSED FUSED DISCONNECT SWITCHES

- Enclosed fused disconnectors in robust metal enclosures sealed to IP65
- 3 pole + early make / late break neutral switch
- Supplied with fully rated gL fuses
- 32A 10x38mm fuses, 63A and 80A 22x58mm fuses
- Switch handle padlockable in the off position for up to 3 padlocks
- CE / CB & SEMKO Certified switch to EN60947-3
- TUV approved fuse holder to EN60269-1 & HD60269-2



136-5292	32A 3 Pole	£105.20
136-5293	63A 3 Pole	£170.98
136-5294	80A 3 Pole	£177.02

CHANGE-OVER SWITCHES

- Choice of 2 and 4 pole changeover switches in either flame retardant plastic, Steel or Metal Clad enclosures
- IP65 Protected
- EN 60947-3 / All Switch Ratings AC-21A



136-5288	2 Pole Changeover 63A Plastic	£159.11
136-5289	4 Pole Changeover 63A Steel Enclosure	£159.68
136-5290	4 Pole Changeover 63A Metal Clad	£115.31

STAINLESS STEEL ENCLOSED ISOLATORS

- Rotary switch AC-22 rated 4-pole isolators in stainless steel enclosures
- Particularly suitable for pharmaceutical and food preparation areas
- 304 brushed stainless steel
- Fully earth bonded
- Padlockable for security
- Approved to CB, CE, SEMKO, UL508, IEC, EN 60947-3



136-5282	25A 4 Pole	£129.60
136-5283	32A 4 Pole	£129.60
136-5284	63A 4 Pole	£159.85

6 POLE STEEL ENCLOSED ISOLATORS

- 6 Pole isolator switches in epoxy coated steel enclosures sealed to IP65
- RAL7035
- Padlockable for Added Security



136-5277	63A	£119.40
136-5278	125A	£163.85

PLASTIC ENCLOSED 3P+N ISOLATORS

- 3 Pole & Switched Neutral isolators in a flame retardant plastic casing
- Blue Early Make / Late Break Neutral Contact fitted as supplied
- 20mm Knock-outs up to 40A / 25mm on 63 to 125A
- Padlockable for Added Security



860-9529	20A	£15.96
860-9523	25A	£18.73
860-9532	32A	£20.64
860-9535	40A	£20.42
860-9539	63A	£30.18
860-9548	80A	£32.78
860-9545	125A	£86.07
860-9541	100A	£77.88

HEAVY DUTY REED SWITCH - CHANGE-OVER

- Change-over heavy duty reed switch capable of switching 2A (400Vac / 250Vdc max) - resistive load only
- Pre-wired with 0.7m PVC leads
- Blue cast zinc case with slotted fixing
- Rating to IP64
- Dimensions: 80 x 19 x 9.6mm (switch) 38 x 25 x 9.6mm (magnet - RS 339-768)



339-752 C/O Reed Switch

£14.19

SENSOR 4MM DIA.

- Miniature reed switch module fitted with interconnect cable
- Applications include position and limit switch, end position sensing and machinery safety & control
- N/O condition with no magnet present
- For suitable actuator magnets see stock nos. 536-1710 and 536-1726



530-8911 4mm diameter, 1A, 90Vac

£3.78

HEAVY DUTY REED SWITCH - NO

- Heavy duty normally open reed switch capable of switching 2A (400Vac / 250Vdc max) - resistive load only
- Pre-wired with 0.7m PVC leads
- Blue cast zinc case with slotted fixing
- Rating to IP64
- Dimensions: 80 x 19 x 9.6mm (switch) 38 x 25 x 9.6mm (magnet - RS 339-768)



339-746 N/O Reed Switch

£10.92

SMD REED SWITCHES

- Surface mounting with small dimensions (11.5mm long)
- Used for electronic PCBs, low power applications, telecommunications, switching element in microphones



530-8977 200V, NO, 500mA

£1.50

530-8961 200V, NO, 1.25A

£1.31

530-8999 170V, NO, 500mA

£2.14

RECTANGULAR REED SWITCH

- Low profile rectangular magnetic proximity reed switch with change-over contacts
- Ideal as linear actuator switches, security system switches and door switches
- Contacts rated at 400mA @ 175V (resistive load)
- Moulded switch case with 2 slotted fixing holes
- Dimensions: 28.5 x 19 x 6.8 mm



811-0748 Reed Switch, Change Over, 175Vac

£6.25

COMPACT SLOT REED SWITCHES

- Compact slot / vane proximity sensors with contacts that close in the presence of a ferrous metal
- 12 mm activation U-slot - choice of normally open or change-over contacts
- Operating temperature -20° to 85°C
- ABS housing material & PVC insulated cable



136-5758 400V, NO, 1A

£9.00

136-5759 175V, CO, 500mA

£10.00

COMPACT REED PROXIMITY SENSORS

- Normally open contacts that close in the presence of a ferrous metal
- 6 mm activation distance (may vary depending on iron content)
- Switching voltage 140Vac, 200Vdc - max. load 10W, 0.25A
- Operating temperature -40° to 85°C
- ABS housing material & 2 core cable



136-5756 front facing	£10.00
136-5757 top facing	£10.00
136-5753 side facing	£9.00
136-5754 bottom sensing	£9.00
136-5755 top facing	£9.00

METAL CASED MAGNET FOR REED SWITCH

- Actuator magnet for use with various reed switches including RS 289-7783



339-768 Heavy duty magnet

£4.36

PLASTIC CASED MAGNET FOR REED SWITCH

- Actuator magnet designed for use with various reed switches including RS 811-0748
- Moulded switch case with 2 slotted fixing holes
- Robust sealed switch
- Changeover version available



MOVING IRON AC AMMETER

- Moving iron meter for AC current indication in two common panel sizes
- Panel mounting, with two threaded post connections for in-circuit current measurement
- ABS & Polycarbonate enclosure to UL94-VO
- 1.5 Accuracy class
- Operating temperature range -25°C - +50°C



901-0346	72x72 90 deg 0-10/20A	£11.50
901-0340	72x72 90 deg 0-20/40A	£11.50
901-0359	72x72 90 deg 0-30/60A	£11.50
901-0356	96x96 90 deg 0-10/20A	£11.50
901-0365	96x96 90 deg 0-20/40A	£11.50
901-0368	96x96 90 deg 0-30/60A	£11.50

MOVING IRON AC VOLTMETER

- Moving iron meter for AC voltage indication in two common panel sizes
- Panel mounting, with two threaded post connections for in-circuit current measurement
- ABS & Polycarbonate enclosure to UL94-VO
- 1.5 Accuracy class
- Operating temperature range -25°C - +50°C



901-0514	48x48mm 90 deg scale 300V	£10.90
901-0523	48x48mm 90 deg scale 500V	£10.90
901-0526	72x72mm 90 deg scale 300V	£11.50
901-0520	72x72mm 90 deg scale 500V	£11.50
901-0539	96x96mm 90 deg scale 300V	£11.81
901-0532	96x96mm 90 deg scale 500V	£11.81

MOVING COIL DC VOLTMETER

- Moving coil meter for DC voltage indication in two common panel sizes
- Panel mounting, with two threaded post connections for in-circuit current measurement
- ABS & Polycarbonate enclosure to UL94-VO
- 1.5 Accuracy class
- Operating temperature range -25°C - +50°C



901-0548	48x48mm 90 deg scale 150V	£20.59
901-0536	48x48mm 90 deg scale 20V	£20.59
901-0545	48x48mm 90 deg scale 40V	£20.59
901-0554	72x72mm 90 deg scale 150V	£21.20
901-0542	72x72mm 90 deg scale 20V	£21.20
901-0551	72x72mm 90 deg scale 40V	£21.20
901-0560	96x96mm 90 deg scale 150V	£21.20
901-0558	96x96mm 90 deg scale 20V	£21.20
901-0567	96x96mm 90 deg scale 40V	£21.20

MOVING IRON AC AMMETER - CT INPUT

- AC moving coil ammeter with 0-5A current transformer input and 10A overload
- Supplied without scale - must be purchased separately - full range from 60A to 1500A available
- ABS & Polycarbonate enclosure to UL94-VO
- 1.5 Accuracy class
- Operating temperature range -25°C - +50°C



901-0343	72x72mm 90 deg CT 0-5A/10A No Scale	£11.50
901-0352	96x96mm 90 deg CT 0-5A/10A No Scale	£11.50
901-0444	72x72mm 90 deg scale - 250A	£1.00
901-0450	72x72mm 90 deg scale - 500A	£1.00
901-0494	96x96mm 90 deg scale - 250A	£1.00
901-0501	96x96mm 90 deg scale - 500A	£1.00
901-0517	96x96mm 90 deg scale - 1000A	£1.00

AC FREQUENCY METER

- AC input frequency meter (45-65Hz) for motor or supply frequency indication up to 400Vac
- ABS & Polycarbonate enclosure to UL94-VO
- 1.5 Accuracy class
- Operating temperature range -25°C - +50°C



901-0564	48x48 90 deg scale 415V	£29.67
901-0573	72x72 90 deg scale 415V	£29.67

SINGLE & 3-PHASE PHASE DIGITAL AMMETERS

- Single & 3 Phase digital ammeters designed for use in industrial applications which require clear indication & onsite adjustment
- 4-digits ultra-bright LED display (up to 9999)
- Fast and easy installation (clip-in mounting for 96 x 96 model only)
- True RMS measurement
- On-site programmable CT/PT ratios and selectable CT secondary 1A/5A



136-5385	48x96, 1Ph, 40-300V ac/dc	£37.50
136-5387	96x96, 1Ph, 40-300V ac/dc	£37.50
136-5390	48x96, 3Ph, 40-300V ac/dc	£45.00
136-5391	96x96, 3Ph, 40-300V ac/dc	£45.00

SINGLE & 3-PHASE PHASE DIGITAL VOLTMETERS

- Digital voltmeters with either single or three phase inputs designed for use in industrial applications which require precise measurement and onsite adjustment of the display range
- 4-digits ultra-bright LED display (up to 9999) with True RMS measurement
- Fast and easy installation (clip-in mounting for 96 x 96 model only)
- On-site programmable PT ratios
- User selectable PT secondary from 60...600 VAC LINE
- Wide auxiliary power supply which can accept any input between 40V-300V ac/dc



136-5388	48x96, 1Ph, 40-300V ac/dc	£37.50
136-5389	96x96, 1Ph, 40-300V ac/dc	£37.50
136-5393	48x96, 3Ph, 40-300V ac/dc	£45.00
136-5394	96x96, 3Ph, 40-300V ac/dc	£45.00

3 DIGIT, 3 LINE DIGITAL MULTI-FUNCTION METERS

- 3 Digit digital (96x96mm) panel meters offering measurement of key electrical parameters in 3 phase 4-wire, 3 phase three wire and single phase networks
- This single multi-function meter can replace multiple analogue panel meters
- Measurements include AC voltage, AC current, Frequency and more
- True RMS measurement
- Onsite programmable



136-5377 3Ph, V A F	£49.00
136-5378 3Ph, V A F + Limit Relay	£53.75

4 DIGIT, 3 LINE DIGITAL MULTI-FUNCTION METERS

- 4 digit, multi line, LED multi-function, 96x96mm, digital meters offering a choice of parameter measurement in a single unit
- Measurements include AC voltage, AC current, Frequency, energy and more
- Limit switch relay output option
- User selectable CT secondary 1A/5A and PT secondary from 100 VLL to 500 VLL
- User selectable 3 ph 3 wire/3 ph 3 wire/ single phase network
- Wide auxiliary power supply which can accept any input between 40 V-300 V ac/dc or 12 V-48 V dc
- Storage of MIN/ MAX values
- Measurement and display of RPM, run hours, on hours and No. of interrupts



136-5380 3Ph, V A F	£55.00
136-5379 3Ph, V A F + Limit Relay	£55.00
136-5383 3Ph, V A F & Energy - RS485	£66.50
136-5384 3Ph, V A F Energy + Limit & RS485	£69.75

MULTIFUNCTION POWER METER

- A digital power meter covering wide range of supply usage parameters and suitable for machine & building energy monitoring in single phase and 3 phase applications
- Dual pulsed outputs and Modbus built-in
- CT operated meter, allowing for a retro-fit installation
- Class 1 accuracy



871-8314 Multifunction Modbus Power Meter	£101.42	871-8311	£15.60
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45A DIRECT CONNECT POWER METER

- Single Phase DIN Rail mounting 45A direct connection digital power meter with pulse and Modbus outputs
- Class 1 accuracy
- Backlit digital display
- 2 pulsed outputs for active and reactive energy indication
- Modbus RTU protocol via RS485 communication port



871-8302 1 Phase, 45A	£36.41
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3 PHASE MULTI FUNCTION POWER METER

- 3 Phase DIN Rail CT Operated Digital Power Meter with pulse and Modbus outputs
- Class 1 accuracy
- Single Phase and 3 phase wiring possible and 5A CT input
- Touch-screen user-friendly buttons for configuration
- Dual pulsed output and built-in RS485 (Modbus)
- MID certified option available for sub-billing usage



871-8305 1/5A CT	£135.76
871-8308 1/5A CT; MID certified	£160.01

RS 96 X 96 PANEL KIT

- The Panel Kit acts as a cradle which holds the 3 phase DIN Rail meter securely for panel mounting
- The kit creates a 96mm² fascia and consists of two separate components making it practical, fast and easy to install
- Clips on either side for secure installation



871-8311	£15.60
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RS PRO LOGIC MODULES

- Compact, Low cost, logic modules from RS Pro - easy to program via USB with FREE software
- Basic logic controller is available with or without LCD display and offers 8 DI + 4 Relay Output
- Two of the inputs can be used as analogue (917-6370 & 917-6377)
- 250 lines of ladder programming - including timers, counters, Boolean, timeswitch functions and comparison functions
- RS Pro Logic Module software is available as a free download via the following link:
- http://download.designspark.info/RS_Pro_Logic_Module.zip



917-6361 Logic Module w/ Display 8I/4O 110-240V	£78.97
917-6370 Logic Module w/o Display 8I/4O 12-24V	£78.97
917-6373 Logic Module w/o Display 8I/4O 110-240V	£62.86
917-6377 Logic Module w/o Display 8I/4O 12-24V	£62.86
917-6386 Expansion Module 8I/4O 110-240Vac	£36.76
917-6389 Expansion Module 8I/4O 12-24Vdc	£36.76
917-6383 RS485 Comms module 110-240Vac	£27.58
917-6392 RS485 Comms module 12-24Vdc	£27.58
917-6395 USB Programming Cable	£13.79
917-6399 Memory Module	£9.19

M12 SPLITTER BOXES

- A great selection of splitter boxes for M12 connecting leads commonly used with sensors, switches and other automation equipment
- With an excellent degree of environmental protection - IP65/67
- Nickel plated brass contacts providing reliable connection
- MODBUS comms models available
- Wired and Terminal block models protected
- PBT Plastic Housing
- Operating Temperature of 0 to 55 °C
- 24Vdc power supply



877-1224 5 PIN .B Port,5 m	£92.11
877-1185 5 PIN .B Port,Terminal	£54.07
877-1182 5 PIN .B Port,10m	£77.57
877-1179 5 PIN .A Port,10m	£51.30
877-1173 5 PIN .A Port,Terminal	£27.68
877-1220 5 PIN .6 Port,10 m	£107.32
877-1218 5 PIN .6 Port,Terminal	£42.55
877-1230 5 PIN .6W, MODBUS	£44.56
877-1236 5 PIN .4W, MODBUS	£45.97

M30 CYLINDRICAL CAPACITIVE SENSORS

- 30mm threaded capacitive sensors suitable for detecting a wide range of object: Metal, plastic, liquid etc.
- Surge, overload, short-circuit, and reverse polarity protection
- Available in 3-wire NPN or PNP (M12 connector or 2m PVC cable) or 2-Wire AC/DC switched output
- Housing material : PBT
- Protection degree : IP67 (IEC)



M18 CYLINDRICAL CAPACITIVE SENSORS

- 18mm threaded capacitive sensors suitable for detecting a wide range of object: Metal, plastic, liquid etc.
- Surge, overload, short-circuit, and reverse polarity protection
- Available in 3-wire NPN or PNP (M12 connector or 2m PVC cable) or 2-Wire AC/DC switched output
- Housing material : PBT
- Protection degree : IP67 (IEC)



896-7229	Sr. 5mm, NPN, Cable	£52.23
896-7232	Sr. 5mm, PNP, Cable	£52.23
896-7223	Sr. 8mm, NPN, Cable	£52.23
896-7235	Sr. 8mm, PNP, Cable	£52.23
896-7239	Sr. 5mm, PNP, M12	£53.01
896-7248	Sr. 8mm, PNP, M12	£53.01
896-7241	Sr. 5mm, 20-250Vac/dc 2-wire	£55.16
896-7245	Sr. 8mm, 20-250Vac/dc 2-wire	£55.16

PLASTIC RECTANGULAR CAPACITIVE SENSORS

- Surface mounting PBT bodied rectangular capacitive sensors available in two sizes:
- 896-7282: 30x50x7mm - Sense range 8mm
- 896-7273: 50x20x10mm - Sense range 10mm
- Surge, overload, short-circuit, and reverse polarity protection
- 3-wire PNP output with 2m PVC cable
- Protection degree : IP67 (IEC)



896-7282	30x50x7mm - Sense range 8mm	£45.01
896-7273	50x20x10mm - Sense range 10mm	£42.82

M18 CYLINDRICAL CAPACITIVE SENSORS

- 18mm threaded capacitive sensors suitable for detecting a wide range of object: Metal, plastic, liquid etc.
- Surge, overload, short-circuit, and reverse polarity protection
- Available in PNP with M12 connector or 2m PVC cable
- Housing material : Nickel-copper Alloy
- Protection degree : IP67 (IEC)



896-7251	Sr. 10mm, PNP, Cable	£53.01
896-7254	Sr. 10mm, NPN, Cable	£53.01
896-7257	Sr. 15mm, NPN, Cable	£53.01
896-7260	Sr. 15mm, PNP, Cable	£53.01
896-7263	Sr. 10mm, PNP, M12	£55.16
896-7267	Sr. 15mm, PNP, M12	£55.16
896-7276	Sr. 15mm, 20-250V AC/DC 2-wire	£78.82
896-7279	Sr. 15mm, 20-250V AC/DC 2-wire	£78.81

146-6757	Sr. 8mm M18 PNP, Cable	£52.23
146-6758	Sr. 5mm M18 PNP, M12	£52.23

OPTICAL FIBRE AMPLIFIER & HEADS

- Fibre optic amplifier unit & heads ideal for detection tasks in the food, packing, electronics and logistics industries
- Amplifier has a 4-wire output capable of NPN/PNP/NO/NC configuration
- Built in timer function
- Sensitivity adjustment
- Fast response high frequency LED infrared sensing
- Power supply 12~24VDC±10%
- Protection circuit Reverse polarity and surge protection
- Protection degree IP65



896-7305	Optical fibre amplifier 2m PVC cable	£40.98
896-7298	Fibre optic head, PR-610 (reflex)	£24.16
896-7285	Fibre optic head, PT410 (thru-beam)	£24.16
896-7295	Fibre optic head, PTE-310 (thru-beam ext)	£38.66

LINEAR POSITION SENSORS

- IPL linear position sensors combine a robust and sealed membrane type linear potentiometer element
- Supplied in a convenient housing that make installation simple an a choice of stroke lengths to provide accurate linear measurement feedback for a wide range of applications
- Long life cycle and high temperature capability
- IP65 Rated



909-4196	25mm stroke	£56.65
909-4209	50mm stroke	£66.95
909-4203	100mm stroke	£69.53
909-4212	200mm stroke	£74.16
909-4206	500mm stroke	£88.00

STAINLESS STEEL BARREL SENSORS - FACTOR 1

- Stainless steel inductive sensors which offer 'Factor 1' performance which enables them to sense all metals – both ferrous and non-ferrous – at the same distance offering greater sensing confidence
- Stainless steel body with PBT sensing face
- High impact and thermal resistance
- Pre-wired cable or M12 connector versions
- Connector versions supplied with a 2m PUR single-ended, straight connector lead



208-320	M8, Sr. 1.5mm Factor 1	£53.48
208-257	M12, Sr. 8mm Factor 1 - M12 Conn	£52.50
208-235	M18, Sr. 12mm Factor 1 - M12 Conn	£56.14
208-156	M12, Sr. 8mm Factor 1, Cable	£49.88
208-285	M30, Sr. 20mm Factor 1, Cable	£59.43

BLOCK STYLE SENSORS - FACTOR 1

- Inductive sensors in 40 x 40mm "limit switch" format and 80x80mm block format inductive sensors with Factor 1 capability
- Adjustable sensing head, 9 positions
- Fixed terminal base for quick sensor replacement
- Connection via terminal compartment



208-279	40x40mm "limit switch" - Factor 1	£46.51
208-134	80x80mm block - Factor 1	£121.56

INDUCTIVE SENSORS - STANDARD RANGE

- Inductive sensors offer precise detection, long-term reliability and high accuracy
- Sensors are completely encapsulated, which greatly increases shock and vibration resistance.
- IP67 Nickel brass housing with PBT sensing face
- Embeddable
- LED indication & Overload protected
- Operating temperature range -25 to +70°C



701-8225	M12, PNP, Sn 2mm, 2m	£26.04
701-8229	M12, NPN, Sn 2mm, 2m	£26.04
701-8231	M12, PNP, Sn 2mm, M12	£26.04
701-8238	M12, NPN, Sn 2mm, M12	£26.04
701-8213	M18, PNP, Sn 5mm, 2m	£29.97
701-8222	M18, NPN, Sn 5mm, 2m	£29.97
701-8244	M18, PNP, Sn 5mm, M12	£29.97
701-8235	M18, NPN, Sn 5mm, M12	£29.97
701-8216	M30, PNP, Sn 10mm, 2m	£30.75
701-8219	M30, NPN, Sn 10mm, 2m	£30.75
701-8241	M30, PNP, Sn 10mm, M12	£30.75
701-8247	M30, NPN, Sn 10mm, M12	£30.75

INDUCTIVE SENSORS - EXTENDED RANGE

- RS Pro inductive sensors offer precise detection, long-term reliability and high accuracy. The sensors are completely encapsulated, which greatly increases shock and vibration resistance.
- IP67 Nickel brass housing with PBT sensing face
- Non embeddable
- LED indication
- Operating temperature range -25 to +75°C
- Short circuit, overload and reverse polarity protection
- 2m PVC Pre-wired
- EN60947-2
- Non-flush mounting



701-8250	M12, NPN, Sn 4mm, 2M	£24.05
701-18253	M12, PNP, Sn 4mm, 2M	£24.05
701-8257	M18, NPN, Sn 8mm, 2M	£27.33
701-8263	M30, PNP, Sn 15mm, 2M	£30.86
701-8266	M18, PNP, Sn 8mm, 2M	£27.33
701-8269	M30, NPN, Sn 15mm, 2M	£30.86

RS PROXIMITY SWITCH TEST UNIT

- The RS Pro proximity switch tester is designed to test 3-wire DC proximity switches - either NPN or PNP
- Capable of testing inductive (metal sensing), capacitive, photoelectric or ultrasonic sensors
- Supplied ready to use with a 9V PP3 battery fitted, a great addition to any industrial toolbox!



839-9875	Hand Held Proximity Switch Tester	£56.42
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M18 PHOTOELECTRIC SENSORS - RETRO-REFLECTIVE

- An economy range of threaded photoelectric barrel sensors offering retro-reflective detection
- Housed in nickel-plated brass bodies with IP67 sealing
- Compact (60.5mm body length) with CE certification
- Cost effective alternative to leading brand M18 photoelectric sensors
- Dual colour LED status indication
- Supplied with reflector



729-5101	NPN Retro-reflective M12	£55.81
729-5110	NPN Retro-reflective 2m	£55.49
729-5113	PNP Retro-reflective M12	£55.49
729-5117	PNP Retro-reflective, 2m	£55.49

MINIATURE BLOCK STYLE PHOTOELECTRIC SENSORS

- Miniature photoelectric block sensors (31.5x21mm) offering a choice of diffuse (direct detect) detection
- Housed in IP67 protected ABS/Polycarbonate bodies with CE certification
- Standard 25.4mm mounting hole spacing (bracket supplied)
- Adjustable sensitivity
- Dual LED status indication
- Easy alignment with visible light spot



729-5173	NPN, Diffuse, M8	£76.08
729-5182	NPN, Diffuse, 2m	£95.21
729-5185	PNP, Diffuse, M8	£76.0
729-5189	PNP, Diffuse, 2m	£76.08

BLOCK PHOTOELECTRIC SENSORS - RETRO-REFLECTIVE

- A robust and economic range of block style (49x42mm) sensors with diffuse / direct detection
- IP67 protected body, with CE & UL certification
- Dual LED status indication
- Sensitivity adjustment
- M12 connector is rotatable to aid installation



729-5135	NPN, Diffuse, M12	£65.96
729-5139	NPN, Diffuse, 2m	£65.96
729-5141	PNP, Diffuse, 2m	£65.96
729-5148	PNP, Diffuse, M12	£65.96

M18 PHOTOELECTRIC SENSORS - THRU-BEAM

- Threaded M18 photoelectric barrel sensors offering thru-beam detection
- Housed in nickel-plated brass bodies with IP67 sealing
- A cost effective alternative to leading brand M18 photoelectric sensors
- Dual colour LED status indication
- Sender & received supplied together



M18 PHOTOELECTRIC SWITCH 4-WIRE

- A unique M18 Photo-Electric Switch with Diffuse (direct) 200mm detection and quadrature 4-wire output
- Can be wired to create either an NO or NC output in NPN or PNP
- LED output indication and M12 Connector
- Plastic body - polyamide (nylon) with IP67 sealing



256-405 £76.87

BLOCK PHOTOELECTRIC SENSORS - RETRO-REFLECTIVE

- A robust and economic range of block style (49x42mm) sensors with retro-reflective detection
- IP67 protected body, with CE & UL certification
- Dual LED status indication
- M12 connector is rotatable to aid installation
- Retro-reflective sensors are supplied complete with reflector



729-5151	PNP Retro-reflec 2m	£80.64
729-5154	NPN Retro-reflec 2m	£70.37
729-5157	PNP Retro-reflec M12	£80.64
729-5145	NPN, Retro-reflec, M12	£67.17

M18 PHOTOELECTRIC SENSORS - DIFFUSE

- Threaded M18 photoelectric barrel sensors offering diffuse (direct) detection
- Housed in nickel-plated brass bodies with IP67 sealing
- A cost effective alternative to leading brand M18 photoelectric sensors
- Dual colour LED status indication



729-5090	NPN Diffuse M12	£55.81
729-5094	NPN Diffuse 2m	£55.81
729-5104	PNP Diffuse M12	£55.81
729-5107	PNP Diffuse 2m	£55.81

PHOTOELECTRIC SLOT SENSORS

- Through beam u-shape slot photoelectric sensors with yellow LED indicator
- Ideal for accurate position detection or rotational detection of vanes or blades
- Reverse polarity and surge protection
- Housing material: PBT
- IP65 protection, PVC cable 2m



903-3942	7mm slot, PNP NO	£49.39
903-3945	7mm slot, PNP NC	£49.39
903-3958	15mm slot, PNP NC	£49.39
903-3933	30mm slot, 30mm PNP NO	£54.64
903-3939	30mm slot, 30mm NPN NO	£54.64
903-3927	30mm slot, 4-wire NPN NO NC	£54.64
903-3936	30mm slot, 4-wire PNP NO NC	£54.64

OUTDOOR/COLD STORE SENSORS

- An IP67 enclosed outdoor or cold room temperature sensor with either a PT-100 or proportional current loop output.
- PT100 4-wire (class B) sensor can be used in two, three or four wire configuration.
- 4-20mA current loop transmitter option for longer distances or connection to control system.
- Housing dimensions 80 x 74 x 54mm.
- Probe dimensions 12.5 x 75mm.
- Perforated stainless steel sheath.



455-4214	4-20mA transmitter output	£159.04
236-4283	2-wire direct connection	£98.41

GENERAL PURPOSE PT100 SENSOR

- Class B heavy-duty PT100 sensors in 50x6mm 316 Stainless sheath.
- Suitable for use in harsh environments and most liquid mediums.
- 2m hard-wearing silicon rubber insulated lead.
- 4-wire connection.



455-3968	PT100 6mm dia, 50mm length	£39.03
611-8264	PT100 6mm dia, 100mm length	£41.88

FLAT FILM PT-100

- Thin Film elements offer the advantages of small size and quick thermal response while element is still protected.
- Sheathed element in thin stainless steel - Suitable for immersion.
- Ideal for surface measurement.
- 2-wire PTFE insulated leads.



237-1613		£23.59
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PT100 THIN FILM PROBE

- Thin film sensor in a flat probe to BS1904, class B, DIN437860; $100\Omega \pm 0.1\Omega @ 0^\circ\text{C}$.
- Waterproof stainless steel sheath for use in adverse conditions.
- 1m Cable with 2 x 7//0.2mm silver plated conductors.
- 1/8" BSP (P) brass compression fitting (8mm thread length).
- Flat 25mm of sheath improves response time.

**PRT INDUSTRIAL HEAD & PROBE**

- Industrial sensors with Class B 4-wire PT100 elements housed in a 316 stainless steel sheath and aluminium head.
- All have an operating temperature range of -50 to +450°C and terminal head protection to IP67.
- BSP process connection.
- 6.0mm diameter probe - choice of lengths.
- Conforms to IEC 751.



285-633	6x200mm	£60.98
285-649	6x400mm	£62.21
285-655	6x600mm	£65.80

PT100 PROBES

- PTFE insulated PT100 element (to BS1904, class B) in a stainless steel (316) sheath.
- 1m Teflon® insulated twisted cable is made up from 7//0.16mm stranded conductors.
- 4-wire configuration.
- Temperature range -50 to +200°C.



762-1134	25mm x 3mm diameter	£27.18
123-5610	50mm x 3mm diameter	£25.72
158-985	100mm x 3mm diameter	£28.39

Visit rspro.com to order today!

PT1000 PROBE

- PT1000 element in a 4.0mm diameter 316 stainless steel probe to IEC 751 Class B.
- 1m Teflon® insulated cable with twisted conductors.
- 2-wire configuration.
- Temperature range -50°C to +200°C.



123-5612	4mm x 40mm, 1m cable	£26.44
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INDUSTRIAL PT100 PROBES

- A range of PT100 multi-purpose temperature probes all housed in rigid 316 stainless steel sheaths.
- PT100 class B.
- 4 element with 4-wire output.
- Teflon insulated flexible lead - 1m or 2m.
- Choice of lengths and probe diameters.



362-9935	150mm x 3mm, 1m cable	£33.23
236-4261	150mm x 6mm, 1m cable	£36.47
236-4277	250mm x 6mm, 1m cable	£38.58
362-9941	250mm x 3mm, 1m cable	£37.35
123-5588	25mm x 4mm, 2m cable	£25.97
123-5597	125mm x 4mm, 2m cable	£27.62
123-5606	300mm x 6mm, 2m cable	£29.58

PT100 SELF ADHESIVE PATCH SENSORS

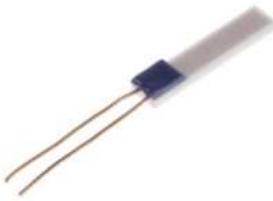
- Silicone rubber patch with self-adhesive foil backing.
- Good resistance to oils and chemicals.
- PT100 thin film sensor (class B).
- 4-wire PTFE lead.
- Patch dimensions 40 x 13mm.



285-661		£40.36
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FLAT FILM STANDARD & SLEEVED ELEMENTS

- Thin film Platinum detector elements are constructed of a deposited sensing layer of platinum on a ceramic substrate
- Available as PT100 or PT1000 resistance elements
- Quick thermal response while element is protected
- Ideal for constructing into a final product or assembly to allow temperature monitoring



611-7788	Pt100 2 x 5.0mm Class A	£4.56
611-7801	Pt100 2 x 5.0mm Class B	£3.62
362-9799	Pt100 2 x 10mm Class A	£5.00
237-1607	Pt100 2 x 10mm Class B	£7.15
362-9834	Pt100 2.0 x 2.3mm Class A	£4.22
362-9840	Pt100 2.0 x 2.3mm Class B	£3.31
666-7362	Pt100 1.2 x 1.6mm Class A	£6.11
666-7353	Pt100 1.2 x 1.6mm Class B	£4.94
666-7359	Pt100 1.0 x 3.0mm Class A	£5.73
666-7356	Pt100 1.0 x 3.0mm Class B	£4.71
362-9913	PT1000 2.0 x 10mm Class A	£3.84
362-9907	PT1000 2.0 x 10mm Class B	£6.41
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896-8395	PT100 5x50mm 3 wire, 1.5m cable	£11.32
896-8399	PT1000 5x50mm 2 wire, 1.5m cable	£10.55

TUBULAR CERAMIC ENCASED ELEMENTS

- 2 or 4-wire (solid or multi-stranded) thin film PT100 elements to BS1904 1984, class B
- The 4-wire types are supplied with fibre glass insulation sleeves
- Solid wire is made up from: 0.6mm diameter nickel conductor
- Multi-stranded is made up from: 7/0.2mm, insulated with PTFE



237-1657	35x5mm 2-wire, 1m	£18.04
237-1635	35x5mm 4-wire, 1m	£20.20
237-1629	35x5mm PCB tails	£18.36
237-1641	35x5mm 50mm wire ends	£15.54

PT100 & PT1000 COMPACT PROBES

- 5mm diameter and 50mm in length probes with stainless steel sheaths
- Choice of PT100 (100ohm) or PT1000 (1000ohm) Platinum resistance elements
- 2 wire configuration with -50 to 200°C range (Class B to IEC751)



PT100 CERAMIC WIRE-WOUND SENSORS

- Range of Pt100 (100 ohm) ceramic wire-wound platinum resistance Class B sensors
- High stability with 4 wire configuration
- 300mm, 500mm or 1000mm extended lead lengths (glass-fibre insulated)
- Suitable for -50 °C to +350 °C



110-4460	300mm	£24.73
110-4461	500m	£25.19
110-4462	1000mm	£26.72

PRT WITH KNE HEAD & TRANSMITTER

- Pt100 probe with KNE terminal head fitted with a 4-20mA transmitter
- Class B, 3 wire connection - conforms to IEC 751
- 150mm x 6.0mm diameter probes in 316 stainless steel
- Stainless steel 1/2" BSP X 6mm fitting
- IP67 aluminium alloy weatherproof connection head
- Sensor temperature rating -100°C to +450°C



PRT WITH COMPACT KNS HEAD

- Pt100 probe with KNS terminal head, Class B, with 4 wire connection
- 6.0mm diameter probes in 316 stainless steel - choice of lengths
- Stainless steel 1/2" BSP X 6mm fitting
- IP67 aluminium alloy weatherproof connection head
- Sensor temperature rating -100°C to +450°C



872-2717	100mm Probe	£51.67
872-2711	150mm Probe	£52.26
872-2720	200mm Probe	£52.84
872-2723	250mm Probe	£53.44
872-2727	300mm Probe	£54.01

PLATINUM RESISTANCE SENSORS - LEADED

- Pt100 and Pt1000 platinum resistance detectors choice of lead lengths
- Thin film construction, Class A or B
- Fast response time and vibration resistant
- Range of use from -50 °C to +260 °C



891-9145	Pt100 2x10 Class A 1000mm leads	£18.46
891-9141	Pt100 2x10 Class A 500mm leads	£16.39
891-9148	Pt100 2x10 Class A 300mm leads	£15.56
891-9132	Pt100 2x10 Class B 300mm leads	£13.75
891-9135	Pt100 2x10 Class B 500mm leads	£14.12
891-9154	Pt1000 2x10 Class B 300mm leads	£14.15
891-9157	Pt1000 2x10 Class B 500mm leads	£14.70
891-9151	Pt1000 2x10 Class B 1000mm leads	£16.03

PRT WITH DIN B HEAD

- PT100 4-wire class B platinum resistance sensor (RTD / PRT) terminated in a standard DIN B Head
- Choice of probe lengths available
- 6.0mm probe diameter in 316 stainless steel
- Stainless steel plug (no thread)
- Sensor temperature rating -100°C to +450°C
- Conforms to IEC 751



872-2736	6mm x 100mm	£51.23
872-2739	6mm x 150mm	£51.80
872-2733	6mm x 200mm	£52.41
872-2742	6mm x 250mm	£52.98
872-2745	6mm x 300mm	£53.58
872-2749	6mm x 500mm	£55.89

INDUSTRIAL PT100 PROBES

- PT100 element (to BS1904, class B 100Ω @ 0°C) in 316 stainless steel sheath
- 4 Wire configuration
- Rigid stainless steel probe - choice of lengths & diameters
- Teflon® insulated flexible lead
- Temperature range -50 to +200°C



123-5583	3mm x 25mm 2 mtr cable	£35.20
123-5584	3mm x 50mm 2 mtr cable	£35.61
123-5585	3mm x 100mm 2 mtr cable	£36.45
123-5586	3mm x 125mm 2 mtr cable	£36.83
123-5587	3mm x 150mm 2 mtr cable	£37.22
123-5589	4mm x 50mm 2 mtr cable	£26.17
123-5590	4mm x 100mm 2 mtr cable	£26.86
123-5591	4mm x 150mm 2 mtr cable	£27.51
123-5592	4mm x 200mm 2 mtr cable	£28.19
123-5607	4mm x 25mm 1 mtr cable	£24.78
123-5608	4mm x 40mm 1 mtr cable	£24.96
123-5609	4mm x 65mm 1 mtr cable	£22.84
123-5593	4mm x 25mm 2 mtr cable	£26.02
123-5594	4mm x 50mm 2 mtr cable	£23.78
123-5595	4mm x 75mm 2 mtr cable	£26.83
123-5596	4mm x 100mm 2 mtr cable	£27.21
123-5598	4mm x 150mm 2 mtr cable	£28.02
123-5599	4mm x 200mm 2 mtr cable	£28.82
123-5600	6mm x 50mm 2 mtr cable	£26.17
123-5601	6mm x 75mm 2 mtr cable	£26.55
123-5602	6mm x 100mm 2 mtr cable	£26.86
123-5603	6mm x 125mm 2 mtr cable	£27.24
123-5604	6mm x 150mm 2 mtr cable	£27.53
123-5605	6mm x 200mm 2 mtr cable	£28.22

HYGIENIC PT100 PROBES WITH TERMINAL HEAD

- Hygienic Pt100 resistance thermometers ideal for hygienic processes including dairy, brewery and pharmaceutical applications
- Choice of either RJT style union or Tri-Clamp fittings
- RJT unions (Ring Joint Type) are often referred to as a standard union
- Pt100, 3 or 4 wire single element class A
- Uses a KNEF terminal head which can accommodate a transmitter if required



872-2764	6.0 x 75mm - RJT	£121.16
872-2767	6.0 x 125mm - RJT	£121.66
872-2773	6.0 x 75mm - Tri-Clamp	£92.07
872-2777	6.0 x 125mm - Tri-Clamp	£37.70

THERMOCOUPLE EXTENSION LEADS

- Extension Leads, PFA/SSOB/PFA
- Fitted with plug & socket, and available in both standard & miniature sizes
- Thermocouple extension types for K
- Conductors PVC insulated and twisted together, stainless steel braided screen, overall PFA sheath
- Cables with good mechanical strength and flexibility. Resistant to oils, acids and other adverse fluids
- Insulation rating -75°C to 260°C
- Colour code (cores & jacket) to IEC 584
- General purpose connectors
- Polarised contacts for correct connection



779-9697	2m with Miniature K type	£24.24
779-9707	5m with Miniature K type	£29.29

PROBE GLANDS

- Corrosion-resistant BSP-threaded male thermocouple compression glands available to fit a wide range of temperature sensor probe sizes
- Male in-line brass and stainless steel compression type with nut & olive
- 1/8", 1/4" & 1/2" BSP parallel or BSPT tapered threads available
- Suits 10mm, 15mm, 3.0mm, 4.0mm, 4.5mm, 6.0mm, 8.0mm, 1/8", 1/4" or 3/16" probe diameters



PRESSURE SENSING

PRESSURE TRANSDUCERS - IND SERIES

- The IND series is suitable for use in a wide range of industrial pressure sensing applications
- The devices uses a piezo-resistive ceramic sensor within a stainless steel body with Viton seals, giving excellent media compatibility
- Accuracy $\pm 0.25\%$ FS BFSL
- Various outputs including mV, Volts and mA and pressure ranges from -1 to 400 bar
- Each device is temperature compensated, calibrated and supplied with a traceable serial number and calibration certificate



797-4989	0-1 Bar G 0 - 100mV	£135.67
797-4983	0-1 Bar G 4 - 20mA	£135.67
797-5043	0-1 Bar G 0 - 5V	£142.81
797-5009	0-6 Bar G 0 - 100mV	£135.67
797-5011	0-6 Bar G 4 - 20mA	£135.67
797-5046	0-6 Bar G 0 - 5V	£142.81
797-5024	-1 to +9 Bar G 4 - 20mA	£135.67
797-4970	-1 to +9 Bar G 0 - 5V	£142.81
797-4992	0-10 Bar G 0 - 100mV	£135.67
797-5018	0-10 Bar G 4 - 20mA	£135.67
797-5037	0-10 Bar G 0 - 5V	£142.81
797-4964	0-16 Bar G 0 - 100mV	£135.67
828-5741	0-16 bar G 4-20mA	£101.98
828-5745	0-16 bar G 0-5V	£101.98
797-4999	-1 to +24 Bar G 4 - 20mA	£142.81
797-4961	-1 to +24 Bar G 0 - 5V	£142.81
797-5052	0-25 Bar G 0 - 100mV	£135.67
797-5015	0-25 Bar G 4 - 20mA	£142.81
797-5030	0-25 Bar G 0 - 5V	£142.81
797-4977	0-40 Bar G 0 - 100mV	£135.67
797-5027	0-40 Bar G 4 - 20mA	£142.81
797-5033	0-40 Bar G 0 - 5V	£142.81
797-4995	0-100 Bar G 0 - 100mV	£135.67
797-5021	0-100 Bar G 4 - 20mA	£142.81
797-5005	0-100 Bar G 0 - 5V	£142.81
797-5049	0-250 Bar G 0 - 100mV	£135.67
797-4967	0-250 Bar G 4 - 20mA	£142.81
797-4986	0-250 Bar G 0 - 5V	£142.81
797-5002	0-400 Bar G 0 - 100mV	£135.67
797-4955	0-400 Bar G 4 - 20mA	£142.81
797-4973	0-400 Bar G 0 - 5V	£142.81

ATEX PRESSURE TRANSMITTERS - IPS SERIES

- IPS series ATEX industrial pressure transducers are suitable for use in environments where explosive gases or vapours could be present
- A piezo-resistive ceramic sensor gives excellent media compatibility within a stainless steel housing with Viton seals
- A microprocessor-based amplifier, requiring no adjusting, gives stable outputs especially useful in electrically noisy conditions
- $\pm 0.25\%$ accuracy
- Pressure ranges from -1 to 400 bar
- DIN BSP $\frac{1}{4}$ " Process connection



102-4123	0-1bar G 4-20mA	£198.06
102-4124	0-1bar G 4-20mA	£176.37
102-4125	-1to+9bar G 4-20mA	£198.06
102-4126	0-10bar G 4-20mA	£176.37
102-4127	0-16bar G 4-20mA	£176.37
102-4128	-1 to +24bar G 4-20mA	£198.06
102-4129	0-25bar rG 4-20mA	£176.37
102-4130	0-40bar G 4-20mA	£176.37
102-4131	0-100bar G 4-20mA	£176.37
102-4133	0-400bar G 4-20mA	£176.37

ATEX PRESSURE TRANSMITTERS - IPSS SERIES

- The IPSS ATEX industrial pressure transducers offer an intrinsically safe, semi-flush pressure measuring device
- Perfect for pressure measurement in tanks, vessels and pipework within the petrochemical or other industries where flammable gases or dusts could be present in the atmosphere
- An microprocessor-based amplifier, requiring no adjusting, gives stable outputs
- Piezo-resistive thick film ceramic sensor
- Stainless steel body with Viton seals
- $\pm 0.25\%$ accuracy



102-4153	0-50mbar G 4-20mA	£340.30
102-4154	0-100mbar G 4-20mA	£269.06
102-4155	0-250mbar G 4-20mA	£269.06
102-4156	0-500mbar G 4-20mA	£269.06
102-4157	0-750mbar G 4-20mA	£269.06
102-4158	0-1000mbar G 4-20mA	£269.06
102-4159	0-500mbar Absolute 4-20mA	£392.00
102-4160	0-750mbar Absolute 4-20mA	£392.00
102-4161	0-1000mbar Absolute 4-20mA	£392.00



IWPT SERIES WIRELESS PRESSURE TRANSDUCER

- The IWPT series wireless pressure transducer is an effective replacement to a traditionally wired pressure transducer in inaccessible and expensive installation environments.
- It is easily paired to the compatible RS Pro IWR family of wireless receivers, thus offering a "plug and play" solution to your pressure measurement applications.
- The sensors uses a piezo resistive ceramic sensor mounted within a stainless steel housing giving excellent media compatibility for the harshest of applications.
- Pressure ranges from -1 to +400 bar gauge
- Up to 750 m line-of-site range (depending on receiver)
- Piezo-resistive thick film ceramic sensor with stainless steel body & Viton seals
- Five-year battery life at 10 second transmission update rate
- Simple DIL switch pairing with receiver



123-5243	0-50mbar	£456.98
123-5244	0-100mbar	£368.53
123-5245	0-250mbar	£368.53
123-5246	0-500mbar	£368.53
123-5247	0-750mbar	£368.53
123-5248	0-1000mbar	£368.53
123-5249	0-500mbar	£538.01
123-5250	0-750mbar	£538.01
123-5251	0-1000mbar	£538.01
123-5232	0-1barG	£285.42
123-5233	0-6barG	£254.15
123-5234	-1-6barG	£285.42
123-5235	0-10barG	£254.15
123-5236	0-16barG	£254.15
123-5237	-1-24bar	£285.42
123-5238	0-25barG	£254.15
123-5239	0-40barG	£254.15
123-5240	0-100barG	£254.15
123-5241	0-250bar	£254.15
123-5242	0-400bar	£249.17

PRESSURE TRANSDUCERS / TRANSMITTERS

- Semi-flush mounting one piece stainless steel body
- Multipurpose, high performance, with a $\frac{1}{4}$ " process connection
- Temperature compensated, with a -40 to +100/125°C transmitter / transducer range
- +/- 0.25% accuracy
- 2x rated overpressure up to 250mbar



828-5754	0-100mbar G 4-20mA	£2174.3
828-5757	0-500mbar G 4-20mA	£203.97
828-5763	0-5bar G 4-20mA	£157.22
828-5767	0-10b G 4-20mA	£157.22
828-5814	-1 to +5bar G 4-20mA	£157.22

IWR SERIES WIRELESS RECEIVER

- The IWR wireless receiver is designed to pair with the IWPT wireless pressure transducers.
- This pairing offers an effective pressure measurement solution for inaccessible installation environments.
- The receiver has a user selectable voltage or mA output corresponding to the calibrated pressure range of the remote wireless pressure transducer
- It also offers a 5A rated changeover contact for alarm functionality
- User configuration is possible, however the single channel receiver is designed to work out of the box offering a simple plug and play solution.
- Single or Five channel options
- User-selectable 1 to 5 V or 4 to 20 mA receiver output
- Clear contact output for process, low battery or loss of signal alarm function
- Simple software or DIL switch pairing with IWPT pressure transducers
- Up to 750 m range, line-of-sight
- 12 V dc to 32 V dc powered
- End-to-end accuracy of $\pm 0.25\%$ FS BFSL
- LED indication of wireless link



123-5252	1 channel	£169.15
123-5253	5 channel	£220.15

PRESSURE TRANSDUCERS / TRANSMITTERS

- One piece stainless steel body offering a $\frac{1}{4}$ " process connection
- Multipurpose, high performance, reliable - a good all round low cost pressure sensor
- Temperature compensated, with a -40 to +100/125°C transmitter / transducer range
- +/- 0.25% accuracy
- 2x rated overpressure up to 250mbar



828-5701	0-50mbar G 0.5-4.5V	£149.49
828-5713	0-100mbar G 0.5-4.5V	£149.49
828-5726	0-250mbar G 0.5-4.5V	£149.49
828-5707	0-50mbar G 4-20mA	£185.34
828-5710	0-100mbar G 4-20mA	£149.49
828-5717	0-250mbar G 4-20mA	£149.49
828-5729	0-500mbar G 4-20mA	£149.49
828-5739	0-1000mbar G 4-20mA	£149.49

K3 PRESSURE SWITCHES

- Pressure switches that are adjustable via a screw located in the centre of the instrument
- Incorporates a mechanical stop providing over-pressure protection for spring and microswitch
- DIN 43650 connector
- IP65 protection
- 5A @ 250 Vac rated switch
- Temperature Range (-20 to +80 °C)
- Further range of pressure switches available see elsewhere in catalogue



363-5968	1-10 bar	£46.25
363-5980	5-50 bar	£51.79
363-5996	10-100 bar	£51.79
363-6006	30-250 bar	£51.79

OPTICAL INCREMENTAL RSI 58MM ENCODERS

- Robust optical encoders for industrial use, housed in a die cast aluminium casing with powder coating
- Up to 5000 PPR by use of high grad electronics
- Protection to IP67 shaft sealed to IP65
- High electrical immunity
- Full connection protection with 10 VDC up to 30 VDC
- Operating temperature: -20 °C to +80 °C
- Stainless steel shaft - Ø 6mm
- Cable or SCB radial, 8-pin connector options



795-0965	200PPR, 5 - 30 VDC, Connector 8-pin	£156.12
795-0977	360PPR, 5 - 30 VDC, Connector 8-pin	£156.12
795-0971	500PPR, 5 - 30 VDC, Connector 8-pin	£156.12
795-0980	512PPR, 5 - 30 VDC, Connector 8-pin	£156.12
795-0983	1024PPR, 5 - 30 VDC, Connector 8-pin	£156.12
795-0987	2048PPR, 5 - 30 VDC, Connector 8-pin	£162.29
795-0993	5000PPR, 10 - 30 VDC, Connector 8-pin	£174.62
795-1006	50PPR, 10 - 30 VDC, Cable	£156.12
795-1009	200PPR, 10 - 30 VDC, Cable	£156.12
795-1003	256PPR, 10 - 30 VDC, Cable	£156.12
795-1012	360PPR, 10 - 30 VDC, Cable	£156.12
795-1019	512PPR, 10 - 30 VDC, Cable	£156.12
795-1028	1024PPR, 10 - 30 VDC, Cable	£156.12
795-1021	2048PPR, 10 - 30 VDC, Cable	£162.29
795-1025	3600PPR, 5 - 30 VDC, Cable	£162.29
795-1034	4096PPR, 5 - 30 VDC, Cable	£174.62
795-1037	5000PPR, 5 - 30 VDC, Cable	£174.62

TEMPERATURE STRIPS & ACCESSORIES

6 LEVEL TEMPERATURE SENSITIVE STRIPS

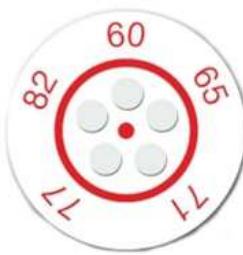
- Suitable for use in high voltage switching, motors, cable overheat detection and wave soldering
- Marked in °F and °C
- Packs of 10



285-914	29-42°C Range	£8.79
285-920	44-62°C Range	£8.79
285-936	65-93°C Range	£8.79
285-942	99-127°C Range	£8.79
285-958	132-160°C Range	£8.79

CLOCK INDICATORS

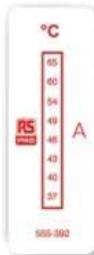
- Temperature sensitive labels with 5 steps on each label
- Designed for use on heatsinks attached to thyristors and transistors or other power electronics
- Packs of 10



285-970	60-82°C Range	£9.91
285-986	88-110°C Range	£9.91

8 LEVEL TEMPERATURE SENSITIVE STRIPS

- Suitable for use in high voltage switching, motors, cable overheat detection and wave soldering
- Marked in °F and °C
- Packs of 10



555-392	37-65°C Range	£11.74
555-409	71-110°C Range	£11.74
555-415	116-154°C Range	£11.74
555-421	160-199°C Range	£11.74
555-437	204-260°C Range	£11.74

10 LEVEL TEMPERATURE SENSITIVE STRIPS

- Temperature test strips will permanently record the highest bracketed temperature reached by the label
- These temperature sensitive labels can be applied to most metals and plastics
- Measures in both °C and °F
- ± 1% accuracy
- Dimensions 51mm x 18mm
- Packs of 10



779-9779	40-71°C 104-160°F	£11.07
779-9772	77-127°C 171-261°F	£11.07
779-9776	132-182°C 270-360°F	£11.07
779-9785	188-249°C 370-480°F	£11.07

11 LEVEL VERTICAL TEMPERATURE STRIPS

- Self-adhesive 11 level indicator labels in the format of a traditional thermometer
- Ideal for preventative maintenance checks to ensure overheating is not taking place
- The temperature is indicated by the highest red segment
- 2 to 3 minutes for a correct reading
- Accuracy +/- 1°C
- Size – 51mm high, 18mm wide
- Packs of 10



906-4599	0-50°C - 11 levels	£11.76
906-4609	50-100°C - 11 levels	£11.76

COLD CHAIN TEMPERATURE INDICATOR LABEL

- Cold chain temperature labels ideal for monitoring the temperature in a fridge or cold room containing sensitive medical products
- A blue triangle indicates that the temperature is below 2 °C
- When the blue and red triangle is indicated then the temperature is between 2 and 8 °C
- Self-adhesive
- Dims: 40mm high, 96mm wide
- Accuracy +/- 1 °C
- Packs of 10



906-4606	Cold chain indicator reversible strips	£26.99
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12 LEVEL HORIZONTAL FRIDGE THERMOMETER TEMPERATURE INDICATOR

- 12 Level self-adhesive fridge Thermometer
- Use inside refrigerators to ensure food or medicines are stored at the correct temperatures
- If only a blue colour is indicated then the fridge is too cold, temperature is ideal when the green area is indicated
- Dims: 10mm high and 90mm wide
- Accuracy +/- 1°C
- Packs of 10



906-4612	1-12°C Fridge Temperature Strip	£18.64
906-4618	10-32°C Room Temperature Strip	£14.80

HAND HOT INDICATORS

- Hand hot 50°C, Reversible



3 COLOUR TRAFFIC LIGHT INDICATOR LABELS

- Three colour traffic light temperature indicator label with self-adhesive backing which is suitable for most surfaces
- Uses a liquid crystal system to display a different colour according to the temperature it senses
- This temperature sensitive indicator is ideal for use as part of a maintenance program to warn the user of any overloads on electrical equipment, overheating and moving parts
- Dims – 52mm high, 48mm wide
- Accuracy +/- 2°C
- Packs of 10



906-4602	Traffic light Temperature Indicator	£18.03
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TYPE J MINIATURE PLUGS AND SOCKETS

- Type J Black thermocouple plugs & sockets with polarised contacts
- Connectors accept thermocouple cable to 4mm in diameter
- Cable clamp available for securing cable to connectors
- Colour coded in accordance with IEC specification
- Operating temperature +220°C maximum



455-9691 Panel socket	£3.19
455-9708 Socket 4mm cable	£2.31
455-9506 Socket 4mm cable	£4.39
455-9714 Plug 4mm cable	£2.41
455-9720 Panel socket + bracket	£5.08

TYPE R MINIATURE PLUGS AND SOCKETS

- Type R Orange thermocouple plugs & sockets with polarised contacts
- Connectors accept thermocouple cable to 4mm in diameter
- Cable clamp available for securing cable to connectors
- Colour coded in accordance with IEC specification
- Operating temperature +220°C maximum



455-9871 Panel socket	£3.19
455-9859 Socket 4mm cable	£2.31
455-9887 Plug 4mm cable	£2.41

TYPE K MINIATURE PLUGS AND SOCKETS

- Type K Green thermocouple plugs & sockets with polarised contacts
- Connectors accept thermocouple cable to 4mm in diameter
- Cable clamp available for securing cable to connectors
- Colour coded in accordance with IEC specification
- Operating temperature +220°C maximum



455-9742 Panel socket	£3.19
455-9758 Socket 4mm cable	£2.31
455-9764 Plug 4mm cable	£2.26
455-9786 Plug & socket	£5.35
455-9792 Panel socket + bkt	£5.08

TYPE T MINIATURE PLUGS AND SOCKETS

- Type T Brown thermocouple plugs & sockets with polarised contacts
- Connectors accept thermocouple cable to 4mm in diameter
- Cable clamp available for securing cable to connectors
- Colour coded in accordance with IEC specification
- Operating temperature +220°C maximum



455-9900 Panel socket	£3.19
455-9916 Socket 4mm cable	£2.31
455-9922 Plug 4mm cable	£2.41
455-9938 Plug & socket	£5.62
455-9944 Panel socket + bracket	£5.08

TYPE N MINIATURE PLUGS AND SOCKETS

- Type N Pink thermocouple plugs & sockets with polarised contacts
- Connectors accept thermocouple cable to 4mm in diameter
- Cable clamp available for securing cable to connectors
- Colour coded in accordance with IEC specification
- Operating temperature +220°C maximum



455-9815 Panel socket	£3.19
455-9821 Socket 4mm cable	£2.31
455-9843 Plug 4mm cable	£2.41

TYPE K MINIATURE PLUGS AND SOCKETS

- Type K Yellow thermocouple plugs & sockets with polarised contacts
- Connectors accept thermocouple cable to 4mm in diameter
- Cable clamp available for securing cable to connectors
- Colour coded in accordance with IEC specification
- Operating temperature +220°C maximum



455-9512 Socket 4mm cable	£3.79
455-9534 Plug 4mm cable	£3.79
455-9540 Plug & socket	£7.12

TYPE T MINIATURE PLUGS AND SOCKETS

- Type T Blue thermocouple plugs & sockets with polarised contacts
- Connectors accept thermocouple cable to 4mm in diameter
- Cable clamp available for securing cable to connectors
- Colour coded in accordance with IEC specification
- Operating temperature +220°C maximum



455-9562 Socket 4mm cable	£3.74
455-9578 Plug 4mm cable	£3.74
455-9584 Plug & socket	£7.22

STANDARD QUICK-WIRE CONNECTORS

- Standard connector with solid round plug pins. Available in thermocouple types K, J, T, E, N, R/S, B and Copper. Their contacts are polarised to prevent incorrect connection.
- Standard format In-Line Plugs and Sockets
- Rapid termination, no terminal cover to remove, just push in wire and tighten screw
- Operating temperature +220 °C max
- Socket & plugs are sold separately
- For Types K, J, T, E & N contacts are made from true Thermocouple alloys
- R/S type has compensating copper/copper nickel alloy contacts (for R or S Type Thermocouples)
- B type has compensating copper/copper contacts (for B Type Thermocouples)
- Colour coded in accordance with IEC specification



362-9991 Type K Green quick wire plug 2mm cable	£4.32
363-0008 Type K Green quick wire socket 2mm cable	£4.32

STANDARD THERMOCOUPLE PLUGS & SOCKETS

- Standard size in-line thermocouple plugs & sockets
- Stainless steel panel mounting bracket with panel sockets
- Operating temperature +220°C max



456-0102 Type K Green panel socket inc bracket	£6.90
455-9966 Type J Black in line plug 6.5mm cable	£3.90
455-9988 Type K Green in line plug 6.5mm cable	£3.90
455-9950 Type J Black in line socket 6.5mm cable	£3.90
455-9972 Type K Green in line socket 6.5mm cable	£3.90

THERMOCOUPLES

TYPE J AND K ADJUSTABLE BAYONET AND ADAPTOR

- 6mm x 170mm spring cable probe with adjustable fixing cap
- Grounded junction
- 2m of 7/0.2mm cable
- Response time 2s
- Temperature range 0 to +350°C



259-328	Type J bayonet (1/8,11.3mm)	£19.33
259-334	Type K bayonet (1/8,11.3mm)	£21.70

TYPE K OR T THERMOCOUPLES WITH CABLE TIDY

- Range of precision fine wire thermocouples with fitted miniature connector
- Integral cable tidy allows cable to be stored in a convenient and safe manner to avoid wire breaks
- Ideal and convenient for scientific and industrial test & measurement applications.
- High Sensitivity
- Class 1 wire
- PFA insulated
- Rated 220°C continuous



110-4463	Type K, 1m cable - PFA Twisted Pair	£16.26
110-4464	Type K, 1m cable - PFA Flat Pair	£19.24
110-4465	Type T, 1m cable - PFA Twisted Pair	£17.31
110-4466	Type T, 1m cable - PFA Flat Pair	£17.99
110-4467	Type K, 2m cable - PFA Twisted Pair	£18.74
110-4468	Type K, 2m cable - PFA Flat Pair	£20.18
110-4470	Type T, 2m cable - PFA Flat Pair	£19.22
110-4472	Type K, 2m cable - Twisted Pair	£18.81

TYPE K PVC THERMOCOUPLE EXTENSION LEADS

- Pre-terminated with plugs or sockets
- Ideal for general purpose use and offer a flexible and waterproof round cable
- PVC insulated with IEC colour coding
- 7/0.2mm conductors
- Tolerance class 2
- 220°C continuous operating temperature



110-4481	2m miniature socket to socket	£16.86
110-4482	2m miniature plug to free end	£7.26

GLASS FIBRE EXPOSED WELDED TIP THERMOCOUPLES

- Type K with bare wire
- Specially designed for test and development applications



TYPE J EXPOSED JUNCTION THERMOCOUPLES

- Various range of Thermocouples with fitted miniature plug and insulated leads
- Ideal for test and development applications
- IEC Standard - 1/0.2mm Thermocouple



123-6310	10m cable - PTFE	£15.05
123-6327	10m cable - PFA	£15.68
123-6325	1m cable - PFA	£6.24
123-6326	2m cable - PFA	£9.11
123-6309	5m cable - PTFE	£10.18

DURABLE TYPE K EXPOSED WELDED TIP THERMOCOUPLES

- Various types of exposed junction thermocouples with fitted miniature plug and insulated leads, ideal for test and development applications.
- IEC 584 Standard
- Fast response, welded exposed junction
- Durable Teflon construction with miniature plug termination
- Temperature range -75 to +250 °C
- Ideal for test & development applications



123-6318	1m cable - PFA	£6.35
123-6319	2m cable - PFA	£7.95
123-6317	10m cable - Glassfibre	£25.56
123-6316	1m cable - Glassfibre	£13.40
123-6323	2m cable - PFA	£7.67
123-6306	5m cable - PTFE	£10.47
123-6307	10m cable - PTFE	£16.03
123-6320	1m cable - PFA	£6.88
123-6321	2m cable - PFA	£11.83

DURABLE TYPE T EXPOSED WELDED TIP THERMOCOUPLES

- IEC 584 standard
- Fast response, welded exposed junction
- Durable Teflon construction with choice of conductor size, 1/0.315mm solid or 7/0.2mm stranded
- Miniature plug termination
- Temperature range -75 to +250 °C
- Ideal for test & development applications



123-6328	1m cable - PFA	£4.39
123-6329	2m cable - PFA	£6.23
123-6311	2m cable - PTFE	£6.58
123-6331	2m cable - PFA	£10.32
123-6312	5m cable - PTFE	£9.50
123-6313	10m cable - PTFE	£14.38

HEAVY DUTY THERMOCOUPLE, TYPE J & K

- Stainless steel 316 probe with a silver soldered tip
- 4.5 mm diameter x 150 mm
- Option of bare tails or standard plug termination with cable clamps
- Response time 1.25 s (max)
- 2 m 7/0.2 mm glass fibre insulated cable with stainless steel braided
- Grounded measuring junction
- Temperature range: -60 to +350 °C



131-4747	Type J	£25.19
131-4748	Type K	£27.83

HIGH TEMPERATURE GLASS FIBRE EXPOSED WELDED TIP THERMOCOUPLES

- Thermocouple type K (ANSI) with fast response, welded exposed junction
- 5, 10 or 20 metre long high temperature glass fibre insulated twisted cable
- Good temperature resistance (not suitable in fluids)
- 1/0.711 mm conductors (21awg)
- Temperature range 0°C to +700°C
- Tolerance to ANSI MC96.1 Class 2
- Colour code to ANSI MC96.1
- Ideal for test and development applications



131-4749	5m cable	£31.63
131-4750	10m cable	£44.12
131-4751	20m cable	£70.65

TYPE K EXPOSED JUNCTION THERMOCOUPLE

- IEC 584
- Welded exposed junction
- Class 1 cable specification in accordance with BS EN 60584-3:2008; Tolerance to IEC 584 Class 1; Miniature plug termination, Temperature range -75°C to +250°C



136-5885	1m - 1/0.3mm PFA flat	£8.95
136-5886	2m - 1/0.3mm PFA flat	£10.39
136-5887	3m - 1/0.3mm PFA flat	£10.29
136-5888	5m - 1/0.3mm PFA flat	£12.80
136-5889	1m - 1/0.5mm PFA flat	£11.06
136-5890	2m - 1/0.5mm PFA flat	£14.09
136-5891	3m - 1/0.5mm PFA flat	£15.58
136-5892	5m - 1/0.5mm PFA flat	£21.26
136-5893	10m - 1/0.5mm PFA flat	£35.45

HEAVY DUTY THERMOCOUPLE, TYPE J

- Stainless steel 316 probe with a silver soldered tip
- 4.5 mm diameter x 150 mm
- Response time 1.25 s (max)
- 2 m 7/0.2 mm glass fibre insulated cable with stainless steel braided
- Grounded measuring junction
- Temperature range: -60 to +350 °C



TYPE K FLEXIBLE & RIGID THERMOCOUPLE PROBES

- Mineral insulated with either flexible or rigid sheath can be bent/form to suit many applications and processes
- 2.0mm diameter fast response probe
- Insulated hot junction
- Probe temperature range -40°C to +1100°C
- Colour coded to IEC 584



136-5894	2.0mm x 150mm flexible probe	£22.12
136-5895	2.0mm x 250mm flexible probe	£22.55
136-5896	2.0mm x 150mm rigid probe	£23.86
136-5898	2.0mm x 250mm rigid probe	£24.29

TYPE K BUTTON MAGNET THERMOCOUPLE

- A powerful magnetic disk type K thermocouple capable of being attached to any ferromagnetic surface. The thermocouple junction is spring loaded to ensure good contact.
- ½ in button magnet thermocouple
- Ideal for ferrous metal surface measurement
- Spring loaded junction to ensure good contact
- 1 or 2-metre-long Teflon® insulated twin-twisted wires
- Temperature range -50 to 250°C



236-4255		£33.89
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TYPE K INDUSTRIAL MINERAL INSULATED PROBE

- Flexible, stainless steel sheath
- M8 x 1.0 thread
- 100mm long flying lead and an 8mm threaded pot



219-4359	1mm x 1m	£24.88	363-0250	Type K PTFE 1m	£5.60
219-4365	1.5mm x 0.5m	£15.92	363-0266	Type T PTFE 1m	£5.62
219-4393	3mm x 1m	£18.66	363-0294	Type K Glassfibre 2m	£8.13

TYPE K MINERAL INS. PROBE

- Rugged and flexible, with insulated (non-grounded) tip
- Maximum tip temperature 1100°C
- 1M plain long lead



397-1236	1.5 x 150mm	£18.46
397-1258	1.5 x 250mm	£18.91
397-1264	3 x 150mm	£19.91
397-1270	3 x 250mm	£20.98
397-1286	6 x 150mm	£23.40

TYPE K MINERAL INSULATED PROBE WITH MINIATURE PLUG

- 150 and 250mm versions
- Particularly suitable for industrial use including, high pressure, high vacuum and high vibration applications
- Tip Junction insulated from the sheath.
- Stainless steel (310)
- Temp range: probe 0 to +1100°C, plug 220°C (max)
- Bendable for fitting in difficult access locations



397-1450	1.5 x 150mm	£14.17
397-1488	3 x 150mm	£15.78
397-1494	3 x 250mm	£18.33

EXPOSED JUNCTION THERMOCOUPLES

- Various types of exposed junction thermocouples with fitted miniature plug and insulated leads
- Ideal for test and development applications



PFA INSULATED THERMOCOUPLE TYPE K

- Fine gauge exposed welded tip and PTFE coated
- 1000mm long
- Maximum operating temperature 260°C
- ANSI standard
- Two solid strands of 0.075mm diameter wire, braided to ensure a fast reacting junction



397-1589		£14.14
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TYPE K FINE WIRE THERMOCOUPLES

- A simple PTFE thermocouple wire complete with a moulded plug
- The probe is often used as an embedded sensor in construction, paper electronic and packaging industries
- Exposed thermocouple junction at one end
- Moulded thermocouple termination plug
- Total encapsulation technique for maximum strength and durability



409-4908 PTFE 1M

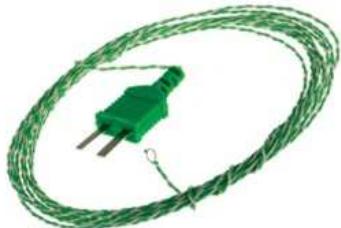
£6.02

409-4920 Fibreglass 1M

£6.95

TYPE K FINE WIRE THERMOCOUPLE

- A simple PTFE thermocouple wire complete with a moulded plug
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- Exposed thermocouple junction at one end
- Moulded thermocouple termination plug
- Total encapsulation technique for maximum strength and durability



479-1788 3m -50to250degC

£8.52

TYPE K WELDED TIP PTFE INSULATED

- These are hot junction grounded and supplied as a 1000mm length



621-2158 PTFE insulated

£16.66

621-2170 Glass insulated

£6.41

TYPE J AND K ADJUSTABLE BAYONET AND ADAPTOR

- 6 x 170mm spring cable probe with adjustable fixing cap
- Grounded junction
- 2m of 7/0.2mm cable
- Response time: 2 seconds
- Temperature range from 0 > +350°C



TYPE J LEAF

- Grounded junction mounted on 25x13x0.15mm stainless steel shim
- 2m of 7/0.2 PVC insulated stainless steel braided extension cable
- Temperature range 0 to +350°C



621-2237

£19.33

621-2221 Type K bayonet

£21.70

TYPE J AND K SELF ADHESIVE - RS

- Operating temperature range 0 to 200°C
- 1m of 1/0.2 PTFE insulated twisted pair cable
- Supplied with 5 fixing adhesive bands



621-2287

£10.19

TYPE K PROBE AND KNE TERMINAL HEAD ASSEMBLY C/W PROCESS CONNECTION

- 3 mm stainless steel sheath
- Insulated tip junction along with 1M cable
- Aluminium IP67 terminal head
- ½ in. BSP(P) process connection
- Screw lead with retaining chain
- Terminal block is included
- Cable entry via M20 cable gland



621-2338 150mm Probe

£64.48

621-2366 500mm Probe

£75.59

TYPE J AND K WASHER - RS

- Grounded junction
- 6mm diameter hole
- 2m of glass fibre insulated, stainless steel braided cable
- Max. temperature +350°C



TYPE J AND K PROBES AND KNE TERMINAL HEAD ASSEMBLY - PUSH IN PROCESS

- 200, 400 and 600mm versions
- 6 mm stainless steel sheath
- Insulated tip junction
- Aluminium IP67 terminal head
- Push in process via probe glands and flange
- Screw lead with retaining chain
- Compensating terminal block is included
- Cable entry via M20 cable gland



621-2401 6 x 200mm

£61.31

621-2423 6 x 400mm

£65.83

621-2445 6 x 600mm

£71.83

TYPE K ANSI PFA WELDED TIP THERMOCOUPLES

- Fast response and highly durable
- Available in 1 or 2 metre lengths
- Supplied with miniature plug termination
- Ideal for test & development applications



814-0131	1/0.2mm 2m cable - PFA	£6.33
814-0134	1/0.3mm 2m cable - PFA	£6.55
814-0137	1/0.2mm 1m cable - PFA	£5.89
814-0147	1/0.3mm 1m cable - Fibreglass	£6.44
814-0156	1/0.3mm 2m cable - Fibreglass	£7.33

TYPE K MINERAL INSULATED THERMOCOUPLES WITH FLEXIBLE CABLE END

- Sheathed with mineral insulation and flexible cable end
- Hot junction ungrounded



824-0635	100mm 1.0mm	£24.66
824-0641	500mm 1.0mm	£26.24
824-0647	250mm 1.0mm	£25.27
824-0669	1000mm 1.5mm	£29.35
824-0672	2000mm 1.5mm	£35.67
824-0679	250mm 3mm	£27.08
824-0688	500mm 3mm	£39.60

TYPE K IND. MINERAL INSULATED THERMOCOUPLES WITH 1M LEAD & TAILS

- Mineral insulated Thermocouple to ANSI MC96.1
- Insulated hot junction
- Highly flexible, sheath can be bent/formed to suit many applications and processes
- 1m 7/0.2mm PFA Teflon® insulated flat pair cable and tails



847-1031	3x150mm Yellow, Yellow/White	£20.06
847-1154	3x250mm Yellow, White	£16.14
847-1148	3x1000mm Yellow, White	£20.81
847-1157	3x150mm Yellow, White	£15.81

TYPE K IND. MINERAL INSULATED THERMOCOUPLES WITH THREADED POT & TAILS

- ANSI mineral insulated thermocouples
- Probe temperature range -40°C to +1100°C



847-1132	1.5x150mm Yellow, White	£13.98
847-1144	1.5x500mm Yellow, White	£18.10
847-1037	1.5x500mm Yellow, Yellow/White	£18.76
847-1025	1.5x150mm Yellow, Yellow/White	£18.47

TYPE T MINERAL INSULATED THERMOCOUPLES

- Supplied with threaded pot and tails
- Specially designed to suit many applications and processes due to their high flexibility
- Various lengths of glass fibre insulated flat pair cable



891-9090	1.0 x 150mm L	£24.06
891-9094	1.0 x 250mm L	£24.53
891-9101	1.5 x 150mm L	£23.80
891-9107	1.0 x 1000mm L	£28.17
891-9110	1.5 x 250mm L	£24.14
891-9113	1.5 x 500mm L	£25.30
891-9123	3.0 x 500mm L	£26.45
891-9126	3.0 x 150mm L	£24.10
891-9129	3.0 x 250mm L	£24.65

TYPE J OR K GROUNDED THERMOCOUPLES

- Fabricated thermocouples probes of various diameters
- Type J or K thermocouples to IEC 584
- 316 stainless steel tube in various sizes
- Junction grounded at tip for fast response
- 2 metres of IEC glass fibre stainless steel overbraided cable
- Probe temperature range from -60°C to +350 °C



872-2802	Type J - 3.18 x 25mm L	£20.50
872-2806	Type J - 3.18 x 40mm L	£25.65
872-2503	Type K - 3.18 x 25mm L	£22.41
872-2512	Type K - 3.18 x 40mm L	£27.41
872-2519	Type J - 4.0 x 25mm L	£23.84
872-2528	Type J - 4.0 x 40mm L	£25.76
872-2525	Type K - 4.0 x 25mm L	£22.63
872-2534	Type K - 4.0 x 40mm L	£27.46
872-2559	Type K - 4.76mm x 25mm L	£22.58
872-2553	Type K - 4.76mm x 40mm L	£27.46
872-2562	Type K - 4.76mm x 75mm L	£23.02
872-2565	Type K - 4.76mm x 100mm L	£23.22

GLASS FIBRE EXPOSED WELDED TIP THERMOCOUPLES

- Specially designed for test and development applications
- Good temperature resistance (not suitable in fluids)
- Temperature sensed from -60°C to +350°C



872-2616	Type K - 1m	£8.03
872-2613	Type K - 5m	£22.21
872-2610	Type K - 10m	£17.66
872-2629	Type J - 1m	£7.18
872-2622	Type J - 5m	£9.97
872-2626	Type J - 10m	£13.45

RS L200 USB TC & PT DIGITAL THERMOMETER / DATA LOGGER

- Can be used in conjunction with a PC providing accurate temperature measurement
- Low cost and high performance with USB interface
- Self-calibration feature
- Display with LCD backlight



910-6817		£665.49
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PROBE GLANDS & SOCKETS



TYPE J THERMOCOUPLE

- General purpose, adjustable single slot cap with 2m of wire fitted.
- Supplied with 170mm spring cable protection, adjustable fixing cap and male bayonet adaptor
- Temperature range -60°C to +350°C (short periods up to 400°C)
- Suitable for the plastics industry



150-026 £19.80

THERMOCOUPLE EXTENSION CABLE

- For use with Type E thermocouples
- +Purple/-White conductors with purple sheath
- Insulation rating 0°C to 80°C



136-5863 10m £10.49
136-5864 25m £26.23

THERMOPOCKETS (316 GRADE)

- Stainless steel thermopockets of various sizes with 1/8" BSP-P/M fitting
- Designed for use with industrial style temperature probes
- Provides protection for the sheathing from corrosive media, and to facilitate probe replacement
- without disturbing the process



286-923	6x200mm L	£34.21	136-5852	1/8" NPT	£4.33
363-3007	6x100mm L	£32.74	136-5853	1/8" NPT	£3.64
363-3029	3x150mm L	£32.34	136-5854	1/8" NPT	£4.33
286-939	6x400mm L	£39.05	136-5855	1/8" NPT	£3.93

STAINLESS STEEL PROBE GLANDS

- Corrosion-resistant BSP-threaded male thermocouple compression glands available to fit a wide range of temperature sensor probe sizes
- Male in-line with nut & olive
- 1/8", 1/4" & 1/2" BSP parallel or BSPT tapered threads available
- Visit our website for more details



381-7334	1/8in BSPP 1.5mm ID	£6.79
381-7340	1/8in BSPP 3mm ID	£9.56
381-7362	1/4in BSPP 3mm ID	£8.89
381-7378	1/4in BSPP 6mm ID	£10.14
381-7407	1/4in BSPP 6mm ID	£16.41

NPT THREAD COMPRESSION GLANDS

- Corrosion resistant available to fit a wide range of temperature sensor probe sizes
- Male stainless steel compression
- Supplied with nut & olive



123-5576	1/8" NPT x 3.0mm	£10.65
123-5578	1/8" NPT x 6.0mm	£10.65
123-5567	1/4" NPT x 1.5mm	£6.13
123-5568	1/4" NPT x 3.0mm	£5.54
123-5572	1/4" NPT x 6.0mm	£5.54
123-5573	1/4" NPT x 8.0mm	£6.42
123-5559	1/8" NPT x 1.0mm	£3.50
123-5560	1/8" NPT x 1.5mm	£3.50
123-5561	1/8" NPT x 3.0mm	£3.39
123-5558	1/8" NPT x 4.0mm	£5.38
123-5563	1/8" NPT x 4.5mm	£4.68
123-5565	1/8" NPT x 6.0mm	£4.37

BRASS PROBE GLANDS

- Corrosion-resistant BSP-threaded male thermocouple compression glands
- Fits a wide range of temperature sensor probe sizes
- Male in-line with nut & olive
- Visit our website for more details



136-5852	1/8" NPT	£4.33
136-5853	1/8" NPT	£3.64
136-5854	1/8" NPT	£4.33
136-5855	1/8" NPT	£3.93

STANDARD PANEL SOCKETS

- Polarised, glass-filled polyester connectors for use with thermocouples, extension wires and compensating cables
- Fully compatible with products of the same type
- Maximum wire size 0.5mm²
- Washers included and Nylon clip for quick, simple fixing to panel
- Accepts standard round pin plug connectors



236-4104	Miniature Cable Clamps for Plug & Socket	£2.45
219-4949	Type K Green panel mount socket	£3.94
219-5009	Type J Black panel mount socket	£3.94
236-4160	Green K thermocouple connector spade	£32.22

12 WAY THERMOCOUPLE SELECTOR SWITCH

- Panel mounting selector unit in standard DIN sized case
- 12 inputs and 1 output
- Dimensions (WxHxD): 90 x 44 x 130 mm
- Panel cut out (HxW): 45 x 92 mm
- Clear indication of thermocouple selection



219-4602 £97.77

TEMPERATURE MEASURING KIT - TYPE K

- A kit comprising thermometer, sturdy carrying case and K type probes
- Fine wire thermocouple (409-4908), general purpose probe (342-9072), air probe (342-9050), needle probe (342-9094), surface spring probe (342-9123) and probe handle
- Ideal for general temperature measurement



AMBER XENON BEACONS

- Small profile with low power consumption
- Ideal for 12/24 V applications
- Sealed units offering IP56 protection



235-584	ZW	£34.79
236-111	6W	£39.04

MINIATURE XENON BEACONS

- Units are only 45mm high and available as a 1W, 2W or 5W version
- Ideal for vehicular and industrial applications, where protection rating or limited space is an issue
- Sealed units offering IP67 protection, and supplied fitted with either an amber or red lens



235-916	1W Amber	£18.07
235-922	1W Red	£18.07
236-199	2W Amer	£18.97
235-900	2W Red	£18.97
236-177	5W Amber	£24.44
236-183	5W Red	£24.44

MULTI-VOLTAGE XENON BEACONS

- Rugged and compact, this low current consumption beacon, is weatherproof to IP56 with a broad voltage range
- Ideal for battery powered vehicles such as forklift trucks
- Operating temperature range: -30°C to + 50 °C
- 130mm height



235-944	2W Green	£24.10
235-966	2W Blue	£24.10
235-972	2W Red	£24.10
236-133	2W Amber	£24.10

LED WARNING LIGHT MODULES

- Dual voltage LED warning light modules
- Compatible with both 12V and 24V power systems and combine low power consumption with 15 flash patterns.
- 3 x LED light
- IP67 with sealed for life electronics
- Multiple units can be linked for synchronised / alternate flash
- Steady on function
- Polycarbonate lens and aluminium base



907-5955	Amber	£43.00
907-5959	Red	£43.00
907-5968	Green	£43.00

ANTI-VANDAL BUZZER

- Robust illuminated annunciations that have a intermittent buzz
- Impact resistance: IK04, Sealed to IP40
- Varnished stainless steel construction - screw termination



877-1832	16mm - Flush, 24Vdc	£10.88
877-1836	16mm - Flush, 12Vdc	£10.88

LOW PROFILE LED BEACON - EMC APPROVED

- EMC approved (IEC R10)
- Low profile design and fully encapsulated electronics
- 4 flash patterns (static, single, double, quad)



907-5961	Amber, Low Prof, 10-100Vdc	£30.22
907-5977	Amber, Low Prof, 110-230Vac	£33.89
907-5974	Green, Low Prof, 10-100Vdc	£30.22
907-5965	Red, Low Prof, 10-100Vdc	£30.22
907-5971	Red, Low Prof, 110-230Vac	£33.89

ILLUMINATED ANTI-VANDAL BUZZER

- Robust illuminated 19mm annunciations that have a coordinated intermittent flash / buzz
- Impact resistance: IK04
- IP40 or IP50 options
- Varnished stainless steel construction



877-1842	24Vdc, IP50	£12.61
877-1845	12Vdc	£12.78
877-1848	24Vdc	£12.78
877-1851	220Vac, IP50	£12.61

LED BEACON

- Screw mounted beacon, sealed for life against dust and moisture ingress
- 4 flash patterns
- 77mm dia x 95mm high



907-5980	Amber, 10-100Vdc	£38.71
907-5996	Amber, 110-230Vac	£38.71
907-5987	Green, 10-100Vdc	£38.71
907-5983	Red, 10-100Vdc	£38.71
907-5999	Red, 110-230Vac	£38.71

FLICKER 16MM INTERMITTENT BUZZER

- Buzzers provide audible & visual process indication solution
- All in one 16 mm panel mounting package
- Due to the combination design of the buzzers, applications where space is critical are well suited



877-2003	12Vdc	£8.17
877-2012	24Vdc	£8.37
877-2015	220Vac, IP50	£8.49

AIR HEATERS WITH LEAD

- Featuring an open coil high temperature resistance wire
- Wire is electrically isolated in a stainless steel sheath
- Can heat air up to 500°C and used for heat staking, plastic welding, laminating, drying and heat sealing
- Fiberglass lead wire insulation



860-7198	600W, 240V	£35.94
860-7189	600W, 120V	£35.94

AIR HEATERS WITH PRONG SOCKET

- Air heaters feature an open coil high temperature resistance wire
- Wire is electrically isolated in a stainless steel sheath
- Supplied with connector
- Can heat air up to 500°C
- Can be used for heat staking, plastic welding, laminating, drying and heat sealing



860-7208	600W, 240V	£40.17
860-7195	400W, 240V	£40.17

NOZZLE HEATERS

- Designed with the highest quality materials used for optimal performance
- The heaters are most commonly used in the plastic industry but are also suitable to use in applications of up to 1000°F
- Highest grade mica insulation provides excellent electrical insulation at high temperature and is resistant to moisture
- Visit our website for more information



920-9956	38x38mm, 235W, 230V	£17.80
920-9969	40x38mm, 270W, 230V	£16.69
920-9975	40x38mm, 300W, 230V	£17.69
920-9984	60x38mm, 375W, 230V	£18.75
920-9988	70x38mm, 440W, 230V	£18.75

CARTRIDGE HEATERS- IMPERIAL SIZES

- Lead wires that can stand temperature of up to 450°C
- High impact ceramic cap suitable for high vibration applications
- Deep holes in ceramic cap prevents fraying of lead when bent
- Nickel-chromium resistance wire for maximum heater life
- TIG welded end disc prevents contamination and moisture absorption
- Fiberglass lead wire insulation
- 10' Lead wires



860-6766	1/8" x 3", 535W	£12.26
860-7160	1/8" x 4", 500W	£14.02
860-6782	1/8" x 5", 500W	£15.78
860-6808	1/8" x 6", 425W	£17.57
860-6798	1/8" x 7", 550W	£19.24
860-6801	1/8" x 8", 650W	£20.99

CARTRIDGE HEATERS- METRIC SIZES

- Lead wires that can stand temperature of up to 450°C
- High impact ceramic cap suitable for high vibration applications
- Deep holes in ceramic cap prevents fraying of lead when bent
- Nickel-chromium resistance wire for maximum heater life
- TIG welded end disc prevents contamination and moisture absorption
- Fiberglass lead wire insulation
- 10' Lead wires



CARTRIDGE HEATERS- IMPERIAL SIZES

- Lead wires that can stand temperature of up to 450°C
- High impact ceramic cap suitable for high vibration applications
- Deep holes in ceramic cap prevents fraying of lead when bent
- Nickel-chromium resistance wire for maximum heater life
- TIG welded end disc prevents contamination and moisture absorption
- Fiberglass lead wire insulation
- 10' Lead wires



860-7163	10mm x 40mm, 100W	£8.58
860-6909	10mm x 40mm, 200W	£8.58
860-6918	10mm x 50mm, 150W	£9.18
860-6912	10mm x 50mm, 200W	£9.18
860-6921	10mm x 65mm, 300W	£10.15
860-6741	10mm x 70mm, 250W	£10.46
860-6889	10mm x 100mm, 200W	£12.32
860-6870	10mm x 100mm, 350W	£12.32
860-6892	10mm x 125mm, 250W	£13.90
860-6895	10mm x 125mm, 500W	£13.90
860-6899	10mm x 150mm, 300W	£15.45
860-7167	10mm x 150mm, 600W	£15.45
860-6946	12.5mm x 125mm, 500W	£15.59
860-6940	12.5mm x 150mm, 400W	£17.30
860-6959	12.5mm x 175mm, 500W	£19.04
860-6794	12.5mm x 50mm, 200W	£10.38
860-6978	12.5mm x 75mm, 500W	£12.17
860-6987	16mm x 100mm, 250W	£15.24
860-6980	16mm x 100mm, 350W	£15.24
860-7173	15.8mm x 150mm, 400W	£19.59
860-6993	16mm x 150mm, 500W	£15.98
860-7003	16mm x 200mm, 1000W	£24.17
860-6990	16mm x 200mm, 700W	£24.17

CERAMIC HEATING ELEMENTS

- Extremely energy efficient converting 96% of the input power to heat with a maximum temperature of 700°C
- 5000 - 10,000 hours working life
- Heating wire embedded into concave shaped heater creates infrared in parallel rays
- 230V ac supply
- Suitable for long wave radiation, curing, heating and drying
- 245mm



348-8936	250W	£17.92
348-8942	300W	£17.92
196-6462	400W	£17.91
348-8964	500W	£18.28
196-6478	650W	£18.28
376-2701	650W	£31.03
348-8970	750W	£20.14
196-6484	1000W	£20.14
376-2723	1000W	£31.03

FINNED HEATERS, CERAMIC INSULATED

- Strip and finned strip heaters are a versatile and economical heating source for various applications
- The fins on the finned strip heaters, heat transfer in free or forced air heating applications
- Made of specially selected high grade materials, including high temperature alloy resistance wire, corrosion-resistant aluminised steel sheath and cadmium plated steel fins
- Controlled coil process and placement assure uniform heat distribution over the entire surface of the heater
- Slotted mounting tabs allow linear expansion during initial heat-up period



724-1766	35.75 in, 2500W	£131.06
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DRUM HEATER JACKETS

- Designed for melting or reducing the viscosity of products that require aggressive heating or high temperatures for handling
- Quick and easy to fit with quick-release buckles
- Jacket made from lightweight, abrasion resistant PTFE fabric
- PTFE fabric is insulated with E-glass fibre blanket for thermal efficiency
- Class II double insulated
- Suitable for applications such as chemical, acid and food handling
- 1850x1950mm



106-5431	1.2kW	£1,286.00
106-5430	1.8kW	£1,286.00

SILICONE DRUM HEATERS

- A maximum of 3 can be applied to 200 litre drums to either speed up the melting process or for even heat distribution, class II double insulated
- They reduce the viscosity of materials such as soaps, fats, foodstuffs, varnishes and chemicals allowing them to be pumped or poured with ease
- Silicone rubber insulated and a double insulated construction
- 0-90°C electronic thermostat
- Moisture and chemical resistant
- Simple spring fixing
- 230Vac with 2 metre power cable
- IP40 protection

**SEALED MICA NOZZLE HEATERS**

- These types of heaters are used to give long life where normal mica heaters cannot last as long due to process leakages
- These heaters are typically used on injection moulding machines, extruders, dies, moulds and process machinery
- Constructed by winding resistance wire
- Insulated and terminal connections fitted
- Encased in brass casing which gives good mechanical strength and protection
- Cable length is 1m

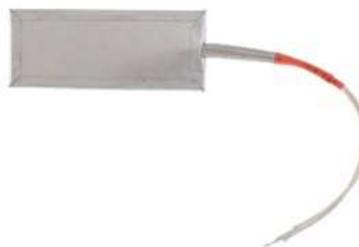


790-4877	1740mm 1500W	£229.33
790-4873	1740mm 2000W	£300.05
798-3747	940mm 500W	£210.10
798-3729	1250mm 250W	£234.55
798-3731	1950mm 450W	£267.27
798-3725	1020mm 200W	£234.55

790-4858	225W 230V	£44.91
790-4845	100W 230V	£39.72

MICA STRIP HEATERS

- Economical heat sources, suitable for providing heat to flat surfaces
- A high temperature oxidation metal sheath and high grade mica insulation resistant to moisture and high temperatures
- Nickel/Chromium resistance wire is evenly wound to provide uniform and reliable heat distribution
- Fibreglass lead wires
- 230V



921-0073	10"x5" 2000W	£55.53
921-0085	10"x3" 1200W	£36.00
921-0089	10"x2" 800W	£26.20
921-0076	9"x3" 1100W	£33.07
921-0079	9"x2" 700W	£24.27
921-0060	8"x3" 950W	£30.13
921-0063	8"x2" 650W	£22.33
921-0054	7"x3" 850W	£27.20
921-0057	7"x2" 550W	£20.33

MICAFLAT HEATERS

- Best used on flat surfaces requiring heating where silicone or film heaters are not suitable for temperatures above 160 °C
- These heaters must be temperature controlled and fitted correctly for best performance
- Flat mica plate heaters are used in applications as e.g.: Dies, Platen, Moulds, Tanks, Process Machinery.
- Constructed by winding resistance wire
- Insulated and terminal connections fitted
- Encased in Zintec sheet which gives good mechanical strength and protection
- High temperature surface heating up to 260 °C



790-4839	300W 190x320mm	£58.57
790-4842	80W 50x50mm	£21.43
790-4833	300W 200x100mm	£29.29
790-4836	220W 70x75mm	£21.43

FOAM INSULATED HEATER MATS

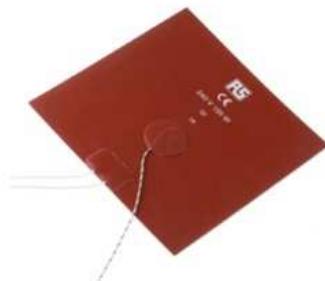
- Foam insulated heater mats are thin and lightweight
- The mats offer good flexibility, low thermal mass and fast response
- The high performance foam reduces the thermal losses of the element in turn reduces heat up times and allows operating temperatures to be more easily maintained
- Thermocouple allows universal controller compatibility and when combined with the insulating foam layer ensures accurate and efficient heating performance



106-5407	100x150mm 100W	£73.29
106-5408	150x200mm 200W	£101.48
106-5409	200x300mm 400W	£150.86
106-5410	200x400mm 533W	£191.18
106-5411	500x500mm 1665W	£302.77
106-5420	Cylindrical 83mm 105W	£104.08
106-5412	Cylindrical 28mm 35W	£37.89
106-5414	Cylindrical 42mm 52W	£57.45
106-5413	Cylindrical 280mm 69W	£54.34
106-5419	Cylindrical 55mm 207W	£134.00

3D PRINTER HEATER MATS

- Silicone heater mat technology delivers improved 3D Printer quality and speed of process
- Due to their low mass, the mats have rapid heat up characteristics and fast response to temperature control
- The 3D heater mats wide operating temperature range, flexibility and superb electrical properties give it a distinct advantage over other forms of heating.
- Within the heated build platform (HBP) of a 3D Printer, printing quality is improved by having the platform accurately and uniformly heated



106-5426	150 x 150mm, 100W	£58.43
106-5427	200 x 200mm, 176W	£82.96
106-5428	250 x 250mm, 275W	£94.56
106-5429	300 x 300mm, 396W	£137.15

HEATER MATS

- Designed for areas where standard heating methods are difficult to apply
- All mats are self adhesive and have etched foil elements embedded into a glass cloth supported rubber compound
- These features provide you with a highly robust but flexible product
- The range includes standard rectangular or circular mats powered at a range of voltages at various power ratings



245-499	1.25W 12V 50x25mm	£12.21
245-506	2.5W 12V 50x50mm	£12.92
245-528	5.0W 12V 50x100mm	£16.04
245-534	7.5W 12V 100x75mm	£18.50
245-556	7.5W 12V 50x150mm	£17.25
731-350	15W 12V 100x150mm	£23.96
731-366	30W 12V 150x200mm	£34.75
731-372	60W 12V 200x300mm	£52.21
245-613	50W 100x150mm	£29.13
245-629	100W 100x150mm	£29.13
245-641	200W 200x150mm	£41.92
245-657	200W 200x300mm	£64.92
245-663	400W 200x300mm	£64.92
245-679	267W 200x400mm	£92.29
245-685	533W 200x400mm	£98.38

INCOLOY SHEATHED, WATER HEATERS

- Ideal for use in hard and aggressive water or this some chemicals
- 3 phase, 4-wire, 415V or single phase 240Vac
- 2.1/4" BSP threaded brass heads
- Hoseproof polypropylene terminal enclosure which can be rotated in any position
- Fitted with thermostat and jointing gasket



273-056	9kW 14in - 3 phase 415v	£261.17
273-135	12kW 24in - 3 phase 415v	£281.42
273-034	6kW 16in - 3 phase 415v	£218.53
272-996	3kW 11in - 1 phase 220v	£180.15
273-062	9kW 22in - 3 phase 415v	£254.77
273-012	4kW 11in - 3 phase 415v	£206.80

TX203P IN-HEAD RTD TRANSMITTER

- Choice of pushbutton or fixed in-head 4-20mA transmitters
- Push button configuration in less than 10 secs
- Dimensions: H21mm x Dia 43mm - fits with industrial probe head



363-0238	FixedTransmitter, 0-70°C, Pt100	£59.04
185-2284	AdjustableTransmitter, 0-100°C, Pt100	£59.30
363-0216	PushbuttonTransmitter, Pt100	£70.02
185-2290	AdjustableTransmitter, 0-200°C, Pt100	£59.30

TX203TC IN-HEAD THERMOCOUPLE TRANSMITTER

- Pushbutton configuration in less than 10 secs
- Adjustable version is re-rangeable via solder links and potentiometers
- Fits within all standard industrial sensor heads - i.e KNX



381-7132	PushbuttonTransmitter, J KT	£70.45
363-0222	AdjustableTransmitter, J KT	£85.68

ADJUSTABLE CAPILLARY & SAFETY LIMIT THERMOSTATS

- This operates from a remote bulb linked with a 1m capillary
- Changeover contacts (SPDT) enable use with both heating and cooling loads
- Supplied with chrome mounting bezel and knob
- Suitable for domestic/commercial applications



733-4723	0to+90degC	£20.14
733-4710	0to+120degC	£20.20
733-4726	+40to+210degC	£19.72
733-4732	-30to+35degC	£20.27

DIN RAIL THERMOSTAT

- Designed for use with NTC sensors
- Easy to configure and use, along with a large clear display that gives greater visibility
- Compact design which makes it fast to install in various application fields



124-1057 £40.95

DEFROST THERMOSTAT- SINGLE OUTPUT

- Designed for use in refrigeration applications
- Compact in size (35x77mm) making it easy to install
- The temperature controller has NTC sensor input and single output for compressor control



124-1045	230V ac 1 x Relay	£40.91
124-1046	24V ac/dc 1 x Relay	£40.91
124-1047	100-230V ac 2 x Relay	£44.70
124-1048	24V ac/dc 2 x Relay	£44.70
124-1049	230V ac 3 x Relay	£54.55
124-1050	24V ac/dc 3 x Relay	£54.55

ON/OFF THERMOSTAT- J TYPE INPUT

- Compact in size - 35x77mm - cost-effective and for use in general heating or cooling applications
- The on/off thermostat controllers are ideal in industrial applications with J type thermocouple sensor



124-1051	230V ac, 1 x Relay	£57.58
124-1052	24V ac/dc, 1 x Relay	£59.09
875-1226	Indicator, 100-240Vac	£109.64
875-1239	On/Off Controller, 100-240Vac	£64.90
124-1075	230Vac/dc	£39.88
124-1076	24Vac/dc	£39.88

ON/OFF THERMOSTAT - NTC

- Compact in size and designed for use with NTC sensors
- Easy to configure and use, with a large and clear LED display
- Ideal for industrial or commercial applications.



124-1053	230V ac 1 x Relay	£40.91
124-1054	24V ac/dc 1 x Relay	£40.91
124-1055	230V ac 2 x Relay	£48.48
124-1056	24V ac/dc 2 x Relay	£48.48

DIGITAL PROCESS INDICATOR- LINEAR INPUT

- 35x77mm indicator with linear mA and V input, rescaled for accurate display of process data
- The indicator has selectable input types and has an easy to adjust sampling time
- Multiple display options and can be easily set up to meet your specific needs

**ON/OFF/PID CONTROLLER- 2 OUTPUTS**

- 35 x 77 mm sized controllers with built-in On/Off or PID control
- Thermocouple or PT100 sensor input and 2 outputs (Relay or SSR)
- Heating or cooling applications
- Two set point- selectable from front panel
- PID auto tune, Soft-start feature & CE Certified



124-1058	230V ac, 1 x Relay, 1 x SSR PT100	£52.50
124-1059	230V ac, 1 x Relay, 1 x SSR Thermocouple	£52.50
124-1060	24V ac, 1 x Relay, 1 x SSR Thermocouple	£52.50

124-1073	230Vac	£56.10
124-1074	24Vac/dc	£56.10

DIGITAL TEMPERATURE INDICATOR

- Delivers temperature indication to industrial and commercial systems using NTC sensors
- The indicator is easy to set up to meet your specific requirements
- 35x77mm format

**DIGITAL PROCESS INDICATOR WITH UNIVERSAL INPUT**

- 4 Digit display with a 72x72mm format
- Smart output module system
- Programmable alarm functions
- Retransmission of process value
- Hardware configuration with output modules



124-1075	230Vac/dc	£39.88
124-1076	24Vac/dc	£39.88

TEMPERATURE CONTROLLERS

PID TEMPERATURE CONTROLLER 1/8 DIN

- Designed to provide temperature control in an easy to install, fast to program device.
- The temperature is displayed on a large, highly improved LED display and can be used in various applications, such as sealers.
- 96x48mm format.



124-1061	24Vac/dc, 1 relay	£135.00
124-1062	24Vac/dc, 3 relay	£135.00
124-1063	110-240Vac, 1 x SSR 2 x Relay	£135.00
124-1064	110-240Vac 3 x Relay	£135.00

DIN RAIL TEMPERATURE CONTROLLER

- Text/icon matrix display
- Quick setup menu with main configuration parameters
- 3 button operation along with 3 status LEDs



144-8680	110-240V ac, 1 x C/O Relay, 1 x Relay	£125.00
144-8681	110-240V ac, 1 x C/O Relay, 1 x SSR, 1 x Relay	£140.00
144-8682	110-240V ac, 1 x C/O Relay, 1 x SSR, 1 x Relay, RS485 Comms	£175.00

PID TEMPERATURE CONTROLLER 1/16 DIN

- The 1/16 DIN (48x48mm) PID temperature controllers are designed to provide temperature control in an easy to install, fast to program device. The temperature is displayed on a large, highly improved LED display and can be used in various applications, such as sealers.



124-1065	110-240Vac 2 x Relay	£101.00
124-1066	110-240Vac 1 x SSR 1 x Relay	£101.00
124-1070	110-240Vac 2 x SSR 1 x Relay	£104.00
124-1071	110-240Vac 1 x SSR 2 x Relay	£104.00
124-1072	110-240Vac 3 x Relay	£104.00

DIN RAIL TEMPERATURE CONTROLLER

- Text/icon matrix display
- Quick setup menu with main configuration parameters
- 3 button operation along with 3 status LEDs



144-8677	24V ac/dc, 1 x C/O Relay, 1 x Relay	£125.00
144-8678	24V ac/dc, 1 x C/O Relay, 1 x SSR, 1 x Relay	£140.00
144-8679	24V ac/dc, 1 x C/O Relay, 1 x SSR, 1 x Relay, RS485 Comms	£175.00

PID TEMPERATURE CONTROLLER 1/16 DIN

- The 1/16 DIN (48x48mm) PID temperature controllers are designed to provide temperature control in an easy to install, fast to program device. The temperature is displayed on a large, highly improved LED display and can be used in various applications, such as sealers.



124-1067	24Vac/dc 2 x SSR 1 x Relay	£104.00
124-1068	24Vac/dc 1 x SSR 2 x Relay	£104.00
124-1069	24Vac/dc 3 x Relay	£104.00

TERMINAL COVER

- Terminal cover fits onto 96 x 48 mm and 48 x 48 mm PID temperature controllers



124-1083		£3.60
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HAND HELD/DESK MOUNTED - RESETTABLE

- Suitable for applications such as traffic monitoring, pedestrian or footfall counting, airline passenger totalisation and many more.
- 4 digit with positive action mechanism for accurate counting with feedback
- Easy to use, with durable count mechanism for regular use



710-5225	Desk mount bank of 4 tally counter	£32.82
710-5216	Single desk mount tally counter	£14.22
710-5212	Hand held tally counter	£11.38

PROGRAMMABLE COUNTER

- 6 Digit LED display
- 24V & 230V options available
- NEMA 4X Protection (IP65 frontal, IP20 rear)
- SPST relay output rated at 5A @ 250V (Resistive Load)
- Supports NPN/PNP operation
- Inputs for capacitive & proximity sensors and an encoder
- Manual & automatic reset options



808-6605	48x48, 230V	£66.46
808-6614	48x48, 24V	£55.41
808-6627	96x48, 230V	£67.15
808-6636	96x48, 24V	£69.95

6-DIGIT ELECTROMECHANICAL IMPULSE COUNTER

- Compact and robust design, Ideal where space is limited and suitable for panel mounting
- 6 digit (4.0 mm) with 3 mounting options; Panel, bail & base
- Resettable & non-resettable models available
- Push button quick reset
- High accuracy & reliability and requires no lubrication or maintenance
- Optional locking for reset button
- IP30 protection



896-7027	56x29mm 115V	£19.04
896-7021	56x29mm 12V	£19.04
896-7024	56x29mm 230V	£19.04
896-7030	56x29mm 24V	£19.04
896-7009	56x48mm 110V	£19.04
896-7011	56x48mm 230V	£19.04
896-7015	56x48mm 24V	£19.04

7-DIGIT ELECTROMECHANICAL IMPULSE COUNTER

- 7-digit (3.6 mm), non-resettable
- Compact size & robust design, panel mounting
- High degree of accuracy & reliability
- Wide temperature range
- 12 V dc or 24 V dc supply voltage (depending on model)
- Shock & vibration proof



896-7037	12 VDC, Rectangular Bezel	£14.63
896-7049	12 VDC, Rectangular 2 Hole Bezel	£14.63
896-7046	24 VDC, Rectangular Bezel	£14.63
896-7043	24 VDC, Rectangular 2 Hole Bezel	£14.63

DIGITAL TIME SWITCH

- Daily/weekly/pulse switching (depending on model)
- 3 lines text LCD display and DIN Rail mounting
- 25 On/Off programs
- LED indication of relay status
- 12/24 h display formats
- 6 years battery reserve
- Simple reset and manual override
- 110-240 V ac supply voltage
- Settable DST & keypad lock feature
- IP20 (terminals), IP40 (enclosure) protection



896-6876	110-240Vac 1 Channel (by sec)	£42.03
896-6891	12Vdc 1 Channel	£42.03
896-6885	10-240Vac 1 Channel (by min)	£42.03

ASTRO DIGITAL TIME SWITCH - 1 CHANNEL

- Built in a compact design with 12/24 h display, ideal for outdoor and street lighting applications
- Features easy manual override and keypad lock
- 35 mm width and 3 lines text LCD
- DIN Rail mounting
- Latitude/longitude precise to the minute with time zone
- Sunrise/sunset or twilight rise/set trigger modes
- Easy programming and navigation
- DST, offset, Off hours, weekly Off features
- 12/24 h hour display format
- 6-year battery reserve
- 110-240 V ac supply voltage
- IP20 (terminals), IP40 (enclosure) protection



896-6888	1 Channel	£57.28
896-6882	2 Channel	£117.19

COUNTERS & HOUR METERS

DIGITAL HOUR METER

- Digital hour meters come in a small variety of bezels and a wide range of supply voltage.
- 6-digit (5 mm) LCD display
- Panel mounting
- Wide range of supply voltage
- Remote reset
- Available in 3 different bezels (depending on model)
- Lower power consumption



896-6955	Round Face 12-48Vac/dc	£19.26
896-6977	Rectangular Face 12-48Vac/dc	£19.26
896-6986	Rectangular Face 24x48mm 10-80Vdc	£19.26
896-6973	23mm x 36.5mm 85-265Vac	£19.26
896-6967	23mm x 45.5mm 85-265Vac	£19.26

HOURS RUN METER - MECHANICAL

- Robust design that enables a high degree of accuracy and are compact in size. The design of these meters makes them totally sealed from dust and moisture.
- 7 different bezel style models
- Panel mounting
- 6 digits non-resettable with automatic recycle to zero
- Compact and robust design provides shock and vibration protection
- Wide supply voltage range
- IP66 protection



896-6939	Hours Run Meter Clamp Fixing 10-80Vdc	£10.95
896-6914	Hours Run Meter Clamp Fixing 10-80Vdc	£10.95
896-6942	Hours Run Meter Clamp Fixing 4-30Vac/dc	£20.70
896-6933	Hours Run Meter Clamp Fixing 90-264Vac	£10.95

HOURS RUN METER - PANEL MOUNT

- 6 digit LCD, resettable with automatic recycle to zero
- In-built non-volatile memory (EEPROM) stores count
- IP66 protection
- Low Power Consumption (0.8VA Max.)



896-6951	Digital Hours Run Meter 85-265Vac	£19.26
896-6970	Digital Hours Run Meter 10-80Vdc	£19.26
896-6961	Digital Hours Run Meter 12-48Vac/dc	£19.26
896-6964	Digital Hours Run Meter 10-80Vdc	£19.26

MECHANICAL RUN-BACK TIMER

- Can be manually reset during the run-back period
- DPDT contact configuration
- Contact rating: 16A @ 250Vac resistive load
- Connection via 6.35 x 0.8 mm terminals suitable for 0.25in receptacles
- Minimum panel thickness (with screws provided) of 3.5mm



536-2555	0-30min	£19.61
536-2779	0-120min	£19.95

OFF DELAY TIME DELAY RELAY - 17.5MM

- Dual voltage, single function timer that is compact in size
- 17.5 mm width and suitable for DIN Rail mounting
- Integrated dual voltage
- On delay timing function
- LED indications for power and relay status
- SPCO output relay
- 0.3s-30hrs timing range
- Wide supply voltage range
- IP20 (terminals), IP40 (enclosure) protection



896-6816	110Vac & 24Vac/dc	£18.04
896-6810	240Vac & 24Vac/dc	£18.04

MULTI-FUNCTION DIGITAL TIMER

- 35x77mm panel mounting timer with Start/stop/reset control from front panel
- 9 timer modes; fully adjustable and easy to install
- Timing in seconds, minutes and hours on a bright LED display
- Two timed control outputs



124-1077	230V ac	£53.55
124-1078	24V ac/dc	£53.55

MULTI-FUNCTION TIME DELAY RELAY - 22.5MM

- Two multi-function timer relays offering a choice of common timing functions - including external trigger inputs
- 0.1s to 10/100h timing ranges
- Configured & set via flush knobs on front
- LED indication for runtime and relay status
- Full details of timer functions available online



896-6850	5 Function timer, SPCO, 24-240Vac/dc	£31.02
896-6813	10 Function timer, SPCO, 12-240Vac/dc	£23.19

4-DIGIT PROGRAMMABLE TIMER

- Panel mounting (76x34.5mm) digital timer with 4-Digit LED display
- Operation with one set value
- Single contact output for timing control (ON/OFF)
- External start input plus Start & Stop via front panel
- Display can be adjusted to show second, minute and hour
- Programmable time bases (second, minute, hour)
- IP65 (front panel)



OFF DELAY TIME DELAY RELAY - 17.5MM

- DIN Rail mounting
- Off-delay timing function
- Integrated dual voltage
- LED indications for power and relay status
- Wide supply voltage range
- IP20 (terminals), IP40 (enclosure) protection

896-6829	110Vac & 24Vac/dc	£20.60
896-6822	240Vac & 24Vac/dc	£20.60

798-3448	10-30Vdc	£48.64
798-3444	230Vac	£42.42

ENCLOSURES, STORAGE & MATERIAL HANDLING



- | | | | |
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| 54 | 19 INCH CABINETS & ACCESSORIES | 81 | STORAGE SYSTEMS |
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RS PRO is the only global brand that gives you every part you need across five industry categories at the quality and price you expect.

19 INCH CABINETS & ACCESSORIES

19IN. SINGLE WALL CABINET

- Designed to ensure professional cable management and ease of access for installers
- Steel frame with glass door and cylindrical lock
- Side panels open from the inside for additional security
- 1 pair of heavy duty 19 in. mounting rails
- Maximum static load up to 70 kg
- RAL 7035 electrostatic powder paint finish
- RoHS compliant



802-0333	9U 600 x 560 mm	£135.58
802-0327	6U 600 x 450 mm	£108.71
802-0330	12U 600 x 560 mm	£156.89
802-0320	6U 600 x 560 mm	£123.13
802-0324	9U 600 x 450 mm	£126.95

BRUSHED CABLE ENTRY SEALS

- Letterbox type made from high impact polypropylene
- Fitted with black nylon brush inserts
- Cut-out dimension required for installation: 280 x 49 mm



738-8681		£7.85
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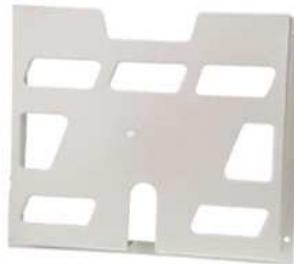
CABLE MANAGEMENT PANEL 1U HEIGHT

- 19in rack mounting panel comprising 4 spring-loaded rings to safely hold cables
- Ring size: 44 mm x 33 mm
- Panel mounting hardware included



DOCUMENT POCKETS

- Solid version for booklets, leaflets etc.



500-308

500-308		£8.92
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VENTILATION GRILLES

- Louvered, Stainless Steel



348-7315	Ventilator 2	£12.39
348-7321	Ventilator 3	£5.13
348-7337	Ventilator 4	£3.38

1U & 2U BRUSHED CABLE ENTRY PANELS

- Aperture size: (W) 350 mm x (H) 22 mm (1U), (W) 350 mm x (H) 50 mm (2U)
- Width 482 mm



243-1850	Cable entry seal for 19 in. panel, 1U	£38.98
202-8864	Cable tidy brush panel, 1U	£38.26

ALUMINIUM ALLOY FRONT PANEL

- Available in Black or Natural finish
- A perfect choice for your enclosure
- All models are highly reliable and excellent quality
- Etched 3 mm anodised panels to IEC297; Natural or black finish; Various rack unit sizes



439-3334	Black Finish 483 x 132 mm	£20.82
439-3340	Black Finish 483 x 177 mm	£23.96
439-3362	Black Finish 483 x 222 mm	£31.71
439-3182	Black Finish 483 x 266 mm	£35.84
439-3312	Black Finish 483 x 44 mm	£13.63
439-3328	Black Finish 483 x 87 mm	£17.76

NATURAL FINISH ALUMINIUM ALLOY FRONT PANEL

- Available in Black or Natural finish
- A perfect choice for your enclosure
- All models are highly reliable and excellent quality
- Etched 3 mm anodised panels to IEC297
- Various rack unit sizes

**1U 19 IN. MOUNTING SLIDING SHELVES**

- A range of fully ventilated steel shelves
- All sizes and weight capacities are fitted with quality ball bearing drawer slides



668-4792	450 mm Deep 45 kg	£75.85
668-4796	570 mm Deep 45 kg	£83.79
668-4809	450 mm Deep 60 kg	£93.74

1U 19 IN. ADJUSTABLE DEPTH SHELVES

- A range of medium duty variable depth ventilated steel shelves designed to adjust to the exact distance between front and rear 19° mounting angles of any cabinet.

**MULTI APPLICATION 19IN. STEEL CHASSIS TRAYS**

- The innovative design of these chassis trays, offers the user a heavy duty, highly flexible 19 in. rack mountable electronic equipment enclosure
- suitable for multiple applications



668-4821	400 - 600 mm Deep 60 kg	£65.63
668-4825	550 - 900 mm Deep 60 kg	£100.69

19 IN. CANTILEVER SHELF

- Finished in electrostatic powder paint
- Maximum static load: 15 - 15 kg



665-7722	4U 425 mm Black	£83.44
665-7716	3U 335 mm Black	£71.98
665-7719	2U 245 mm Black	£51.70
665-7725	3U 425 mm Black	£75.98
665-7712	2U 335 mm Black	£63.95
665-7734	6U 425 mm Black	£103.79
665-7731	5U 425 mm Black	£88.89
665-7728	4U 335 mm Black	£80.58
665-7700	1U 245 mm Black	£49.31

802-0279	1U 19° Cantilever Shelf	£16.22
802-0282	2U 19° Cantilever Shelf	£26.22

SPRING LOADED INDEX PLUNGERS

- Excellent choice for locating, positioning and fast adjustment of your tables, platforms and fixtures.



110-4582	Aluminium M8 20mm 4.7mm	£9.23
110-4583	Aluminium M10 26mm 6.3mm	£13.36

SPRING LOADED INDEX PLUNGERS

- The spring loaded index plungers with rest position are an excellent choice for locating, positioning and fast adjustment of your tables, platforms and fixtures.



124-1904	Aluminium Black Powder Coated Plunger 6.2 mm	£15.31
124-1905	Aluminium Black Powder Coated Plunger 4.7 mm	£11.10

PRECISION INDEX/REST POSITION

- Hardened plunger
- For applications where precision positioning is needed, such as rotary indexing heads.



237-390	Index plunger, rest, stainless steel, 5 mm	£60.61
237-401	Index plunger, rest, stainless steel, 6 mm	£73.70
237-407	Index plunger, rest, stainless steel, 8 mm	£94.97

BALL SPRING PLUNGERS - STAINLESS STEEL

- Ideal for applications where a pre-defined positional stop is required or positioning a workpiece against a datum face
- Threaded body has a screwdriver slot
- Supplied in 5 per bag



478-743	M3	£19.34
478-567	M4	£21.96
478-917	M5	£22.17
478-927	M6	£24.02
478-911	M8	£28.96
478-573	M10	£28.69

BALL SPRING PLUNGERS - STEEL

- Ideal for applications where a pre-defined positional stop is required or positioning a workpiece against a datum face
- Threaded body has a screwdriver slot
- Supplied 10 per bag



478-652	M3	£16.56
478-636	M4	£17.57
478-668	M5	£19.19
478-658	M6	£19.76
478-731	M8	£20.90
478-737	M10	£23.50

BASIC INDEXING PLUNGERS

- Basic indexing plunger with pull/lift ring
- Body zinc plated steel, plunger stainless steel
- Small, low cost indexing solution
- Not suitable for high precision indexing applications.



237-671	4 mm	£38.97
237-750	5 mm	£42.53
237-687	6 mm	£47.94
237-564	8 mm	£52.74

POLYCARBONATE PUSH TO CLOSE CAMLOCK

- Supplied with 2 keys, catcher and handle pull



124-1902 £10.49

RING GATE LATCH, BLACK

- Steel latches, finished in black epoxy



894-6774	150 mm	£9.58
894-6765	125 mm	£7.11
894-6777	175 mm	£7.23

HEAVY DUTY HASP & STAPLE

- Ideal for general utility services
- Heavy duty style has a square hole on the hinge flap that permits the use of a 5/16 in. (8 mm) carriage bolt and prevents removal
- Mild steel with bright zinc plated finish



751-332	100 mm (L)	£2.78
750-711	50 mm x 50 mm	£7.90
751-348	125 mm (L)	£3.23
751-354	150 mm (L)	£3.48

STEEL FINISH DIGITAL DOOR LOCK

- Metal Construction
- Easy to change code
- Dual Handed
- Backset 60 mm
- Dimensions: 153 mm (H) x 50 mm (W)

754-0912 Steel Finish Digital Door Lock £35.01
774-8169 Cabinet Electric Lock - Monitored £46.98**SUFFOLK LATCHES, BLACK**

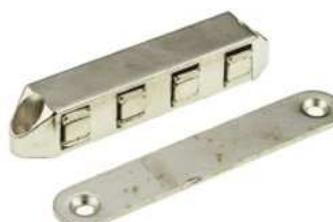
- Suffolk latches black epoxy steel



894-6796	Epoxy Black	£4.57
894-6787	BZP	£4.83
894-6783	Galvanised	£5.49

SUPER POLAR

- Polar magnetic catch supplied complete with counterplate
- Catch requires 3.5 mm screws
- Max operating temperature 80°C
- Zinc alloy construction
- Holding force 8 kg



293-7869	Super polar magnetic catch	£14.94
181-250	Side fixing magnetic catch	£26.40
665-9954	Magnetic catch	£11.91

AUTOMATIC GATE LATCH

- Galvanised steel construction

894-6759 Heavy Duty £3.96 434-9595 90 (L) x 36 (W) mm £4.66
894-6755 Standard £2.26 434-9602 114 (L) x 36 (W) mm £5.35
124-1900 Locking Pressure Catch, 111 x 34 mm £19.76
124-1901 Non-Locking Pressure Catch, 111 x 34 mm £14.18**HASP AND STAPLE, 316 STAINLESS STEEL**

- Available in 316 grade stainless steel and in two sizes
- Excellent anti-corrosive properties
- Ideal for use in food, chemical and other 'clean' industries
- Supplied complete with stainless steel fixing screws

**DIE CAST ZINC COMPRESSION LATCHES**

- Low profile pressure catch designed to be installed quickly
- The lever latch pulls your doors tight and gives them a sleek look



STRAIGHT BARREL BOLT

- Chrome plated brass
- Excellent anti-corrosive properties



BRENTON PAD BOLT

- Black epoxy steel



SMALL BASIC ZINC PASSIVATE/ STAINLESS STEEL

- A basic compact toggle latch
- Suitable for light duty applications
- M4 fixing for catch and latch
- 25 kgf operating tension
- Catch to latch distance 44 mm



893-8672 100mm	£3.96
893-8666 50mm	£2.79
893-8669 65mm	£3.19
893-8663 75mm	£3.68

STRAIGHT TOWER BOLT BZP

- Bright zinc plated steel
- Ideal for surface mounting both in horizontal or vertical position



434-9753 4in	£5.15
434-9573 6in	£5.78

BRENTON PAD BOLT, BZP

- Bright zinc plated



893-8593 75mm	£1.58
893-8596 100mm	£1.70
893-8590 150mm	£2.14
893-8600 200mm	£3.07
893-8603 250mm	£4.12
893-8607 300mm	£4.73

893-8694 100mm	£3.02
893-8697 150mm	£3.73
893-8691 200mm	£3.83

SMALL FLEXIBLE TOGGLE LATCH

- One of the most popular and widely used toggle latches with M3 fixing
- Curved 2 mm diameter wire link allows wider tolerance of fitting dimensions
- Latch-to catch distance 29.5 mm



STRAIGHT TOWER BOLT BLACK

- Black epoxy steel
- Ideal for surface mounting both in horizontal or vertical position



PADLOCK HASP TOGGLE LATCH

- A robust, general purpose latch with a 4 mm wire link and the facility to padlock secure
- Normal latch to catch fixing centre is 63.3 mm (max.) giving a 70 kgf max operating tension
- Suitable for screw fixing using 2 x M4 screws for latch and 2 x M5 screws for catch



186-1389 Steel Toggle Latch	£7.29
197-4176 Stainless Steel Toggle Latch	£14.89

STAINLESS STEEL COMPRESSION SPRINGS

- Material to DIN 17224 No.1, 4310 or BS2056 EN58A
- Ends are squared and unground
- Appearance: brown/bronze
- Made with a right hand helix



821-245	15.7Lx2.75mm dia	£6.02
821-267	20.6Lx2.82mm dia	£5.47
821-368	20Lx4.63mm dia	£6.02
821-380	54Lx6.93mm dia	£5.80
821-352	65Lx6.8mm dia	£7.73

STEEL MUSIC WIRE COMPRESSION SPRINGS

- Wire diameter ends up to 0.8 mm are squared and unground
- Wire diameter ends 1 mm and over are squared and ground
- Manufactured with a right hand helix



751-641	22Lx9.25mm dia	£11.15
751-607	26Lx11mm dia	£9.69
751-584	28.5Lx9mm dia	£9.65
121-157	29.5Lx11.25mm dia	£7.22
751-578	30.5Lx73mm dia	£9.65
121-208	40.5Lx11.6mm dia	£9.19
121-179	41.5Lx13.75mm dia	£8.15
751-556	45.5Lx10.8mm dia	£8.26
121-191	45Lx9.6mm dia	£12.62
121-220	53.5Lx14.1mm dia	£9.19
751-629	55.5Lx13.5mm dia	£12.66
751-613	56Lx11mm dia	£12.06
751-590	59Lx9mm dia	£13.81
751-540	68Lx8.8mm dia	£4.53
121-185	94Lx172.5mm dia	£7.35
121-270	98Lx18mm dia	£7.52
121-292	135Lx27mm dia	£7.70

ECONOMY FIRE DOOR CLOSER

- Small compact unit
- Pressure diecast aluminium body
- Steel rack and pinion and sintered bearings
- 180° door opening subject to hinge
- Non-handed mechanism projection and surrounding structure
- Complete with full installation instructions



734-8823	Economy Fire Door Closer	£18.30
734-8832	Power Size 2-4 Door Closer	£38.12

DOOR LOCK PLATE

- Escutcheons made of stainless steel



894-6819	4mm S/Steel Euro Profile	£4.32
894-6812	6mm S/Steel Escutcheon Lever Lock	£3.32
894-6816	6mm Polished S/Steel Escutcheon Euro Profile	£5.41
894-6825	6mm Polished S/Steel Euro Profile	£3.32

FIX PULL HANDLE

- Suitable for Commercial Environments



894-6862	19mm Aluminium	£14.67
894-6869	19mm Polished Aluminium	£12.71
894-6850	19mm Satin Aluminium	£11.47
894-6844	19mm Satin S/Steel Bolt Fix Pull Handles	£11.68
894-6856	19mm S/Steel Concealed Fix Pull Handle	£11.12

LEVER HANDLES - SATIN STAINLESS STEEL

- 53 mm Ø Rose 6 mm
- Suitable for commercial environments
- Suitable for door size 37 - 57 mm
- Stainless steel under construction with 4 point fixing
- Stainless steel grub screw fixing
- 45 mm clearance between the door and inside of lever/pull handles



894-6890	Arched T-Bar Lever High Sprung Rose	£20.36
894-6881	Mitred Lever Sprung Rose	£20.59
894-6878	Straight Lever on 6mm Sprung Rose	£20.59
894-6888	T-Bar Lever Sprung Rose	£20.59

DOOR STOPS - PVC

- Black
- PVC



894-6926	25mm	£3.56
894-6917	35mm	£4.05

THERMOPLASTIC HANDLES

- Black, non chip material
- Threaded brass inserts



456-551	(L) 107mm	£6.79
456-529	(L) 149mm	£8.84
456-513	(L) 160mm	£11.64
456-523	(L) 197mm	£13.31
456-579	(L) 180mm	£22.22

ULTRAMID HANDLES

- Black plastic handle
- Manufactured from ultramid B3K



456-589	(L) 112mm	£6.42
456-501	(L) 141mm	£7.56

POLYAMIDE HANDLES

- Black polyamide
- Fixed with M6 hexagon bolts to prevent removal from the outside



456-490	(L) 140mm	£10.70
456-507	(L) 170mm	£11.03

PLASTIC COATED ALUMINIUM HANDLES

- Plastic coated aluminium with a matt black finish



TUBULAR PLAIN FINISH HANDLES

- Reverse panel fixing High Grade 304 stainless steel handles, suitable for harsh environments
- Screws supplied



237-895	95mm	£21.64
237-902	120mm	£23.51
237-845	150mm	£25.83

TUBULAR ELECTRO POLISHED HANDLES

- Tubular 316 stainless steel handles
- Typical applications would include: doors, cabinets where corrosion resistance is necessary in food, brewing and marine industries
- M6 screws needed for installation



456-567	195mm FC	£25.74
456-541	300mm FC	£29.58

STAINLESS STEEL SPRING KITS

- Kits of high quality stainless steel wire springs to DIN17224 No. 14310 or BS2056 EN58A
- Supplied in plastic compartment box with spring sizes and box layout information



684-406	225 springs	£48.27
684-412	180 springs	£40.53
684-428	128 springs	£44.41

STAINLESS STEEL EXTENSION SPRINGS

- Absorb and store energy
- Pulling force resistance
- Wound springs to oppose extension
- Available in various sizes



821-419	22.1 (L) x 3.2mm dia	£75.1
821-425	25 (L) x 5mm dia	£7.91
821-447	27.7 (L) x 5.5mm dia	£9.17
821-504	35 (L) x 7mm dia	£7.95
821-532	38.5 (L) x 7.5mm dia	£9.50
821-481	41.4 (L) x 6 mm dia	£8.60
821-510	47.6 (L) x 7mm dia	£9.27

MUSIC WIRE EXTENSION SPRINGS

- Manufactured from high tensile strength piano/music wire, with a right-hand (clockwise) helix and looped ends
- Attached at both ends
- Springs absorb and store energy
- Create resistance to pulling force
- Initial tension manipulation can achieve individual requirements
- Wound to oppose extension



751-821	32.6 (L) x 9.0mm dia	£9.71
751-893	34.4 (L) x 12.0mm dia	£9.59
751-871	49.0 (L) x 70mm dia	£9.08
751-865	50.0 (L) x 10.0mm dia	£10.12
751-916	59.0 (L) x 8.5mm dia	£12.75
751-843	60.0 (L) x 9.0mm dia	£11.15
751-922	66.2 (L) x 13.0mm dia	£10.37
121-387	69.8 (L) x 16mm dia	£12.22
751-887	75.4 (L) x 10.0mm dia	£10.63
121-359	77.8 (L) x 13mm dia	£8.27
121-365	85.8 (L) x 18mm dia	£12.84
121-321	87.2 (L) x 12mm dia	£9.52
751-950	87.7 (L) x 17mm dia	£4.97
121-343	88.6 (L) x 24.0mm dia	£9.55

BALL AND SOCKET JOINTS

- Made to DIN71802 with zinc passivated finish
- Induction hardened balls are wear resistant
- Security clips retain ball studs in sockets
- Static pull values for radial and axial loads
- Supplied with locknut



689-423	Ball and socket joint,M10	£15.80
689-394	Ball and socket joint,M6	£10.88
689-401	Ball and socket joint,M6	£11.70
689-417	Ball and socket joint,M8	£13.72

ADJUSTABLE FRICTION HINGES

- Zinc plated steel countersunk screws
- Acetal polymer material
- Hinge friction adjustment through tightening or loosening screws
- Flexible and easy to use



772-9632	43x36.5x6mm	£14.02	379-9315	S/Steel 90x75x6mm	£33.34
772-9644	63.5x57.5x5.2mm	£22.15	379-9321	Zinc Passivated 90x75x6mm	£18.33

LONG CLEVIS

- Manufactured with proportionately longer forks for greater reach or higher working angles
- DIN 71752



312-0179	M6x1mm	£2.72
312-0264	M8x1.25mm	£3.20

THERMOPLASTIC HINGE

- Matt Black finish
- Steel pin and 6 mm countersunk fixing holes
- Resistant to greases, oils and most chemicals



702-7838	48 x 48mm	£6.79
702-7831	64 x 64mm	£8.09

SHORT CLEVIS

- DIN 71752
- Clevis - Steel to BS970 PE 1 1983 220 M07
- Spring Clip - Steel to BS970 PE 5 1972 270 A72
- Zinc plated



312-0214	M10x1.50mm	£3.62
312-0258	M5x0.8mm	£2.13
312-0242	M6x1mm	£1.77
312-0236	M8x1.25mm	£2.33

STANDARD STAINLESS STEEL HINGES

- Riveted pin for additional security
- Supplied with stainless steel sheet metal countersunk screws



726-4107	60 x 60mm	£17.28	894-6939	Satin Stainless Steel	£8.81
726-4119	100 x 80mm	£23.46	894-6948	Polished Stainless Steel	£12.89

HEAVY DUTY, RADIUSED CORNERS

- Mounting by bolts or rivets
- Hinge pin is riveted at both ends
- 10 mm dia fixing holes
- Material thickness 6 mm
- 75 mm (L) x 90 mm (W)

**STAINLESS STEEL HINGES**

- Robust, with excellent anti-corrosive properties
- Ideal for the food, pharmaceutical and other 'clean' industries
- Vibrated and Chrome treated
- Stainless Steel 304



749-1706	38x40x2mm	£11.43
749-1696	68x37x2mm	£11.16
749-1692	304 stainless steel hinge,78x40x2.5mm	£15.75

FINGER PLATE

- 330 x 75mm



STRIP BRUSHES

- Manufactured from black Nylon 6 filament
- Encased in an electrogalvanised mild steel channel and housed in an extruded mill finished aluminium alloy carrier
- Operating temperature range -50°C to +100°C and resistant to most common solvents
- Instructions supplied with the product



326-9836	25 (L) x 2.4 (T) mm	£12.71
326-9858	32 (L) x 2.4 (T) mm	£12.81
326-9820	45 (L) x 2.4 (T) mm	£16.92
326-9909	50 (L) x 2.4 (T) mm	£22.17
326-9937	60 (L) x 4 (T) mm	£31.30
326-9965	75 (L) x 4 (T) mm	£34.33
326-9987	115 (L) x 4 (T) mm	£47.78

EPDM RUBBER LIP GASKET

- 4 Lip gasket
- Black
- Sponge EPDM rubber
- Shore 25°



SPONGE RUBBER / STEEL WIRE INSERT

- Black soft sponge rubber sealing strip with steel wire insert
- Designed to provide edge protection for sheet material
- May also be used to reduce noise and wear resulting from vibration



619-1708	Sealing strip, EPDM, 0-2.5 mm	£49.25
619-1736	Sealing strip, EPDM, 1-3.5 mm	£60.35

EPDM RUBBER SPONGE GASKET

- Adhesive backed profile
- Black
- EPDM rubber sponge gasket



PVC EDGING STRIP

- Black PVC with steel wire insert
- Provides edge protection to sheet material and reduces noise and wear resulting from vibration
- Temperature range -40°C to +90°C
- 20 m (L) x 8.5 mm (H) x 5.6 mm (W)



SEALING STRIPS

- Provides edge and face protection to sheet metal and reduces noise/wear resulting from vibration
- Material: EPDM
- Panel thickness 1.5 to 2 mm



619-1635	EPDM, 15mm	£42.38
619-1590	PVC, EPDM, insert, 125,1-4	£103.45

PVC SEALING STRIP

- Black PVC with steel wire insert
- Provides edge protection to sheet material and reduces noise and wear resulting from vibration
- Temperature range -40°C to +90°C



837-2110	10.0 x 12.0 mm	£47.00
837-2117	6.0 x 9.0 mm	£43.15
837-2114	7.0 x 12.0 mm	£65.68

727-6037 £43.22

619-1528	14.4 x 10.5	£57.27
619-1534	17x10.5	£59.37
619-1506	1.2,9x6	£47.63
619-1512	1-3,12x9	£51.72

INSPECTION WINDOWS

- IP67 (The 2 Module window has IP44 rating)
- Polycarbonate inspection windows in smoked grey
- Windows are spring-loaded and can be secured with thumb screws
- Temperature rating -25°C to +80°C



297-1207	127 x 24 x 93.5 mm	£19.50
297-1213	162 x 24 x 93.5 mm	£21.95
297-1241	162 x 47 x 93.5 mm	£23.40
297-1229	234 x 24 x 93.5 mm	£24.14
297-1235	127 x 47 x 93.5 mm	£20.90

METAL LOCK

- Lock for use with enclosures



842-8478	Ronis type key	£4.53
842-8469	Tkey	£3.72

WALL MOUNT BRACKET KIT

- Manufactured in 4 mm sheet steel, zinc plated
- Pack of 4 pieces with fixing hardware



842-8475	Terminal Boxes	£3.58	517-4308	165 x 127 x 77 mm	£23.59
842-8471	Wall Boxes	£3.58	517-4314	250 x 250 x 101 mm	£44.16

SEALED DIN TYPE, DIECAST BOXES

- Cases with IP65 splash-proof cover and neoprene gasket
- Suitable for mounting DIN Rail BS5584: 1978 (DIN 46 277-3, EN 50.22) and allows standard 22.5 mm module cases to be fitted in the following quantities



282-1102	106 x 106 x 71 mm	£14.34
229-0362	167 x 142 x 81 mm	£30.30

DIECAST ALUMINIUM ENCLOSURE, EMI/RFI SHIELDED

- Diecast aluminium alloy (LM24, BS1490)
- Lid with lip ensures EMI/RFI screening better than 40 dB at 10 MHz and 76 dB at 100 kHz
- Zinc plated mild steel M3.5 fixing screws
- Box can be used up to 250°C without any adverse effects to the material or its structure



517-3298	115.3 x 64.5 x 54.9 mm	£4.99
517-3333	115.7 x 90.5 x 54.9 mm	£7.35
517-3361	139.7 x 101.6 x 76 mm	£13.25
517-3383	165 x 127 x 76 mm	£13.80
517-3412	171.5 x 120.6 x 105.7 mm	£16.20
517-3355	171.5 x 120.6 x 54.9 mm	£14.50
517-4437	222.3 x 146 x 105.7 mm	£22.32
517-3305	275 x 175 x 65 mm	£30.16

ENCLOSURE - HIGH TEMPERATURE

- Diecast aluminium alloy (LM24, BS1490)
- 3 mm thick lid incorporates a neoprene and self-adhesive backed seal
- Stainless steel M3.5 x 16 mm fixing screws
- The temperature range for the seal is -34°C to +80°C, the box however can withstand a temperature of up to 250°C
- These boxes are tapered which makes them unsuitable for stacking



517-3484	114 x 64 x 55 mm	£9.06
517-3434	172 x 121 x 106	£19.72
517-4459	222 x 146 x 57 mm	£21.74
517-4465	222 x 146 x 107	£27.00
517-3428	250 x 250 x 101	£30.20
517-3440	275 x 175 x 66 mm	£36.28

EMI/RFI SCREENED STOVE FINISH ENCLOSURE

- Diecast aluminium alloy (LM2, BS1490)
- Stove Finish - is a coarse textured acrylic stove finish
- Close fitting lids with lip secured by stainless steel M3.5 countersunk screws
- Minimum wall thickness 1.6 mm

**IP65 POWDER COATED ENCLOSURE**

- Diecast aluminium alloy (LM2, BS1490)
- Provided with a neoprene self-adhesive seal which gives protection to IP65 when fitted
- Stainless steel M3.5 fixing screws
- Minimum wall thickness 1.6 mm



517-3822	153 x 64.5 x 54.9 mm	£9.97
517-3850	171.5 x 120.6 x 54.9 mm	£17.68
517-3838	222.3 x 146 x 55 mm	£19.61
517-3894	222.3 x 146 x 106.7 mm	£20.99
517-3967	115 x 65 x 55 mm	£9.36
517-3989	275 x 175 x 65 mm	£39.65

IP65 ENCLOSURE WITH PCB SLOTS

- Sandblasted finish with 3 mm wall thickness
- Neoprene gasket for IP65 protection
- Temperature range: -40°C to +100°C
- Four recessed screws secure lid into tapped holes
- Slots provided for mounting PCBs
- DIN rail can be fixed to the base



282-1225	202 x 102 x 81 mm	£24.06
282-1253	252 x 87 x 75 mm	£27.09
282-1269	262 x 127 x 91 mm	£31.97

Diecast aluminium enclosure, EMI/RFI shielded

- Diecast aluminium alloy (LM24, BS1490)
- Lid with lip ensures EMI/RFI screening better than 40 dB at 10 MHz and 76 dB at 100 kHz
- Zinc plated mild steel M3.5 fixing screws



517-3311	Natural Aluminium 250 x 250 x 100 mm	£28.65
517-3917	Diecast Aluminium 250 x 250 x 100 mm	£37.05

EMI/RFI - FLANGED ENCLOSURE

- Diecast aluminium alloy (LM24, BS1490)
- Lid with lip ensures EMI/RFI screening better than 40 dB at 1.0 MHz & 76 dB at 100 kHz
- Pre-drilled external mounting flanges Ø6.2 mm
- Zinc plated mild steel M3.5 fixing screws
- PCB mounting guides



517-3737	140 x 64 x 55 mm	£16.57
517-3715	114 x 64 x 30 mm	£14.55

FLANGED ENCLOSURE

- Made from flame retardant high impact ABS and is available in either black or white
- It has a flanged base with holes for wall mounting, a snap fit cover, and easy to cut cable outlets in the cover



919-0323	Black, 50 x 50 x 27 mm	£2.26
919-0339	Black, 70 x 50 x 42 mm	£2.40
919-0351	Black, 80 x 80 x 43 mm	£2.70
919-0354	Black, 105 x 70 x 50 mm	£3.59
919-0367	White, 50 x 50 x 27 mm	£2.26
919-0373	White, 70 x 50 x 42 mm	£2.40
919-0395	White, 80 x 80 x 43 mm	£2.70
919-0398	White, 105 x 70 x 50 mm	£3.59

GENERAL PURPOSE POLYESTER ENCLOSURE WITH NEOPRENE SEAL

- Grey powder coat finish
- ATEX and IECEx approved
- IK09 and IP66 rated
- Also ideal for use on locomotives, crane hoists, solar panels and load cell
- Stainless steel captive lid screws
- Service temperature: -50°C to 135°C



918-8799	Black 160 x 160 x 90 mm	£33.92
918-8828	Black 220 x 120 x 90 mm	£39.18
918-8847	Black 260 x 160 x 90 mm	£58.16
918-8780	Grey 160 x 160 x 90 mm	£36.04
918-8815	Grey 220 x 120 x 90 mm	£36.31
918-8840	Grey 260 x 160 x 90 mm	£51.63

Diecast aluminium enclosures

- Grey powder coat finish
- ATEX and IECEx approved
- IK09 and IP66 rated
- Also ideal for use on locomotives, crane hoists, solar panels and load cell
- Stainless steel captive lid screws
- Service temperature: -50°C to 135°C



122-8917	58 x 64 x 34 mm	£13.74
122-8919	75 x 80 x 57 mm	£14.13
122-8918	98 x 64 x 34 mm	£15.06
122-8916	100 x 100 x 81 mm	£32.43
122-8935	122 x 120 x 81 mm	£34.29
122-8926	160 x 160 x 91 mm	£48.88
122-8927	230 x 200 x 110 mm	£72.96
122-8932	280 x 230 x 110 mm	£109.58
122-8923	330 x 230 x 110 mm	£113.00
122-8921	330 x 230 x 180 mm	£142.68

IP66 DIECAST ALUMINIUM ENCLOSURE, POWDER COATED

- IP66 rated and are specifically designed for Harsh & Demanding applications
- The enclosure includes a lid and base, captive stainless steel lid screws, a Neoprene O-Ring continuous gasket and 4 copper plated earthing screws
- IP66 ingress protection
- Cover seal temperature stability -40 to +100°C
- DIN rail mounting point
- Wall thickness 3 mm



846-3011	Grey, 230 x 200 x 110 mm	£70.54
846-2967	Natural, 230 x 200 x 110 mm	£56.52
846-3002	Grey, 280 x 180 x 100 mm	£74.26
846-2958	Natural, 280 x 180 x 100 mm	£58.30
846-3014	Grey, 330 x 230 x 110 mm	£117.28
846-2960	Natural, 330 x 230 x 110 mm	£85.24
846-3027	Grey, 330 x 230 x 180 mm	£134.87
846-2973	Natural, 330 x 230 x 180 mm	£133.70
846-3020	Grey, 400 x 310 x 110 mm	£157.03
846-2976	Natural, 400 x 310 x 110 mm	£145.38
846-3024	Grey, 400 x 310 x 180 mm	£243.32
846-2970	Natural, 400 x 310 x 180 mm	£200.93

INSTRUMENT BOXES

- Flame retardant material, glass fibre reinforced Noryl™ SE1 GFN2 to give good mechanical strength and electrical properties
- Moulded in card guides for 1.6mm PCBs
- Conforms to DIN 43700
- Screw fitted 1.5 mm Noryl™ rear panel



500-005	138 x 96 x 48 mm	£22.91
500-033	144 x 138 x 72 mm	£29.94

MULTI-USE ELECTRONIC ENCLOSURE

- Made from high grade cold rolled steel, 0.9 mm thick, with aluminium front and rear panels
- Side members have slotted brackets for mounting PCBs or chassis plates
- Case heights conform to IEC297
- Conforms to ASTM D610-01 and ASTM B117 (500 hours salt spray test)
- RoHS compliant



754-6005	4U x 178D x 305W	£33.37
754-6036	5U x 279D x 432W	£55.28
754-5957	1.5U x 178D x 203W	£19.52
754-5963	1.5U x 279D x 203W	£23.58
754-5985	2U x 279D x 305W	£30.10
754-5995	3U x 279D x 203W	£31.03
754-6008	3U x 279D x 305W	£32.04
754-6020	4U x 279D x 432W	£51.84

IP66 WALL BOXES

- Constructed from 1.2 mm AISI 304 natural finish stainless steel and have an IP66 rating
- The door of the enclosure has a pull out hinge which allows it to be removed for easy access
- Pull out hinge pins allow door to be completely removed for access
- Material 304 / 1.4301 stainless steel and IP66 protection



749-1829	200 x 200 x 150 mm	£110.17
749-1838	300 x 300 x 150 mm	£117.58
749-1832	400 x 400 x 150 mm	£179.87
749-1844	400 x 500 x 250 mm	£256.67

IP66 SHEET STEEL WALL BOXES WITH DIN RAIL

- These wall boxes have an IP66 and IK10 rating, protecting them against dust, powerful water jets and mechanical impacts
- They are made from sheet steel and have a polyester epoxy powder coat textured grey finish



915-5979	400 x 600 x 210 mm	£69.57
915-5963	600 x 600 x 200 mm	£78.63
915-5960	800 x 600 x 210 mm	£100.35
915-5966	800 x 600 x 300 mm	£117.29

INSULATED IP65 ABS WALL BOXES

- A high quality insulated wall mount enclosure designed for outdoor applications and harsh environments
- Constructed of ABS material which gives a smooth, high gloss finish, with good resistance to chemical attack and excellent insulating properties
- 200° door opening
- Temperature rating -25 to +60°C
- RoHS compliant with IP65 protection



746-7393	280 x 210 x 130 mm	£32.69
746-7396	400 x 300 x 165 mm	£42.67
746-7390	400 x 300 x 195 mm	£51.90
746-7400	500 x 400 x 175 mm	£61.81
746-7403	600 x 400 x 200 mm	£75.38

IP65 MILD STEEL WALL BOX

- IP66 wall box
- Constructed from 1.5 mm mild steel with a textured polyester powder coated finish, grey RAL 7032
- Plain door with either a single or double lock
- IK10 protection against mechanical impacts
- Zinc coated 2 mm steel chassis plate



842-8443	400 x 400 x 150 mm	£37.35
842-8447	400 x 500 x 300 mm	£43.60
842-8291	600 x 700 x 200 mm	£98.23
842-8456	600 x 800 x 400 mm	£130.40
842-8459	800 x 800 x 300 mm	£152.59
842-8295	800 x 1000 x 200 mm	£169.95
842-8462	1000 x 1000 x 300 mm	£205.16
842-8465	1200 x 600 x 250 mm	£172.58

IP66 STAINLESS STEEL WALL BOX WITH CHASSIS PLATE

- IP66 wall box
- Constructed from 1.2 mm AISI 304 natural finish stainless steel
- Plain door with single lock
- IK10 protection against mechanical impacts
- Zinc coated 1.5 mm steel chassis plate



842-8406	300 x 300 x 150 mm	£70.45
842-8370	300 x 300 x 200 mm	£146.27
842-8361	300 x 400 x 150 mm	£154.97
842-8342	300 x 400 x 200 mm	£169.45
842-8380	400 x 300 x 150 mm	£154.14
842-8383	400 x 300 x 200 mm	£169.45
842-8392	400 x 400 x 150 mm	£174.73
842-8409	400 x 400 x 200 mm	£202.25

IP69K 304 & 316 STAINLESS STEEL WALL BOXES

- A range of high specification wall boxes with a brushed finish made from either AISI 304 or 316 stainless steel
- These rugged, multi-purpose enclosures have a new double lip edge to ensure higher strength and ease of installation for the panel builder / end user



758-6996	300 x 300 x 200 mm	£245.12
758-7002	300 x 400 x 200 mm	£256.05
758-7006	400 x 300 x 200 mm	£260.71
758-7009	400 x 400 x 200 mm	£299.85
758-7214	500 x 600 x 300 mm	£477.78

IP66 SHEET STEEL WALL BOXES

- Providing IP66 and IK10 protected
- Polyester epoxy powder coat textured finish RAL 7032
- Enclosure and door made from sheet steel either 1.2 mm or 1.5 mm thick (depending on size)
- Mounting plate is made from zinc-coated steel either 1.5 mm or 2.0 mm (depending on size)



775-5300	300 x 250 x 150 mm	£35.40
775-5319	300 x 300 x 210 mm	£47.61
775-5312	300 x 400 x 210 mm	£47.90
775-5316	400 x 300 x 210 mm	£51.90
775-5325	400 x 400 x 210 mm	£53.29
775-5328	400 x 600 x 210 mm	£59.41
775-5322	500 x 400 x 210 mm	£62.54
775-5331	500 x 500 x 210 mm	£74.01
775-5334	500 x 500 x 300 mm	£89.33
775-5788	300 x 200 x 150 mm	£36.98
775-5791	300 x 300 x 150 mm	£44.34
775-5794	300 x 400 x 200 mm	£47.23
775-5798	400 x 300 x 150 mm	£49.27
775-5808	400 x 300 x 200 mm	£53.88
775-5801	400 x 400 x 200 mm	£57.87
775-5811	600 x 500 x 200 mm	£77.41
775-5820	600 x 600 x 200 mm	£80.21

KNOBS & HANDLES

SPRING-LOADED FOLD DOWN

- Lie flat polythene grip handle



750-294	Small	£21.04
750-272	Large	£26.44

FOLD-DOWN MEDIUM DUTY

- Moulded comfort grip handle
- Made from steel



750-200	Fold Down Handle	£7.31
750-288	Small Spring Load Handle	£9.16

TWO-SPOKED ALUMINIUM

- Rim turned and polished aluminium, body matt shot blasted
- Plastic (Duroplast) revolving handle
- Does not require painting or other surface treatments
- Excellent anti-corrosive properties
- Particularly suited to the food, pharmaceutical and other clean industries
- Supplied for keyway fitting



237-552	125 mm dia.	£32.53
237-536	140 mm dia.	£37.49
237-558	160 mm dia.	£42.35
237-520	200 mm dia.	£56.52

KNURLED TORQUE KNOBS

- Suitable for a wide range of applications including fabrication and maintenance
- Zinc plated steel inserts



702-7526	M4 x 20,18 mm dia.	£14.35
702-7532	M5 x 10,22 mm dia.	£14.71
702-7535	M5 x 15,18 mm dia.	£14.39
702-7538	M5 x 20,18 mm dia.	£14.57
702-7544	M6 x 10,22 mm dia.	£14.83
702-7557	M6 x 20,26 mm dia.	£18.70

IMPACT RESISTANT

- Nylon Polyamide 6 knobs with stud, female inserts and thru' thread
- Zinc plated steel studs or brass female threaded bushes
- Working temperature -30°C to +85°C
- Melting point +215°C
- Tolerant of weak acids, with excellent resistance to chlorinated hydrocarbons



161-470	M8	£23.33
169-373	M10	£34.12

PHENOLIC CROSS KNOBS

- Wood filled phenolic knobs to BS771 with zinc plated steel threads and light alloy inserts
- 30°C to +140°C working range



686-610	M6 x 25 mm	£20.97
686-109	M6 x 30 mm	£27.24
686-626	M6 x 40 mm	£21.17
686-193	M6 x 9 mm	£29.37
686-632	M8 x 20 mm	£19.56
686-654	M8 x 40 mm	£28.36

SCALLOP HANDWHEEL KNOB IMPACT RESISTANT

- Nylon Polyamide 6 knobs with stud, female inserts and through thread
- Zinc plated steel studs and alloy female threads
- Matt black finish
- Working temperature -30°C to +85°C
- Melting point +215°C



161-127	M10	£35.29
161-111	M8	£23.83
161-183	M8 x 40	£29.52
161-240	M10	£38.61
161-234	M8	£26.85

KNURLED (SELF ASSEMBLY) THUMB SCREW KNOBS

- Black Gloss Delrin acetal resin
- Can be assembled into complete threaded knobs by inserting a socket head cap screw (not supplied) into the base of the cap
- To avoid over-pressure, use a stop or spacer equivalent to length of screw less depth of screw head



771-673	16 mm dia x M5	£11.69
771-689	19 mm dia x M6	£16.42
771-667	13 mm dia x M4	£8.94

THERMOPLASTIC KNOBS - METRIC

- Resistant to most chemicals, UV light and water absorption (1.5% max.)
- Temperature range -20°C to +110°C (short term withstand +170°C)
- Zinc plated steel, Brass or Stainless steel inserts



702-7649	M10 x 25,60dia	£31.09
702-7627	M6 x 15,28dia	£22.76
702-7633	M8 x 20,40dia	£27.80

ADJUSTABLE CLAMP LEVER - BLACK

- Designed for repetitive fixing or clamping
- Manufactured in tough, glass filled nylon



478-589	Black nylon,Stl,M6 x 20,43,M	£4.15
478-595	Black nylon,Stl,M6 x 30,43,M	£4.15
478-591	Black nylon,Stl,M8 x 20,65,M	£4.71
478-945	Black nylon,Stl,M8 x 40,65,M	£4.74
478-242	Black nylon,Stl,M6 x 10,43,F	£3.88
478-258	Black nylon,Stl,M8 x 12,65,F	£4.39
478-226	Black nylon,Stl,M8 x 15,83,F	£5.08

ADJUSTABLE CLAMP LEVER - ORANGE

- Designed for repetitive fixing or clamping
- Manufactured in tough, glass filled nylon



478-674	Orange nylon,Stl,M10 x 50,83,M	£6.90
478-365	Orange nylon,Stl,M6 x 30,43,M	£4.16
478-355	Orange nylon,Stl,M8 x 20,65,M	£4.61
478-327	Orange nylon,Stl,M8 x 30,65,M	£4.71

ZINC HANDLE - STAINLESS STEEL MALE STUD

- Designed for repetitive fixing or clamping
- Ideal for use in small spaces
- Alternatively hexagon keys may be used - use 3 mm for 42 mm, 4 mm for 65 mm and 78 mm, 5 mm for 92 mm size



478-282	M10 x 40,78,M	£33.54
478-264	M10 x 50,92,M	£43.58
478-084	M6 x 20,42,M	£23.90
478-860	M6 x 32,42,M	£24.32
478-129	M8 x 20,65,M	£28.17
478-125	M8 x 25,65,M	£28.63
478-103	M8 x 32,65,M	£29.68
478-080	M8 x 40,65,M	£29.90
478-090	M8 x 50,65,M	£30.30

ZINC HANDLE - STEEL FEMALE THREADED INSERT

- Designed for repetitive fixing or clamping
- Ideal for use in small spaces
- Alternatively hexagon keys may be used - use 3 mm for 42 mm, 4 mm for 65 mm and 78 mm and 5 mm for 92 mm sizes



478-589	Black nylon,Stl,M6 x 20,43,M	£4.15
478-595	Black nylon,Stl,M6 x 30,43,M	£4.15
478-591	Black nylon,Stl,M8 x 20,65,M	£4.71
478-945	Black nylon,Stl,M8 x 40,65,M	£4.74
478-242	Black nylon,Stl,M6 x 10,43,F	£3.88
478-258	Black nylon,Stl,M8 x 12,65,F	£4.39
478-226	Black nylon,Stl,M8 x 15,83,F	£5.08

PHENOLIC TAPERED HANDLES

- Zinc plated male studs or moulded female threaded options
- Resistant to most industrial chemicals and ultra-violet light
- Gloss Black
- Temperature range -30 to +140°C

**ZINC HANDLE - STEEL MALE STUD**

- Designed for repetitive fixing or clamping
- Ideal for use in small spaces
- Alternatively hexagon keys may be used - use 3 mm for 42 mm, 4 mm for 65 mm and 78 mm, 5 mm for 92 mm size



478-995	M6 x 20,42,M	£18.47
479-011	M6 x 32,42,M	£16.36
478-292	M8 x 25,65,M	£22.61
478-298	M8 x 32,65,M	£19.04
478-305	M8 x 40,65,M	£24.90
478-254	M8 x 50,65,M	£20.92
478-309	M10 x 20,78,M	£22.57
478-882	M10 x 32,78,M	£27.87
478-872	M10 x 40,78,M	£24.92
478-848	M10 x 50,78,M	£28.95
478-876	M10 x 50,92,M	£35.30
478-844	M12 x 32,92,M	£33.97
478-854	M12 x 40,92,M	£28.15
478-850	M12 x 50,92,M	£35.14
478-135	M12 x 63,92,M	£28.22

REVOLVING HANDLES

- Resistant to oils, greases, most chemicals and UV light
- Steel stud
- Temperature range -30 to +140°C



702-7566	M10 x 15,L:113 mm	£9.81
702-7560	M12 x 23,L:140 mm	£14.51
702-7563	M8 x 12,L:92 mm	£8.99

STEPS & LADDERS

GLASS FIBRE STEP LADDERS

- Ideal for electrical contractors, these fibreglass steps offer protection where electrical hazards exist



553-838	4 Step	£62.71
553-816	5 Step	£85.75
553-832	6 Step	£91.39
553-822	7 Step	£108.12
553-826	8 Step	£107.10

GRP STEP LADDERS

- Our range of platform stepladders are the ideal choice for electrical contractors, maintenance teams and tradesmen
- Featuring non-conductive glass reinforced polyester stiles, double riveted aluminium treads and riveted non-slip feet
- Available in a range of different sizes from 3 tread up to 10 tread stepladders



914-3468	1 x 3 treads	£118.32
914-3462	1 x 4 treads	£138.72
914-3471	1 x 5 treads	£160.14
914-3474	1 x 6 treads	£180.54
914-3478	1 x 7 treads	£201.96
914-3487	1 x 8 treads	£222.36
914-3480	1 x 9 treads	£246.84
914-3484	1 x 10 treads	£268.26

HOP UP PLATFORM

- Lightweight work platform ideal for low level jobs
- Steel locking hinges
- Lightweight yet durable
- Compact when closed
- Easy to store & transport



771-9168		£69.63
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HAND RAILS

- GS Approved Fort Buttress Steps
- These hand rails offer extra support and comfort when in use, available in 3 sizes to suit the number of steps and platform height



103-8710	Paint 4 step handrail	£69.64
103-8709	Paint 3 step handrail	£61.02
103-8708	Paint 2 step handrail	£58.35

GS APPROVED FORT BUTTRESS STEPS

- Our range of GS approved fort buttress steps feature a fort steel framed construction
- Also featuring a graduated width & 45° easy slope comfort angle, making these steps strong, comfortable & stable
- The 2-step unit is static but can easily be carried, the 3 or 4-step versions are mobile on 2 x 150 mm rear wheels



103-8707	Paint 4 step mesh	£396.78
103-8706	Paint 3 step mesh	£342.72
103-8705	2 step mesh tread	£182.58

GS APPROVED FORT DOCK STEPS

- Our range of GS approved fort dock steps feature a fort steel framed construction with lift handles and rubber wheels for easy manoeuvrability
- The open rear allows the user step through access to a loading bay or lorry



103-8704	Painted 4 step mesh tread	£427.38
103-8702	Painted 3 step mesh tread	£357.00

HEAVY DUTY MOBILE STEPS

- A range of fully welded, tubular framed mobile safety steps
- Wide base for increased stability and non slip rubber feet
- Double handrail
- Finished in a red epoxy powder coat



412-024	5 Step	£576.00
412-034	4 Step	£478.00

MOBILE SAFETY STEPS

- Easy to move where you need them, they also increase your safety with double hand rails
- All supplied with retractable sprung castors within a steel hoof/cover
- Manufactured from steel
- 50 mm swivel castors under a steel hoof which retract with weight
- Supplied with ribbed rubber anti-slip treads and platform
- Powder coated blue



909-7075	Five Step	£466.00
669-3734	Four Step	£436.00
669-3730	Three Step	£355.00
909-7066	Two Step	£270.00

PREMIER COMMERCIAL STEPS

- Premium commercial steps benefit from retractable castors and four well-spaced rubber feet
- Easy to move where you need them
- Average working heights from 2440 mm to 2900 mm
- Manufactured from steel tube
- Epoxy powder coated finish in red



909-7081	6 Tread	£653.00
909-7072	5 Tread	£563.00
909-7078	4 Tread	£498.00

WELDED STRAIGHT LINK CHAIN

- A range of steel chains with a choice of surface finish: galvanized, japanned, and zinc plated.
- Chains supplied boxed in 10 m lengths



750-389	Galvanised steel chain 14 L x2.5 mm dia	£16.15
750-402	Galvanised steel chain 16 L x3 mm dia	£17.58
750-424	Galvanised steel chain 19 L x4 mm	£22.57
750-418	Galvanised steel chain 21 L x3 mm dia	£16.25
750-430	Galvanised steel chain 32 L x4 mm dia	£20.18
750-452	Galvanised steel chain 35 L x5 mm dia	£26.73
750-480	Galvanised steel chain 38 L x7 mm dia	£43.24
750-474	Galvanised steel chain 42 L x6 mm dia	£36.24
752-408	Zinc Plated Steel Chain 14 L x2.5 mm dia	£17.46
752-442	Zinc Plated Steel Chain 26 L x3 mm dia	£14.88
752-464	Zinc Plated Steel Chain 32 L x4 mm dia	£20.90
752-486	Zinc Plated Steel Chain 35 L x6 mm dia	£28.89
752-509	Zinc Plated Steel Chain 42 L x6 mm dia	£44.59

QUICK REPAIR LINKS

- Zinc plated steel with standard aperture
- Aperture allows for fast repair of chains
- Size is Link dia x O/A length



750-575	3.5 mm Link diameter 36 mm Length	£10.39
750-581	4 mm Link diameter 39 mm Length	£11.83
750-597	5 mm Link diameter 49 mm Length	£13.12
750-604	6 mm Link diameter 57 mm Length	£15.33
750-626	8 mm Link diameter 75 mm Length	£12.31

EYEBOLTS

- A range of high quality, metric eyebolts with collar
- BS4278 for use in a wide range of lifting applications
- Proof tested and supplied complete with test certificate
- Carbon steel



673-692	M10	£4.69
673-642	M12	£4.91
673-658	M16	£5.09
673-664	M20	£8.03
673-670	M24	£15.75
673-686	M30	£20.80

ZINC PLATED EYE NUTS

- Suitable for a wide variety of applications such as tensioning wires, securing loads and lifting applications

**DOUBLE SCISSOR LIFT TABLE**

- Elevated by pump action foot pedal
- Hand operated release trigger
- Lifting height 1585 mm
- Closed height 432 mm

**POLYPROPYLENE ROPE**

- Tape ropes with a variety of minimum breaking loads
- All ropes meet the requirements of BS4928 Part 2
- Available in 220 m coils



672-958	6 mm 500 kg load	£17.68
672-964	8 mm 960 kg load	£35.72
672-970	10 mm 1425 kg load	£45.18
672-986	12 mm 2030 kg load	£63.05

STAINLESS BOW SHACKLES

- Stainless Steel (AISI 316) shackles with screw pin
- Ideal for use where rusting or contamination are not acceptable

**BOW SHACKLES**

- Galvanised alloy steel shackles with screw pin



193-039	0.5 ton	£4.19
674-083	1 ton	£5.25
674-099	2 ton	£8.40
674-106	3.25 ton	£9.45
674-112	4.75 ton	£15.75

DEE SHACKLES

- Zinc plated steel
- Sizes are Link dia x Internal width



750-632	5 x 10 mm	£6.36
750-648	6 x 13.5 mm	£7.36
750-654	8 x 16 mm	£8.47

STAINLESS AND GALVANISED 'D' SHACKLES

- Stainless steel shackles with screw pin, for securing loads or plant



183-5914	Stainless 5 mm diameter 50Kg	£4.40
183-5920	Stainless 8 mm diameter 150Kg	£6.30
312-3516	Stainless 10 mm diameter 250Kg	£12.35
312-3522	Stainless 16 mm diameter 750Kg	£36.78
674-049	Galvanised steel 5mm diameter 1 ton	£9.83
674-055	Galvanised steel 8mm diameter 2.5 ton	£12.61
674-061	Galvanised steel 7/8in diameter 3.5 ton	£15.76

ROUND LIFTING SLINGS

- Strong, flexible & lightweight
- High resistance to abrasion
- Shock absorbing



729-3044	Purple 0.5 m 1 ton pull	£6.62
729-3048	Purple 1 m 1 ton pull	£9.20
729-3057	Purple 1.5 m 1 ton pull	£10.88
729-3050	Purple 2 m 1 ton pull	£12.29
124-4856	Violet 5 m 1 ton pull	£22.66
124-4857	Violet 6 m 1 ton pull	£27.82
124-4858	Violet 8 m 1 ton pull	£38.12
124-4859	Violet 10 m 1 ton pull	£46.36
124-4860	Violet 12 m 1 ton pull	£61.81
124-4861	Green 1 m 2 ton pull	£8.24
729-2975	Green 2 m 2 ton pull	£13.40
729-3054	Green 3 m 2 ton pull	£17.33
729-2981	Green 4 m 2 ton pull	£21.00
729-2997	Green 5 m 2 ton pull	£26.25
124-4862	Green 6 m 2 ton pull	£41.21
124-4863	Green 8 m 2 ton pull	£53.57
124-4864	Green 10 m 2 ton pull	£66.96
124-4866	Yellow 1 m 3 ton pull	£10.30
729-2978	Yellow 2 m 3 ton pull	£12.29
729-3094	Yellow 3 m 3 ton pull	£20.18
729-2984	Yellow 4 m 3 ton pull	£23.64
124-4867	Yellow 6 m 3 ton pull	£55.63
124-4868	Yellow 8 m 3 ton pull	£72.11
124-4869	Yellow 10 m 3 ton pull	£90.66
729-2972	Red 1 m 5 ton pull	£21.01
124-4872	Red 5 m 5 ton pull	£50.48
729-2988	Red 4 m 5 ton pull	£33.10
124-4873	Red 6 m 5 ton pull	£77.06
124-4874	Red 8 m 5 ton pull	£119.34
124-4875	Red 10 m 5 ton pull	£155.04
124-4876	Red 12 m 5 ton pull	£180.54

POWERTEX DEE SHACKLES-SCREW PIN

- Forged alloy steel construction
- Suitable for a wide variety of applications
- Shock absorbing and high resistance to abrasion



124-4824	500 kg	£4.12
124-4825	750 kg	£5.15
124-4826	1 ton	£6.18
124-4827	1.5 ton	£7.21
124-4828	2 ton	£9.27
124-4829	3.25 ton	£15.45
124-4830	4.75 ton	£25.76
124-4831	6.5 ton	£39.15
124-4832	8.5 ton	£55.63

FLAT WEBBING SLINGS

- Duplex webbing provides extra strength
- Polyester construction, flexible & lightweight
- Easy to inspect for damage
- Becket Eyes ending



729-3010	Purple 1 m 1 ton pull	£8.04
729-3063	Purple 2 m 1 ton pull	£15.33
729-3029	Purple 3 m 1 ton pull	£14.84
729-3066	Purple 4 m 1 ton pull	£18.79
124-4878	Purple 6 m 1 ton pull	£34.00

GALVANISED RIGGING SCREWS

- Jaw to jaw or jaw to eye fixings with a closed body
- Suitable for tensioning wires or securing loads



124-4846	12 mm thread 700 kg working load limit	£45.33
124-4847	16 mm thread 1250 kg working load limit	£91.69

SUCTION LIFT

- Industrial quality
- Ideal for handling objects with a non-porous surface
- Manufactured from impact resistant plastic or cast aluminium body



285-361	Single 120 mm cup 40 kg lifting capacity	£50.31
285-355	Double 120 mm cup 80 kg lifting capacity	£20.59
431-0474	Double 115 mm cup 70 kg lifting capacity	£38.85
285-383	Triple 120 mm cup 80 kg lifting capacity	£80.82

GALVANISED OPEN THIMBLES

- Designed to give protection to the eye of wire rope
- Installed inside the loop, it preserves the shape and protects the cable from pinching
- Made from steel with a galvanised finish



124-4796	11 mm wire/rope diameter	£24.72
124-4795	12 mm wire/rope diameter	£21.01
124-4797	13 mm wire/rope diameter	£28.85

CATENARY WIRE CABLE SUPPORT KIT

- 30 m length, 3 mm width wire rope
- Minimum breaking strain 652 kg
- RoHS Compliant



738-8694 £34.89

STAINLESS STEEL WIRE ROPE

- Suitable for securing and supporting applications
- Made of multiple stranded wires twisted together to give a strong breaking load
- 100 m reel



124-4755 1.5 mm 0.13 ton £72.11
124-4756 2 mm 0.23 ton £103.02

CATENARY WIRE

- Seven strand catenary wire supplied on reels
- Galvanised to protect against corrosion



193-051 3 mm dia x 50m length £22.26
193-067 5 mm dia x 50m length £48.31

GALVANISED WIRE ROPE

- Galvanised wire rope 6 x 7 FC (wire cored) supplied on reels



192-957	3 mm dia x 75m length	£44.93
197-0124	4 mm dia x 75m length	£61.72
192-963	5 mm dia x 75m length	£64.62

PVC COVERED WIRE ROPE

- For use on suspending or securing applications
- Not suitable for lifting



183-5829	3 mm x 75m	£73.56
183-5835	5 mm x 75m	£104.04

STAINLESS WIRE ROPE

- 316L grade stainless steel wire rope
- Ideal for applications where rust or contamination are not acceptable



183-5841	3 mm x 75m	£111.18
247-9032	4 mm x 75m	£118.32
183-5857	5 mm x 75m	£184.62
247-9048	6 mm x 75m	£236.64

STEEL WIRE ROPE

- Pre-crimped with an eye at both ends for quick and easy fitting
- Manufactured to the most demanding specifications
- Meets the needs of offshore, nuclear, crane and defence industries



124-4759	1m length 6 mm diameter 420Kg safe working load	£17.51
124-4760	2m length 6 mm diameter 420Kg safe working load	£21.63
124-4761	2m length 6 mm diameter 420Kg safe working load	£25.76
124-4762	1m length 8 mm diameter 820Kg safe working load	£24.72
124-4763	2m length 8 mm diameter 820Kg safe working load	£29.88
124-4764	3m length 8 mm diameter 820Kg safe working load	£34.00
124-4765	1m length 9 mm diameter 1000Kg safe working load	£28.85
124-4766	2m length 9 mm diameter 1000Kg safe working load	£35.03
124-4767	3m length 11 mm diameter 1000Kg safe working load	£42.24

STAINLESS WIRE ROPE GRIPS

- Quality stainless wire rope grips to DIN1142



183-5891	3 mm wire rope diameter	£4.11
183-5908	5 mm wire rope diameter	£4.62
247-9076	6 mm wire rope diameter	£4.72

ZINC PASSIVATED WIRE ROPE GRIPS

- Manufactured to DIN1142



491-5388	3 mm wire rope diameter	£4.72
197-0130	5 mm wire rope diameter	£5.90
197-0146	6 mm wire rope diameter	£9.17
197-0152	8 mm wire rope diameter	£8.74
197-0168	10 mm wire rope diameter	£18.50
197-0174	12 mm wire rope diameter	£35.32

RATCHET BUCKLES

- Professional range of ratchet buckles for tie-down and securing tasks
- Polyester & Steel construction
- Ideal for lashing & load control
- Suitable for lorry loading applications
- Approximately 50 mm wide



729-3013

£31.87

PLASTIC DOLLY

- Heavy duty plastic construction
- Fitted with 4 swivel castors
- Ideal for moving heavy loads
- Supplied flat packed



669-3702 400 mm (W) x 600 mm (L) x 110 mm (H) 100 kg Load

£41.21

389-0014 405 mm (W) x 610 mm (L) x 125 mm (H) 350 kg load

£82.83

LOAD RESTRAINT STRAPS

- Lashings manufactured from Polyester
- High resistance to abrasion
- Fitted with claw hooks & buckles



729-3114 4m

£15.11

729-3105 5m

£17.79

729-3117 4m hook end & lock

£10.55

CORNER TRANSPORT DOLLY

- Designed to fit in each corner of the load
- Heavy duty steel design
- Ideal for moving awkward rectangular loads
- Each corner dolly is fitted with three free moving castor wheels
- Sold in sets of four



851-7534

£115.26

MACHINERY MOVING SYSTEM

- A complete kit for the safe and easy movement of heavy and bulky loads up to 20 tons in any direction
- Can be used as single or multiple units
- 94 mm high with turntable
- Roller dimensions: 51(W) x 17(D)



218-226

£698.70



909-7038 115 x 680 x 450 mm

£49.15

909-7040 135 x 760 x 460 mm

£50.64

909-7047 135 x 910 x 610 mm

£52.79

FOOTMASTER SERIES CASTOR

- Versatile swivel castors
- Fitted with non-slip, vibration-damping rubber feet
- Can be adjusted to level the equipment during installation to provide firm, stationary support



611-4420	50 mm wheel diameter 250kg load capacity	£50.55
611-4486	50 mm wheel diameter 250kg load capacity ratchet	£59.83
611-4458	63 mm wheel diameter 500kg load capacity	£51.79
611-4436	63 mm wheel diameter 500kg load capacity ratchet	£87.65
611-4470	75 mm wheel diameter 750kg load capacity	£61.02
611-4442	75 mm wheel diameter 1000kg load capacity	£75.39
611-4464	75 mm wheel diameter 1500kg load capacity	£102.47

HIGH TEMPERATURE THERMOPLASTIC CASTOR

- Very wide operating temperature range of -70°C to +280°C
- Available in fixed, swivel and braked swivel versions
- Fixing centres 80 x 60 mm
- Fixing holes M8 clearance
- 100 mm wheel, 120 kg load capacity



420-3871 £31.83

BLUE TYRE CASTOR

- Zinc plated body and non-marking tyre
- Medium Duty Range with bright zinc finish
- Thread guards available on Nylon wheeled castors



687-310	Swivel 63 mm wheel 60kg load capacity	£13.30
687-326	Swivel 75 mm wheel 90kg load capacity	£20.45
196-4933	Fixed 75 mm wheel 90kg load capacity	£11.90

NON MARKING CASTOR

- General purpose industrial castors
- Non marking grey rubber tyre
- Available as plate fitting or stem fitting
- Braked and non-braked versions available

**LIGHT DUTY CASTOR**

- Fitted with white polypropylene wheels
- Good load capacity, non marking
- Easy to manoeuvre and hardwearing



828-6306	Braked 100 mm wheel diameter 70Kg load capacity	£9.11	828-6268	Swivel 50 mm top plate 50kg	£4.04
828-6293	Braked 50 mm wheel diameter 50Kg load capacity	£5.16	828-6261	Swivel 75 mm top plate 70kg	£5.02
828-6303	Braked 75 mm wheel diameter 70Kg load capacity	£6.74	828-6265	Swivel 100 mm top plate 125kg	£7.51
828-6287	Fixed 50 mm wheel diameter 50Kg load capacity	£4.03	828-6274	Swivel 50 mm wibrake 50kg	£4.95
828-6300	Fixed 75 mm wheel diameter 70Kg load capacity	£4.70	828-6277	Swivel 75 mm wibrake 70kg	£5.46
828-6319	Fixed 100 mm wheel diameter 70Kg load capacity	£6.30	828-6271	Swivel 100 mm wibrake 125kg	£8.83

TW SERIES FURNITURE CASTOR

- Semi-circular wheel cover
- Black finish
- 2 wheel castor



201-2897	40 dia M8 stud.	£8.05
313-2734	50 dia M8 stud	£9.35
201-2910	50 dia M10 stud	£10.50

NON-MARKING EXPANDER FITTING SWIVEL CASTOR

- Grey anti-static rubber tyres
- Light to medium duty applications
- Round expander fitting with 21.8 mm to 24.5 mm range



PUNCTURE PROOF WHEELS

- No requirement for re-inflation
- Totally puncture-proof
- Tyre life up to 4 times that of a pneumatic tyre
- Closed cell tyre construction does not absorb water, freeze or crack



TYRE LIGHT DUTY CASTOR

- Non marking grey rubber tyre
- Available as plate fitting or stem fitting
- Suitable for most floor surfaces
- Braked and swivel



828-6340	50 mm	£5.54
828-6344	75 mm	£6.83
828-6353	100 mm	£8.88

ELASTIC RUBBER TYRED WHEELS

- Excellent smooth and noiseless running
- High resistance to abrasion
- Temperature range -20°C to +70°C



PNEUMATIC TYRED WHEEL

- Tubed 2-ply pneumatic rubber tyre
- 20 mm steel hub with roller bearing



FOOTMASTER SERIES WITH LEVELLING FEET

- Versatile swivel castors
- Fitted with non-slip, vibration-damping rubber feet
- Can be adjusted to provide firm, stationary support
- 50 mm



611-4408	50 kg	£30.33	858-893	200 mm OD	£38.90
611-4414	250 kg	£50.56	858-900	260 mm OD	£30.17
611-4492	250 kg with ratchet	£59.83	621-9553	160 mm	£19.58

FIRM LOADING, NARROW TROLLEY

- Epoxy powder coated blue finish
- Varnished deck
- Double ended unit supplied with plywood infill ends
- Handle height: 880 mm
- Supplied flat-packed



292-4093

£215.22

MEDIUM DUTY TROLLEYS

- Steel construction with non-slip decks and scuff resistant corners
- Folding handle and non-marking castors



251-952 139 x 725 x 472 mm 150 kg load

£42.02

251-946 608 x 907 x 870 mm 300 kg load

£92.48

HYDRAULIC PLATFORM TRUCK

- Used for moving, lifting and positioning loads up to 300 kg
- Fitted with four composite wheels, two fixed and two locking castor
- One-piece hydraulic unit controlled by large rear mounted foot pedal
- Safety release mechanism positioned on handlebar for smooth controlled descent
- Safety bars to prevent inadvertent lowering
- Supplied with non-slip platform cover for added load security

**LIGHT DUTY FOLDING SACK BARROW**

- Lightweight aluminium/steel sack truck
- Collapses and extends in just a few seconds
- Suitable for compact storage



784-6036

£112.00

ROUGH TERRAIN TROLLEY

- Pneumatic wheels help to cope with uneven terrain
- 915 x 615 mm, 300 kg
- Folding handles



252-034

£141.78

STEEL TURNTABLE TRUCK

- Copes easily with rough terrain
- Full assembly instructions supplied
- 1160 x 540 x 1080 mm
- Pneumatic tyres



251-968

£134.64

MEDIUM DUTY SACK TRUCK

- Large pneumatic tyres
- Helps moving bulky and heavy objects
- 1120 x 595 x 435 mm



TROLLEYS & SACK BARROWS



TWO POSITION SACK TRUCK

- Ideal for use on uneven surfaces and rough terrain
- Convertible from sack truck to flat-bed trolley without use of tools
- 1380 x 550 x 520 mm



251-902

£138.72

ALUMINIUM SACK TRUCK

- Telescopic frame and folding footplate
- Compact folded size allows easy transport
- Solid tyred wheels
- 1090 x 412 x 406 mm



277-314

£40.80

HEAVY DUTY SACK TRUCKS

- Ideal for daily use in many environments
- Up to 300 kg loading capacity
- Rubber wheels make it easy to manoeuvre



103-8689 Height 1320 mm Width 510 mm

£142.80

103-8691 Height 1110 mm Width 515 mm + hand grips

£88.19

103-8693 Height 1310 mm Width 520 mm + wheel guards

£105.06

SOLID WHEEL SACK BARROW

- All welded tubular steel construction
- Solid footplate, centre strap and cushioned wheels with roller bearings
- Lightweight, designed for carrying sacks, cases, crates and parcels



621-1717 Height 1000 mm Width 425 mm

£103.00

669-3692 Height 1290 mm Width 470 mm foldable three position

£92.83

669-3709 Height 1180 mm Width 425 mm pneumatic wheels

£103.00

TRAY TROLLEY

- All welded steel construction
- Cushion wheels
- 860 x 500 x 1050 mm



WORKSHOP SERVICE TROLLEYS

- Tiered metal workshop trolley with rubber wheels
- Fitted with push/pull handle
- Easily manoeuvrable



388-7096 2 tier 1015 x 635 x 805 mm

£133.62

388-9991 3 tier 1015 x 635 x 805 mm

£165.24

POLYETHYLENE SHELF TROLLEY

- Manufactured from high density polyethylene
- Unaffected by acids, solvents and petroleum products
- Fitted with 4 in. swivel castors



225-6003	2 shelf trolley 880 x 890 x 610 mm Max 120 kg	£229.50
225-6019	3 shelf trolley 880 x 890 x 610 mm Max 120 kg	£277.44
444-2391	3 shelf trolley 840 x 610 x 458 mm Max 120 kg	£179.52

PLASTIC TROLLEY

- Lightweight aluminium uprights 4 x 560 mm
- Ribbed shelves provide added strength
- Hardwearing rubber castors



669-3746	630 x 424 mm 100 kg Load	£154.00
669-3740	866 x 500 mm 120 kg Load	£188.00
669-3759	630 x 424 mm 150 kg Load	£170.00
669-3752	866 x 500 mm 200 kg Load	£215.00

HYGIENE TROLLEY

- Strong, easy to clean 3 plastic shelves
- Aluminium frame
- 1030 x 960 x 510 mm



444-2458		£189.72
103-8687		£167.28

BLACK FOLDING BOX TRUCK

- Telescopic handle
- Durable plastic construction
- Can be open & shut in seconds
- Folds flat for easy carrying & storage



103-8695	395 x 330 mm 35 kg Load	£61.76
103-8701	395 x 330 mm 35 kg Load with lid	£50.98

FOLDING TROLLEY

- 3 polypropylene shelves and wipe clean aluminium frame
- Easy fold mechanism



125-2402		£261.72
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ESD 2 SHELF TROLLEY

- Used to transport and store tools and components
- ESD 75 mm castors with brakes
- Two adjustable shelves with a load capacity of 100 kg
- 460 x 760 x 1030 mm

**EURO CONTAINER TROLLEY**

- Complete with removable containers
- Soft, highly durable wheels to allow easy manoeuvrability
- Available in 6 tier or 8 tier trolleys
- Rear safety stop fitted to retain euro containers when loading
- Fully welded steel construction



877-6792	600 x 400 x 170 mm 250 kg Load 6 tier	£442.00
877-6806	600 x 400 x 200 mm 250 kg Load 6 tier	£467.16
877-6809	600 x 400 x 200 mm 250 kg Load 6 tier	£467.18
877-6780	600 x 400 x 120 mm 250 kg Load 8 tier	£416.44
877-6799	600 x 400 x 120 mm 250 kg Load 8 tier	£488.58

SQUARE TUBE 2-WAY CONNECTOR

- High grade polymer with steel core, offering strength and rigidity.
- Will fit any square tube with internal dimensions of 23 mm



621-691	2 way	£29.32
621-708	3 way	£35.22
621-736	4 way	£41.06

ROUND TUBE 2-WAY CONNECTOR

- Used as an end joint between the top rail and the upright
- 90 degree elbow



ROUND TUBE T-CONNECTOR

- Cast Iron
- Produces a 90° butt joint between two tubes
- Can be used to join through tube



286-3370	34 mm OD x 25 mm ID tube	£4.67
286-3386	42 mm OD x 32 mm ID tube	£6.30
286-3954	48 mm OD x 40 mm ID tube	£8.13

HINGES

- Die-cast zinc
- Used to hinge panels or aluminium profiles



286-3459	34 mm OD x 25 mm ID tube	£6.03
286-3465	42 mm OD x 32 mm ID tube	£9.03
286-3471	48 mm OD x 40 mm ID tube	£9.73

ANGLE BRACKET WITH CAP SET

- Designed to be used with structural profiles
- Compatible with Item Profile 6 and Profile 8 structural system components
- Die Cast Zinc



767-5566	28 x 28 x 28 mm slot 6	£5.29
767-5695	40 x 40 x 40 mm slot 8	£5.09
767-5698	76 x 76 x 38 mm slot 8	£8.72

767-5585	30 x 60 mm slot 6 black	£13.86
767-5768	40 x 80 mm slot 8 black	£14.79

767-5746		£220.67
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BALL CATCH

- A quick locking device for doors
- Glass filled reinforced nylon PA



GLASS PANEL STRIP

- Glass panel profile
- Used to fill slots and secure panels
- Plug-in slot 8 black 2 - 4 mm



RAIL BASE FLANGE

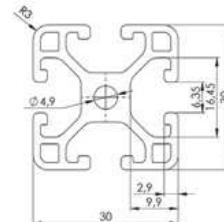
- Used for structural support for upright posts
- Made from cast iron with two pre-drilled holes with two securing hex key grub screws
- Ideal for terminating upright posts



286-3645	48 mm OD x 40 mm ID tube	£11.10
286-3623	34 mm OD x 25 mm ID tube	£7.40
286-3639	42 mm OD x 32 mm ID tube	£8.57

STRUCTURAL PROFILES

- Strong, light-weight, easily interchangeable elements
- Manufactured from extruded anodised aluminium
- Available in various lengths



761-3284	Profile 6 30 x 30 2m length	£18.34
761-3293	Profile 6 30 x 30 3m length	£27.40
761-3319	Profile 8 40 x 40 1m length	£12.99
761-3325	Profile 8 80 x 40 2m length	£49.74
761-3313	Profile 8 40 x 40 2m length	£26.01
761-3322	Profile 8 40 x 40 3m length	£38.76
761-3329	Profile 8 80 x 40 3m length	£73.43

PIVOTING FEET

- Designed to provide a strong positioning on uneven floors
- Foot comes with threaded rod



767-5840	Pivot foot base 60 black M10 x 66	£10.26
767-5875	Trapezium pivot foot base 80 M16 x 125	£12.61

STEEL TUBES

- Medium gauge steel tube
- Galvanised finish, BS1387
- 2000 mm length



285-8996	25 mm bore	£105.83
285-9034	40 mm bore	£107.30

END CAPS

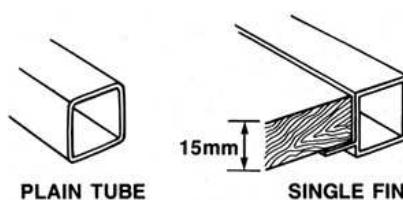
- For use with structural systems
- Cover cap 40 x 40 mm



767-5601		£6.00
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ALUMINIUM TUBE

- 25 mm square tube
- Natural anodised or black finish
- Tubes in 3 configurations suitable for retaining 15 mm thick material
- Uses 'Standard' connectors
- Wall thickness 1.2 mm
- Aluminium to BS1474 Type 6063 T5



519-071	Anodised	£219.23
436-724	Black	£233.01

TRANSIT CASES

TEKNO CASES

- Modern design and practical
- Optimum protection for high-quality and sensitive products
- Made from strong polypropylene, resistant to cold and suitable food storage



435-9693	261 x 175 x 77 mm	£13.31
435-9716	382 x 237 x 100 mm	£21.17
435-9700	450 x 360 x 140 mm	£32.13
492-7836	326 x 222 x 77 mm	£17.91
293-209	570 x 470 x 250 mm	£77.32

INJECTION MOULDED HEAVY CASE

- Innovative robust carry case
- Twin walls joined by structural moulded ribs
- Injection moulded from polypropylene
- Robust reinforced fitting hinge
- Cantilever snap latches which can be colour coded
- 465 x 325 x 160 mm



293-192		£50.62
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WATERTIGHT EQUIPMENT CASE

- Durable and lightweight black polyurethane
- Sealed and equipped with steel hinges
- Can be locked with a padlock
- Cases are available in different sizes and load capacity options



124-6587	515 x 415 x 154 mm	£117.38	556-777	220 x 160 x 40 mm	£10.30
124-6583	239 x 144 x 70 mm	£17.40	556-783	225 x 200 x 70 mm	£14.59
124-6584	246 x 175 x 77 mm	£27.19	551-491	340 x 250 x 80 mm	£21.57
124-6585	300 x 248 x 212 mm	£70.69	519-138	375 x 270 x 75 mm	£30.74
124-6586	420 x 280 x 186 mm	£97.89	519-144	435 x 308 x 90 mm	£42.63
			551-508	310 x 280 x 100 mm	£27.96
			519-150	510 x 360 x 114 mm	£52.64
			551-413	320 x 245 x 50 mm	£17.36

SAMPLE BOXES

- Moulded black polypropylene boxes
- Integral hinged lids and fastening catches
- 280 x 78 x 145 mm
- Supplied with two nylon-covered foam inserts



LOCKABLE STORAGE CHEST

- Large heavy duty steel storage chest
- Manufactured from heavy gauge steel
- Quick and easy to assemble
- Enamel finish helps prevent corrosion
- Features a cylindrical lock for added security



851-7521	1200 x 450 x 360 mm	£168.30
851-7519	565 x 350 x 320 mm	£89.28
851-7528	765 x 350 x 320 mm	£105.06

SHOWERPROOF ALUMINIUM TRANSIT CASES

- Strong and lightweight
- Stacking locators on each lid corner make it simple to stack and inter-stack
- Rubber seal in the lid makes this range of cases shower proof
- An ideal choice for transportation and storage of valuable or delicate items



STORAGE CASES

- Moulded in polypropylene with integral carrying handle
- Hinged lids and fastening catches
- Hard wearing, high resistance to damage
- Supplied with two nylon-covered foam inserts



914-4109	38 x 28.5 x 34 cm	£68.14
914-4121	58 x 38.5 x 18 cm	£87.61
914-4095	58 x 38.5 x 25 cm	£97.34
914-4092	58 x 38.5 x 34 cm	£97.34
914-4106	58 x 38.5 x 34 cm	£97.34
914-4086	58 x 38.5 x 41 cm	£97.34
914-4115	58 x 58.5 x 25 cm	£107.10
914-4083	58 x 58.5 x 61 cm	£145.86
914-4102	63 x 46.5 x 48 cm	£145.86
914-4077	78 x 58.5 x 41 cm	£145.86
914-4073	78 x 58.5 x 61 cm	£194.82
914-4118	93 x 67.5 x 48 cm	£243.78
914-4089	118 x 78.5 x 51 cm	£291.72
914-4112	168 x 78.5 x 73 cm	£218.00

SHELF BIN DIVIDERS

- Professional range of storage bins
- Ideal for use in any environment
- Can be used as a drawer, stacked and placed on a shelf
- Seamless, waterproof and corrosion resistant



775-5299	500 x 117 x 90 mm	£21.93
775-5296	500 x 234 x 90 mm	£22.66
775-5287	500 x 234 x 140 mm	£24.17

FREE STANDING LOUVERED PANELS

- Designed for long service life
- Epoxy powder coated blue finish and silver/grey feet
- Fitted with either a Single or Double Sided louvered panel
- Adjustable levelling feet
- External width: 1000 mm



424-5588	1 side louvre panel 1.5 x 1m	£176.00
424-5566	1 side louvre panel 2 x 1m	£210.00
424-5471	2 side louvre panel 2 x 1m	£302.00

WALL MOUNTING LOUVERED PANEL (METRIC)

- Pre-punched fixing holes
- Fixings not included
- Suitable to fit stack and nest bins



350-6028	500 mm W x 500 mm H 60 louvres	£12.11
350-6056	500 mm W x 1000 mm H 120 louvres	£22.82
350-6034	1000 mm W x 500 mm H 120 louvres	£22.82
350-6040	1000 mm W x 1000 mm H 240 louvres	£51.77

STORAGE BIN AND PANEL KITS

- Complete kits of bins and louvered panel
- Bins are polypropylene and the louvered panel is steel



223-7456	KIT 1: 438 mm H x 457 mm W	£31.94
223-7462	KIT 2: 946H x 457W mm	£74.18
223-7478	KIT 3: 946H x 914W mm	£149.00
257-7007	KIT 4: 946H x 914W mm	£129.00
257-6997	KIT 5: 438H x 914W mm	£61.82

STEEL STORAGE CONTAINERS

- Designed to hold a wide variety of parts and components
- Fully hemmed lip to keep parts from spilling out
- Interlocked and fully welded construction
- Rigid structural strength finished in baked enamel for protection



447-5919	20 bin 1066 x 857 x 304 mm	£205.02
303-4618	72 bin 1067 x 857 x 305 mm	£247.86

BIN TROLLEYS

- Double sided trolleys
- Designed for the range of stack and nest polypropylene bins
- Supplied as an empty trolley allowing the user to decide upon the required bins
- Epoxy powder paint finished



424-5465	1200 x 1000 mm	£274.00
424-5459	1700 x 1000 mm	£312.00

STACK & NEST COLOURED BINS

- Multi-functional storage bin
- Complete with removable hinged lids
- Nestable and Stackable
- Manufactured from polypropylene



877-6821		£124.44
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STORAGE CABINET

- Lockable storage cupboard
- 20 gauge steel, finished in epoxy-polyester powder paint
- Secure key operated 3 point locking doors with recessed handle
- Supplied with steel shelves which are adjustable on 50 mm centres
- 2000 x 1015 x 430 mm 6 shelves



424-5421		£494.00
760-4189		£48.92

STORAGE BIN CONTAINER

- 4 pack of large stack or nest polypropylene storage container



ECONOMY STORAGE BINS

- A flexible solution to storage needs
- Recyclable and environmentally friendly
- Can be stacked or used with louvered panels and cabinets
- Durable and resistant to most industrial solvents
- Index card slot for instant product identification



315-1139	167 x 101 x 76 mm	£25.96
315-1145	240 x 150 x 130 mm	£20.40
315-1151	350 x 205 x 130 mm	£40.38
315-1189	419 x 376 x 180 mm	£51.36
315-1173	350 x 205 x 181 mm	£59.13

STACKING ECONOMY STORAGE BINS

- Available in sizes 1 to 7 are recycled
- Heavy-duty and reinforced
- Excellent stacking load ability
- Recyclable and environmentally friendly
- Can be stacked or used with louvered panels and cabinets



909-6902	Size 1 black	£10.10
909-6906	Size 2 black	£16.54
909-6915	Size 3 black	£18.82
909-6918	Size 4 black	£33.56
909-6912	Size 5 black	£45.26
909-6921	Size 6 black	£38.03
909-6924	Size 7 black	£47.94

STANDARD STORAGE BINS

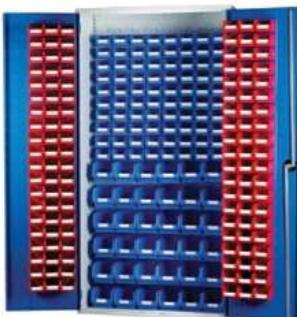
- Bins with smooth clean inside faces
- Can be stacked for ease of handling
- Moulded in card holder - each pack supplied with sufficient index cards
- Multiple colours available



484-4028	Blue 101 x 167 x 76 mm	£13.39
484-4056	Blue 150 x 240 x 130 mm	£10.50
484-4107	Blue 205 x 350 x 130 mm	£20.86
484-4157	Blue 205 x 350 x 181 mm	£30.50
390-3558	Blue 349 x 239 x 180 mm	£70.58
484-4185	Blue 419 x 376 x 180 mm	£10.59
350-5873	Blue 510 x 315 x 200 mm	£14.42
390-3659	Blue 510 x 335 x 246 mm	£28.00
484-4012	Green 101 x 167 x 76 mm	£13.39
484-4040	Green 150 x 240 x 130 mm	£10.50
484-4090	Green 205 x 350 x 130 mm	£20.86
484-4135	Green 205 x 350 x 181 mm	£30.50
484-4006	Red 101 x 167 x 76 mm	£13.39
484-4034	Red 150 x 240 x 130 mm	£10.50
484-4129	Red 205 x 350 x 181 mm	£30.50
390-3407	Red 250 x 179 x 130 mm	£27.82
484-4078	Red 205 x 350 x 130 mm	£20.86
390-3514	Red 349 x 239 x 180 mm	£70.58
484-3845	Red 419 x 376 x 180 mm	£10.59
350-5845	Red 510 x 315 x 200 mm	£14.42
484-3839	Yellow 101 x 167 x 76 mm	£13.39
484-4062	Yellow 150 x 240 x 130 mm	£10.50
484-4113	Yellow 205 x 350 x 130 mm	£20.86
469-6784	Orange 101 x 167 x 76 mm	£13.39
469-6778	Orange 150 x 240 x 130 mm	£10.50
469-6762	Orange 205 x 350 x 130 mm	£20.86
469-6756	Orange 205 x 350 x 181 mm	£30.50
469-6740	Orange 419 x 376 x 180 mm	£10.59

LOUVERED PANEL CABINET

- Robust all steel construction
- Flexible and secure storage
- Ideal for offices, workshops and stockrooms



877-6825

£785.40

STEEL STORAGE CUPBOARD

- Fitted with a lock and espagnolette locking bars
- Supplied with 2 keys
- Load capacity per shelf 60 kg evenly distributed load
- Epoxy powder coated finish
- Adjustable shelves



313-1062 1016 x 915 x 457 mm

£328.44

349-9762 1830 x 457 x 915 mm

£367.20

183-9089 600 x 930 x 500 mm

£267.24

263-8196 1219 x 914 x 457 mm - wheeled

£379.44

JUMBO CABINET

- One or two door heavy duty free standing cabinet
- Constructed from a durable plastic
- Adjustable shelves



838-6579 1 door cabinet

£114.80

838-6576 2 door cabinet

£189.24

1 DOOR SHEET METAL TOOL CHEST

- Components made of quality sheet metal up to 3 mm thick
- Drawers with ball-bearing slides
- Ecological lacquered with cadmium and lead free colour
- Capacity of small drawers: 30 kg
- Capacity of large drawers: 42 kg

**STORAGE CABINETS WITH SHELVES**

- Fire resistant reinforced 2 door lockable cabinets
- For general purpose or storing of hazardous materials
- Lever handle with two steel locking rods at the top and bottom
- Welded shelf tray for organised storage and spill retention
- Integral spillage sump in cabinet base to capture larger spills
- Grey epoxy powder finish

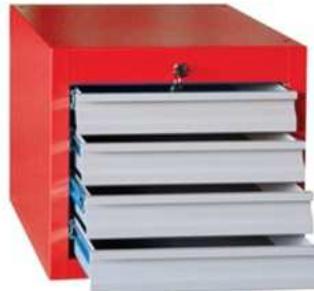


851-8436

£415.14

MODULAR WORKBENCH SYSTEM

- Modular design to fit your needs
- Designed for heavy loads
- Robust and hard-wearing counter
- Produced from a massive composite panel
- Environmentally friendly protective coating



621-1694 457 x 915 x 1830 mm

£453.00

621-1672 915 x 915 x 457 mm

£332.00

PLASTIC LOCKABLE CABINETS

- Metal hinges for easy opening and closing
- Bi-component handle
- Height adjustable feet - ideal for uneven surfaces
- Modular inner shelf
- Bottom slanted shelf
- Rainproof system



136-8879 780 x 430 x 1010 mm

£113.59

136-8878 780 x 430 x 1430 mm

£152.44

136-8877 780 x 430 x 1840 mm

£191.27

136-8876 780 x 430 x 2250 mm

£229.48

TRANSPARENT COMPARTMENT BOXES

- Compartments boxes
- Clear plastic lids for easy identification of contents
- Heavy-duty PVC corners
- Fixed and adjustable compartments



124-6588	30 mm x 140 mm x 80 mm	£2.17
124-6589	30 mm x 170 mm x 100 mm	£3.27
124-6590	30 mm x 200 mm x 110 mm	£4.35
124-6591	60 mm x 170 mm x 130 mm	£5.44
124-6592	60 mm x 240 mm x 170 mm	£6.52

SLIDE-LOCKING BOX

- Strong hinges, sliding locks
- Ideal for the storage of nuts, washers, screws and small component parts



784-6058	12 compartments 340 mm x 278 mm x 145 mm	£19.90
784-6052	18 compartments 60 mm x 380 mm x 305 mm	£20.60
784-6055	18 compartments 340 mm x 282 mm x 145 mm	£19.90
515-603	32 compartments 57 mm x 338 mm x 260 mm; green	£12.54

CARRY BOX WITH 4 CASES

- Constructed from durable polypropylene
- Transparent lid to make selections easier
- Ideal for bench tops or mobile service vehicles
- Removable inserts allowing for individual configuration
- Dimensions: 320 mm (L) x 280 mm (W) x 300 mm (H); 3.2 kg



124-6593		£43.50
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POLYPROPYLENE COMPARTMENT BOX

- Lockable with transparent lid
- Ideal for storage and transporting small parts



136-8899	No cells	£19.31
136-8904	8 cells	£32.40
136-8905	12 cells	£34.64
136-8908	15 cells	£34.93
136-8906	24 cells	£38.17
136-8907	48 cells	£44.45

ASSORTMENT CASE

- Hinged clear lid and lock
- Suitable for storing small parts
- Various presized or removable sections



784-6061	6 compartment 60 mm x 215 mm x 310 mm	£11.53
515-552	7 compartments 32 mm x 175 mm x 143 mm; red	£4.68
515-574	9 compartments 43 mm x 240 mm x 195 mm; red	£6.02
515-568	12 compartments 32 mm x 175 mm x 143 mm; green	£4.21

STORE-AGE MODULAR DRAWER CABINET

- Constructed from durable polypropylene
- Tough but light cabinets
- Transparent front to make selections easier
- 3 and 4 draw options
- Moveable anti-migration bars
- Draw locking system



838-6554	3 Draws - 391 x 197 x 203 cm	£21.83
838-6545	3 Draws - 391 x 197 x 334 cm	£26.80
838-6541	4 Draws - 391 x 197 x 334 cm	£31.27
838-6548	4 Draws with Wheels - 391 x 29 x 334 cm	£48.14
838-6539	4 Draws with Wheels - 391 x 29 x 334 cm	£54.55

TLTING DRAWER INTERLOCKING CABINETS

- Can be built to any size and combination
- Can interlock on all sides, so it can easily be modularly extended
- Made from tough and durable plastic



909-6993	4 drawer	£14.05
909-6996	6 drawer	£14.05
909-6990	8 drawer	£14.05

TIIT DRAWER UNIT

- Versatile modular storage system
- 600 mm wide
- Can be self-stacked or mounted on wall frames
- Ideal display/storage system for small and medium size parts
- Excellent space utilisation, accessibility, flexibility and visibility



519-318	4 drawer	£40.18
519-302	5 drawer	£29.88
519-295	6 drawer	£19.57

PLASTIC DRAWER UNIT

- Ideal solution to store small items and objects
- Lightweight, removable drawers
- Can be used as a free standing unit or mounted on the wall
- Manufactured from durable polypropylene



909-7006	16 Drawer	£14.05
909-7000	20 Drawer	£14.05
877-6803	30 Drawer	£23.11
877-6812	40 Drawer	£25.21

STEEL CABINETS

- Steel plate constructed
- Free standing units
- Can be floor mounted for added security (fixings not included)
- Powder coated and high impact strength
- Drawers have clear front windows for easier visibility
- Drawers are oil corrosion resistant



669-3793	12Tray	£135.00
669-3796	24Tray	£215.00
669-3816	30Tray	£525.00
669-3807	48Tray	£436.00
669-3800	60Tray	£296.00
669-3803	75Tray	£331.00

TIIT STORAGE UNIT

- Excellent space utilisation, accessibility, flexibility and visibility
- Consists of 2x9, 1x6, 1x5 and 1x4 container drawer units
- Can be wall mounted on a frame



519-374		£154.00
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PLASTIC DRAWER STORAGE CABINETS

- Options with 4 to 60 drawers
- Tough cabinet, transparent drawers and shelves
- Grey polypropylene (PP) cabinet
- Drawers manufactured from crystal clear polystyrene (PS)
- Temperature tolerance (-40 to +55°C)
- Self-adhesive labels supplied for each drawer
- Galvanised steel shelves



909-6959	290 mm x 310 mm x 180 mm 4 drawers	£36.72
909-6952	290 mm x 310 mm x 180 mm 6 drawers	£37.06
909-6946	290 mm x 310 mm x 180 mm 12 drawers	£36.72
909-6943	290 mm x 310 mm x 180 mm 24 drawers	£36.72
909-6934	290 mm x 310 mm x 180 mm 30 drawers	£36.72
909-6971	550 mm x 310 mm x 180 mm 8 drawers	£65.99
909-6974	550 mm x 310 mm x 180 mm 12 drawers	£65.99
909-6968	550 mm x 310 mm x 180 mm 24 drawers	£65.99
909-6965	550 mm x 310 mm x 180 mm 48 drawers	£65.99
909-6956	550 mm x 310 mm x 180 mm 60 drawers	£65.99

CERTIFIED HAZARDOUS SUBSTANCE CABINETS

- Heavy duty fully welded seams
- Fully welded adjustable shelf
- Two point locking door with two keys
- Supplied with warning label displayed on door
- Meets the Highly Flammable Liquid & Liquid Gases Regulation 5(1D)



424-5364	457 x 457 x 305 mm	£188.00
424-5370	609 x 457 x 457 mm	£197.00
314-7641	712 x 915 x 459 mm	£314.00
314-7635	915 x 459 x 459 mm	£216.00
314-7657	915 x 916 x 459 mm	£321.00
183-9095	900 x 600 x 500 mm	£263.16
314-7663	1830 x 915 x 459 mm	£487.00

HAZARDOUS SUBSTANCE CABINET

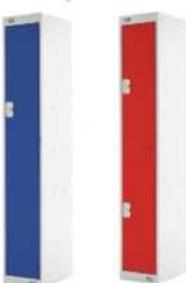
- Heavy duty fully welded seams
- Fully welded adjustable shelf
- Two point locking door with two keys
- Supplied with warning label displayed on door
- Meets the Highly Flammable Liquid & Liquid Gases Regulation 5(1D)



733-4909	700 x 900 x 460 mm	£235.00
733-4906	900 x 460 x 460 mm	£205.00
733-4903	900 x 900 x 460 mm	£255.00
733-4912	1800 x 900 x 460 mm	£416.00

INDUSTRIAL LOCKERS

- BioCote powder coating that inhibits the growth of potentially lethal bacteria and fungi
- Pre-drilled for further nesting once in location
- Supplied fully assembled



521-374	1 Door blue 450 mm	£151.98
521-471	1 Door grey 450 mm	£161.16
521-364	2 Door blue 450 mm	£179.52
521-342	2 Door red 450 mm	£179.52
521-386	4 Door blue 450 mm	£201.96
521-368	4 Door grey 450 mm	£193.80
521-352	6 Door blue 450 mm	£258.06

TOOL CHARGING LOCKE

- Offers a safe and secure environment for your cordless tools
- Designed with health and safety in mind to overcome trailing cables and security from theft



CLEAN/DIRTY LOCKER

- Keeps clean/dirty, wet/dry clothes separate from each other with a large centre partition
- Manufactured from cold rolled mild steel with an epoxy powder coated finish
- Grey in colour with one door
- Hat shelf, double coat hook on both sides
- Fitted with a deadlock and supplied with 2 keys



521-475	Grey	£214.20
521-504	Blue	£214.20

LAPTOP CHARGING LOCKE

- Offer a safe and secure environment for your laptops, tablets or mobile devices
- Independently earthed doors
- Standard UK three-pin socket per compartment
- Each shelf has extra front-to-rear reinforcing box section
- Protective coating which kills 99.9% of harmful bacteria on contact surfaces



EQUIPMENT LOCKER

- Finished in an epoxy polyester powder coating
- Riveted and welded construction
- Fitted with a deadlock and 2 keys



521-500		£224.40
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TOOL LOCKER

- 1 or 2 adjustable height shelves
- Manufactured from steel, and finished in polyester powder coat
- Semi-concealed hinges and a reinforced door
- Mastered series camlock with 2 keys



263-8174	984 mm x 477 mm x 505 mm 1 door	£157.08
263-8180	984 mm x 915 mm x 505 mm 2 door	£258.06

LONGSPAN RACKING SYSTEM

- Suitable for storing heavy and bulky items
- Rigid structure without the need for nuts and bolts
- Shelf panels are easily slotted in across the beams



230-829	1800 (H) x 600 (D) mm	£112.20
230-835	1800 (H) x 900 (D) mm	£121.38
230-841	2100 (H) x 600 (D) mm	£135.66
230-857	2100 (H) x 900 (D) mm	£147.90
230-863	1800 mm L beam	£79.44
230-879	2400 mm L beam	£103.02
230-885	600 mm panel	£37.83
230-891	900 mm panel	£49.22

OPEN STARTER BAY

- The basic unit required to construct the first bay
- Dimensions: 2.1m x 1m



519-396	2100 mm 1000 mm x 400 mm 21kg	£382.50
519-403	2100 mm 1000 mm x 500 mm 24kg	£413.10

OPEN EXTENSION BAY

- Additional bays may be fitted to either the left or right of a starter bay
- Any number may be linked together
- Dimensions 2.1 m x 1 m



519-447		£300.90
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STARTER BAY SHELVING

- Easy to assemble kits
- Provides a robust shelving system
- Starter bay comes in a range of shelf widths and depths



113-4511	1800 mm x 900 mm x 300 mm	£103.02
113-4512	1800 mm x 900 mm x 450 mm	£118.32
113-4513	1800 mm x 900 mm x 600 mm	£133.62

FREE STANDING SHELVING

- Heavy duty shelving for general purpose use
- Adjustable shelf system for bespoke shelf height
- Easy to assemble with a quick knock down system
- Pre-galvanised shelf supports
- Steel supports and strong chipboard shelves



813-3228	1800 x 900 x 600 mm	£103.00
813-3237	1800 x 1200 x 600 mm	£141.00

EASY ASSEMBLY SHELVING BAY

- Bolt free easy assembly
- Fully adjustable shelf levels
- Galvanised corrosion protected shelf supports
- Epoxy coated steel uprights
- Strong chipboard shelves



771-9180	1800 x 900 x 450 mm	£92.72
771-9199	1800 x 1200 x 450 mm	£113.00

SHELVING SYSTEM

- Versatile and interchangeable system
- Clip-in fitting facilitates quick and easy changes
- BioCote protected shelving
- 70 kg per shelf weight capacity



521-465	1850 mm x 1m x 300 mm	£173.40
521-459	1850 mm x 1m x 450 mm	£206.04
521-453	2150 mm x 1m x 300 mm	£187.68
521-469	2150 mm x 1m x 450 mm	£215.22

SHELF EASI-RACK SHELF

- Large working surface and under bench storage area
- Easy clip together self-assembly
- Max - Uniformly distributed load 300 kg



409-4560	1980 mm 300kg	£79.21
409-4582	2m x 380 mm 300kg Load	£111.18

MODULAR SHELVING UNIT

- Manufactured from lightweight, solid and durable plastic
- Quick, easy and simple to erect or modify
- Perforated at 50 mm intervals to accept shelves that clip lock together



838-6563	1760 mm x 790 mm x 390 mm 40kg Load	£42.84
838-6567	1000 mm x 2m x 500 mm 40kg Load	£69.46

SHELVING ACCESSORIES

- To be used with shelving systems
- Improves shelf rigidity



521-431	To fit 1850H Frames	£29.41
521-437	To fit 2150H Frames	£23.48

WIDESPAN CHIPBOARD SHELVING

- Designed for heavy-duty loads
- Offer flexibility and easy product access



389-7526	2m x 900 mm 300kg rack	£77.96
389-7554	2m x 900 mm 300kg Load 1 shelf	£49.22

PLASTIC SHELVING UNITS

- Manufactured from polypropylene
- Quick and easy to assemble without using tools
- Supplied with solid shelves
- Each shelf capacity 50 kg (Uniformly Distributed Load)
- Advised to fix the shelving unit back brackets to a solid surface (excludes wall fixings)



909-7016	3 tier	£31.63
909-7025	4 tier	£37.43
909-7028	5 tier	£42.16

POLYPROPYLENE EURO CONTAINER

- Robust and inter stackable
- High density polypropylene container
- Ideal for protective storage of goods in transport
- Lightweight but strong construction



725-9158	10L 400 x 300 x 120 mm	£11.33
725-9151	20L 400 x 300 x 220 mm	£14.95
725-9167	27L 600 x 400 x 150 mm	£20.60
725-9161	40L 600 x 400 x 200 mm	£26.79
725-9170	52L 600 x 400 x 270 mm	£31.94

COMPONENT CASE

- Component case with transparent shockproof lid
- For small component storage
- Removable inserts with individual lids
- Side locks for secure transport



767-4960 10 inserts	£28.06	838-6560 40 litre	£16.38
767-4964 16 inserts	£40.21	838-6551 60 litre	£21.83

POLYMER STORAGE BOX

- Removable hinged lid
- Strong locking handles
- Clear plastic for easy viewing
- Can be stacked



PLASTIC DRI BOXES

- Offer unique outdoor storage with access for your electrical cabling
- With enough room for extension sockets, timers and low voltage transformer
- Features a gasket that holds and seals the cable
- Suitable for outdoors all weather conditions
- Conforms to IP55 Dust and waterproof rated



909-7019 Medium	£19.00
909-7012 Large	£23.56

UNBREAKABLE STORAGE BOX

- Heavy duty, tough and durable storage boxes
- Stackable and storable with interlocking lid
- Perfect solution for on or off the shelf storage



EURO STACKING CONTAINERS

- Heavy-duty storage boxes
- Made from strong polypropylene storing
- Suitable for use in various applications
- Various sizes are available
- Solid, ventilated/perforated options

ESD CLASSIC WORKBENCH COMPLETE KIT

- Complete ESD Classic workbench kit
- Ergonomic design
- Permanently static safe surface
- Adjustable height: 650 mm to 950 mm
- Load capacity 300 kg



125-2407

£1,252.18

TPH ADJUSTABLE HEIGHT WORK BENCHES WITH SHELF

- Workbench with upright profiles and additional 310 mm laminate top shelf
- Steel framework is epoxy powder coated in grey RAL 7035
- Designed to meet IEC 61340-1 international standards



909-7097 1800 x 700 mm

909-7090 1800 x 900 mm

£640.00

£660.00

TP ADJUSTABLE HEIGHT WORK BENCHES

- Height adjustable worktop
- Steel framework
- 25 mm laminated particle board worktop



909-7084 1800 x 700 mm

909-7088 1800 x 900 mm

£398.00

£441.00

WORKBENCH RUBBER MAT

- A fine-ribbed, durable, black natural rubber mat
- Prevent components or tools from rolling about on the bench top
- 668 x 515 mm
- Black



775-7813

£12.06

UK 4 SOCKET POWER SUPPLY

- Classic workbench 4 x UK socket power supply
- Placed within an aluminium case
- 3 metre power cable



125-2408

£267.55

MEASURING JUGS

- Manufactured from polypropylene
- Impervious to most liquids
- Impact resistant
- Raised measuring scale
- Unbreakable in normal use



263-2564 2 litre

£5.63

263-2570 3 litre

£7.62

263-2586 5 litre

£8.85

INDUSTRIAL HDPE FUNNELS

- Unbreakable, rigid industrial funnels in polyethylene
- Straight-sided upper position to prevent spillage



POLYTHENE OIL CANS

- Durable oil cans
- Manufactured from high density polyethylene
- Supplied complete with two 6 in. spouts, 1 flexible and 1 rigid.



674-342

OIL JUG

- Heavy duty polythene
- Capacity scale on the outside of the jug for easy measurement



674-358 2 litre

£10.40

674-364 5 litre

£15.45

VACUUM OIL & FLUID EXTRACTOR

- Professional vacuum extractor
- Manual pump
- Also suitable for low viscosity fluids such as water
- 2100 mm suction probe, easy-pour spout and cover cap



851-7506 5.5 litre

£67.21

851-7509 9 litre

£126.48

OIL CONTAINER WITH LID & SPOUT

- Removable flexible spout
- Screw cap and lid enables jug to be used as a container
- Scale for indication purposes only, not intended for 100% accuracy



851-7531 1 litre

£7.30

851-7540 2 litre

£10.46

851-7543 5 litre

£14.66

FLAMMABLE LIQUID CAN

- Impact resistant, non corrosive, high density polythene
- Impervious to most liquid chemicals, solvents and corrosives
- All metal fittings & flame arresters are made of stainless steel
- An earth point is included to enable static electricity to be safely drained



400-1007

£5.62

208-8096

£117.22

METAL JERRY CANS

- Designed for the transportation and storage of petrol, diesel or oil
- Lever type safety sealing cap
- Integral carrying handle, painted internally and externally



400-8503 10 litre

£30.71

400-1063 20 litre

£32.62

PLASTIC FUEL CAN

- Plastic fuel cans
- EN and EU approved
- Colour coded for easy identification of their contents
- Feature a safety screw lock cap and a flexible pouring spout



851-7503 5 litre red

£9.93

851-7512 10 litre black

£17.81

LEVER ACTION PUMP

- Professional and handy self-priming pump
- 330 ml per stroke
- Fitted with anti-drip nozzle
- 2 in. BSP connector and dip-tube to suit 100 or 205 litre drums
- Suitable for oils, antifreeze, paraffin and other non-corrosive fluids



851-7562

OIL & FLUID DRAIN PAN

- Heavy duty pan
- Suitable for parts cleaning operations with emulsifiable solvents
- Made from high-density polyethylene with UV stabiliser
- Heavy-wall construction stays rigid, even with hot oil
- Excess capacity helps prevent overflow or spillage
- Resistant to most chemicals and solvents

**METAL OIL CANS**

- High quality, strong deep drawn metal bodied
- Nylon pump units and metal spouts
- Complete with a 250 mm flexible braided interchangeable spout



672-122 Green

£9.67

672-138 Red

£10.40

MULTI-PURPOSE MINI PUMP

- Professional and easy to use pump
- Allowing top ups on difficult to reach points
- 1 litre capacity



851-7553

£18.86

851-7600

£8.88

BENCH CANS

- Lead-tin alloy coating applied to steel sheet by hot dipping
- Perforated metal flash arrester dasher protects contents against fire
- Hinged cover serves to reduce escape of vapours & evaporation losses
- Excess liquid quickly drains back into can

**SYPHON DRUM PUMP**

- Hand operated siphon pump
- Designed for fluid transfer on 205 litre drums
- Composite pump with self-priming feature
- Suitable for oils and non-aggressive chemicals



851-7559

£23.06

ROTARY DRUM PUMP

- Constructed from heavy duty steel
- Cast steel body with machined bore and rotor
- Supplied with 2" BSP adaptor and suitable for use on 205 litre drums
- Delivers approximately 0.2 litre/revolution



851-7547

£35.68

208-8181

£79.97

HVAC, FANS & THERMAL MANAGEMENT



93 PORTABLE HVAC

95 HVAC FILTERS & HARDWARE

98 THERMAL MANAGEMENT

99 FAN ACCESSORIES

100 FANS

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rspro.com



PORTABLE AIR CONDITIONER

- Concealed castors for added convenience for moving about and storage
- High energy-efficiency which guarantees great costs reduction
- Power supply: 220~240V/50Hz
- Cooling capacity: 12000BTU / 3.5kW
- 3 Fan speed, high, medium and low
- Type G 3 Pin UK Plug



811-2233 BS version	£528.20
813-3391 VDE version	£544.88

PORTABLE AIR CONDITIONER

- Electronic control
- 1.6 Litres per hour moisture removal
- 550 cubic metres per hour air volume
- 24-Hour timer with sleep function
- Refrigerant: R410A



918-2542 14000BTU	£572.68
918-2546 16000BTU	£639.40

DEHUMIDIFIERS

- Compact and space-saving
- Well suited for medium size spaces
- Integrated electronic hygrometer allows control of humidity



839-5264 12 litre	£314.47	918-2549	£263.12	839-5261	£841.00
839-5277 20 litre	£336.86				

28 LITRE DEHUMIDIFIER WITH HYGROSTAT

- Designed for building drying as well as domestic use.
- Incorporates hygrometer control for trouble-free automatic operation
- Anti-bacterial air filter and high quality professional hot gas automatic defrosting.
- Powerful radial fan

**DESICCANT DEHUMIDIFIER**

- Powerful in unheated rooms
- Innovative technology needs neither a compressor nor a cooling agent for high performance
- Ideal for moisture removal in small and cold rooms.

**DEHUMIDIFIER, 45 LITRES/DAY**

- This unit sits on castors for easy mobility
- Fitted with a mains cord terminated with a Euro 2-pin plug
- Supplied with a UK BS Type G three-pin adapter.

**HEAVY DUTY DEHUMIDIFIER**

- 230V heavy duty dehumidifier
- Designed to prevent damp conditions caused by humidity in the indoor atmosphere.
- Wheel mounted for good mobility
- Fitted with an automatic pump which can lift water 5.4 metres vertically



OIL FILLED RADIATOR

- Efficient floor standing wheeled oil filled radiators
- Three heat settings
- Variable thermostatic control
- Wheels supplied



712-6061 1.5kW 7 fin

£40.19

712-6070 2kW 9 fin

£44.50

FAN HEATER

- Adjustable thermostat
- Over-temperature cutout
- Power Indicator Light



684-6180 2kW

£9.99

488-201 2.1kW

£11.01

BOX FAN HEATER

- Stainless Steel heating element
- Adjustable thermostat
- Insulated handle for safety
- Waterproof to IPX4 rating



144-4364 110V 5kW

£127.00

144-4362 230V 2kW

£56.50

144-4363 230V 3kW

£79.00

THREE-PHASE FAN HEATER WITH SPIGOT

- 13.9kW nominal output
- 415V 3-phase industrial fan heater
- Provides safe no-flame heating of large workshops and factory areas
- Uses high specification Incoloy® elements to give safe reliable operation
- Incorporates a fan only setting for cooling
- Airflow: 1071 cubic metres per hour
- Quiet running
- Rugged all steel design



INDUSTRIAL FAN HEATER

- Industrial / domestic use 3kW 13A 230V fan heater
- Airflow volume: 250 cubic feet per minute (430 cubic metres per hour)
- Air in to air out temperature rise in excess of 35°C
- Fitted with a thermostat as standard



INDUSTRIAL THREE-PHASE FAN HEATER

- Full overheat and fan protection devices integrated
- 1200 cubic metres per hour airflow
- Powerful clean alternative to propane units
- Three-phase 415V operation
- Robust construction all steel design
- Quiet operation
- Dimensions: 444x390x382mm



839-5255 12kW 3 phase

£300.00

839-5258 23kW 3 phase

£450.00

QUARTZ HALOGEN HEATER

- Portable halogen infrared radiant quartz heater
- Maximum heat output: 3kW
- Wheel mounted
- 240 Vac, type G UK plug
- Height 890mm; width 460mm; depth 300mm (with legs, 460mm deep)
- Weight: 14kg
- European plug version available fitted with a CEE 7/7



839-5252 3kW UK plug

£244.00

842-8175 3kW EU plug

£254.00

INFRARED HEATING PANELS

- Available in a selection of sizes and heat outputs
- Wall or floor mountable
- Silent operation
- Heating element: carbon-nickel with nano silver and nano copper technology
- Front face: white powder coated metallic surface
- Rear face: aluminium sheet with profiles for mounting
- Cable: 3 m power cable (European plug type CEE 7/4 fitted)
- Five integrated temperature sensors provide safety from overheating
- White powder coated aluminium frame
- 230V 50Hz



875-0261 30x90cm 300W

£159.96

875-0270 30x120cm 400W

£190.28

909-8267 60x60cm 350W

£232.79

875-0273 60x60cm 400W

£188.19

875-0277 60x90cm 600W

£239.21

875-0286 60x120cm 800W

£299.01

FAN FILTER KITS

- Plastic - reinforced ABS Guard&retainer
- Low air resistance
- Filtration of particulate matter
- Noise abatement



737-4052	40mm frame 30ppi	£15.72
737-4074	40mm frame 45ppi	£15.72
737-4083	60mm frame 45ppi	£16.20
737-4086	80mm frame 45ppi	£19.09
737-4077	120mm frame 30ppi	£22.30
737-4099	120mm frame 45ppi	£22.30

WIRE MESH GUARDS

- Corrugated mesh filters
- Allows high levels of air passage while efficiently filtering contaminants
- Acts as a EMI/RFI shield



737-4096	60mm	£41.65
737-4106	80mm	£46.02
737-4103	120mm	£52.99

SYNTHETIC FILTER MEDIA

- Supplied in a roll
- Suitable for use as a general pre-filter for HVAC
- 100% Polyester fibres
- Media velocity: 1.5 m/s
- Filter class (to EN770:2012): G3
- Dust holding capacity: 400 g/m²
- Thermal stability: 100°C (briefly up to 120°C)



122-1772	Pad 1000x1600mm	£5.80	827-9510	1mx2mx8mm roll white G3	£21.24	432-823	347x347mm	£50.74
122-1771	Roll 1mx20m	£40.98	827-9529	1mx2mx20mm roll white G4	£32.82	432-839	450x450mm	£71.20

BAG FILTERS

- Used in applications where low cost fine filtration is required.
- Galvanised steel header frame.
- Great performance in damp atmospheres.
- Triple filtration layered.
- Electrostatically charged.
- Ultrasonically welded seams provide leak free pockets.
- Available in most sizes and pocket configurations.
- Minimum velocity required: 1.2m/s
- F7 grade



827-9724	24x12x15 4 pocket	£16.51
827-9728	24x12x20 4 pocket	£18.25
827-9759	24x20x15 6 pocket	£23.74
827-9756	24x20x20 6 pocket	£25.83
827-9774	24x20x24 6 pocket	£27.57
827-9695	24x24x15 8 pocket	£30.57

POLYPROPYLENE MEDIA BAG FILTERS

- Effective against dust and soots
- Suitable for air-conditioning in laboratories, offices, theatres and computer rooms
- 100% polypropylene synthetic media
- Galvanised steel header frame.
- Triple filtration layered
- Non-toxic and non-irritant
- Extra built in pre-filter layer provides extended filter life
- Available in most sizes and pocket configuration
- Filter efficiency to BS EN 779 = F6
- Rating to ASHRAE 52.2 test standard = Merv 11



827-9721	M6 24x12x15 4 pocket	£16.39
827-9768	M6 24x20x20 6 pocket	£24.70
827-9692	M6 24x24x15 8 pocket	£30.26
827-9718	M6 24x24x24 8 pocket	£35.26
827-9651	G4 24x12x15 3 pocket	£12.59
827-9658	G4 24x12x20 3 pocket	£13.40
827-9670	G4 24x20x15 5 pocket	£19.03
827-9661	G4 24x20x20 5 pocket	£20.76
827-9636	G4 24x24x15 6 pocket	£22.26
827-9627	G4 24x24x20 6 pocket	£24.32
827-9642	G4 24x24x24 6 pocket	£26.25

FIRE RATED FILTER MEDIA

- Formed from thermobonded non-woven 100% PET fibres
- Flame retardant properties
- Homogenous and consistent
- 90°C Thermal stability

**STANDARD PLEATED PANEL FILTERS**

- High capacity disposable filters
- Better than basic level of filtration
- Intrepid® filter media delivers a constant level of filtration over its life
- Water repellent AquaKote® card frame
- Made from continuous fibres so will not shed



730-2895	12x12x2in G4 white	£54.51
730-2873	18x18x2in G4 white	£61.00
730-2861	20x20x2in G4 white	£58.33
730-2864	20x24x2in G4 white	£79.91
730-2892	12x24x2in G4 white	£55.60
730-2858	24x24x2in G4 white	£68.84
730-2849	24x24x4in G4 white	£61.04
730-2811	24x24x2in blue	£108.73
730-2827	20x20x2in blue	£79.00
730-2817	24x24x4in blue	£100.96

FIXED BLADE LOUVRES

- For external use
- Internal rain lip set at a pitch of 38mm and an angle of 45°
- Undrilled flanges with fully welded and finished mitre corners
- Mill aluminium or stove enamelled brown finish



432-801	300x300mm aluminium finish	£42.92
432-817	450x450mm aluminium finish	£56.06
432-788	300x300mm brown finish	£42.92
432-794	450x450mm brown finish	£56.06

NON VISION DOOR GRILLES

- Slim profile allows 2 to be installed back-to-back within a standard door
- Enables air transfer where through vision is not required
- Made from extruded aluminium with fully welded and finished mitred corners
- Pre-drilled fixing holes



TRANSISTOR SPRING CLIPS

- Designed for single point fixing of power transistors
- Provide strong central pressure (max. 75kg) to maximise thermal transfer
- Only one circular hole required for two transistors
- Suitable for any heatsink panel or pad thickness
- Zinc plated with clear passivated finish - Isolation voltage 1000V



485-8881	TO3P heatsink retaining clip TSC506-NY	£4.05
131-1216	TSC807-ZP transistor spring clip 1000V	£2.19
131-1238	TSC506-ZP transistor spring clip 1000V	£2.61

POWER TRANSISTOR MOUNT KITS

- Silicone rubber insulating heat sink washers
- The need for heat sink compound is eliminated
- 10 washers supplied in each kit
- TO220 power transistor mount kit



712-8225		£1.51
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EXTRUDED HEATSINK

- Aluminium extruded heatsink
- Intended for use with TO220 and similar devices



263-251	17.9 deg K/W	£7.74
263-245	24 deg K/W	£5.63

INTELLIGENT FAN TRAYS

- Single auto-ranging AC input
- Fan speed responsive to temperature
- Monitoring of fans, thermal control & power supply
- Status indication locally by LED and audible alarm
- Remote alarm indication by volt free changeover contact
- Supplied complete with remote thermal sensor and 2 m lead



529-009	1Ux19in 3 fans	£261.79
101-8793	1Ux250mm 3 fans	£210.82
802-0311	2 fan module for wall mount enclosures	£69.56
118-3279	1U x 350mm 6 fans	£238.93

GRAPHITE THERMAL INTERFACE MATERIAL

- Thermally conductive graphite interface material
- Available in plain, 1 sided adhesive or PET coated



794-3985	Adhesive 150sqx0.50mm	£7.40
794-3991	Adhesive 150sqx0.80mm	£7.40
794-3973	Adhesive 150sqx0.16mm	£7.40
794-3989	PET coat 150sqx0.50mm	£6.23
794-3995	PET coat 150sqx0.80mm	£6.23

GAP FILLER MATERIAL

- Natural tack
- Good thermal conductivity
- Good insulator
- Shock and vibration absorber



707-4578	1.0mm 1.6W/mK	£8.88
707-4657	1.0mm 3.2W/mK	£11.89
707-4651	1.2mm 3.2W/mK	£11.89
707-4584	2.0mm 1.6W/mK	£11.84
707-4663	2.0mm 3.2W/mK	£12.57
707-4667	2.5mm 3.2W/mK	£22.81
707-4597	3.0mm 1.6W/mK	£15.66
707-4676	3.0mm 3.2W/mK	£26.08

INSULATING THERMAL PAD

- Good thermal conductivity
- Easy to assemble
- Good insulator
- Fibreglass carrier



707-4718	High electrical isolation filler 0.18mm	£6.12
707-4727	High electrical isolation filler 0.3mm	£6.83

THERMAL GEL GAP PAD

- Good thermal conductivity
- Compliance - High compressibility 90%
- Low hardness (Shore 00)
- Low oil bleed - Long term stability
- Electrical insulating



707-4774	0.5mm 12W/mK	£52.57
707-4783	1.0mm 12W/mK	£77.48
707-4768	1.0mm 6W/mK	£35.01
707-4777	1.5mm 6W/mK	£48.68
707-4770	2.0mm 6W/mK	£59.87

THERMAL INTERFACE NON-SILICONE GEL PADS

- Low contact resistance
- High compressibility
- Very good thermal conductivity
- Natural tack
- Low oil bleed - long term stability
- Electrical insulation



915-6082	150x150mm 0.5mm	£8.05
915-6086	150x150mm 1.0mm	£10.01
915-6095	150x150mm 2.0mm	£28.30
915-6098	150x150mm 0.5mm	£16.01

PVC REINFORCED ALUMINIUM FOIL HVAC DUCTING

- Covered, metal, corrosion-resistant spiral helix
- Allows ducting to be compressed
- Provides good crush and kink resistance during handling and installation
- Fire retardant to meet the requirements of BS476: parts 6, 7 and 20



679-8699	100mm x 3m	£12.36
679-8700	100mm x 5m	£21.69
679-8693	150mm x 3m	£22.77
679-8719	150mm x 5m	£35.31
679-8703	200mm x 3m	£36.19
679-8712	200mm x 5m	£53.05
679-8706	305mm x 5m	£79.69

HUMIDISTAT WITH 35 TO 100% RANGE

- Used to control the humidity within offices or laboratories etc.
- 24 - 230V
- SPST Contact



540-558

£56.54

MECHANICAL HVAC THERMOSTAT

- Fitted with a shunt accelerator heater to ensure low switching differential and to avoid overshoot
- 230V



375-0130 N/C 4A, 16A

£9.30

375-0152 SPCD 5A, 10A

£27.74

375-0168 SPCD 2A, 4A, 5A, 10A

£27.74

THERMOSTAT IN IP65 ENCLOSURE

- Switches heating loads or cooling devices
- Heating and Cooling switching -5 Deg C to +25 Deg C



HEATING AND COOLING THERMOSTAT

- Surface mounting suitable for industrial and commercial applications
- Snap action switch with change over contacts
- Shunt accelerator minimises overshoot
- Switching differential 0.5°C



TAMPER PROOF THERMOSTAT

- Surface mounting with a thermoplastic front cover suitable for industrial and commercial applications
- Fitted with a shunt accelerator heater to ensure low switching differential and to avoid overshoot



458-361

£20.80

458-361

RELATIVE HUMIDITY/TEMPERATURE TRANSMITTER

- High specification, relative humidity and temperature transmitters for use with building management systems.
- User configurable for 4-20mA or 0-10V outputs
- Microcontroller reduces measurement errors
- Two part terminals for ease of connection
- Polycarbonate housings
- Measurement range 10 to 90% RH



312-2945	Temp range -20 Deg C to +50 Deg C	£150.00
312-2939	Temp range 0 Deg C to +50 Deg C	£132.00

TEMPERATURE SENSORS FOR AIR CONDITIONING

- Thermistor and PT100 type sensors suitable for use with most air conditioning control systems.
- Thermistor: direct thermistor (NTC) temperature (10kΩ at 25°C) versions..
- Pt100 sensor: 2-wire sensors with brass probes providing a linear response and positive temperature coefficient.



376-1477	iSpace air TP911/PT100A	£14.19
813-862	Duct air TT322	£28.60
813-878	Outside air TT531/PT100A	£22.33
813-834	Liquid immersion TT541/PT100A	£24.42
813-806	Space air TT911/10K3A1	£10.47

Thermal Interface Pad

- Low thermal resistance
- Naturally tacky and easy to use
- Long term reliability



909-2033	PCM interface pad for HS10, 16x16.5mm	£4.44
909-2051	PCM interface pad for HS100, 65x475mm	£24.44
909-2042	PCM interface pad for HS15, 14.3x21mm	£5.25
909-2055	PCM interface pad for HS150, 38x475mm	£31.10
909-2045	PCM interface pad for HS25, 27x28mm	£6.76
909-2061	PCM interface pad for HS300, 128x72.5mm	£58.98

Thermal Interface Sheet

- Low thermal resistance
- Naturally tacky and easy to use
- Long term reliability
- Customised parts



909-2089	150x150mm, 0.06mm	£15.45
909-2083	150x150mm, 0.12mm	£17.97
909-2070	150x150mm, 0.08mm	£9.21
909-2073	150x150mm, 0.13mm	£11.23
909-2086	150x150mm, 0.25mm	£21.21
909-2077	150x150mm, 0.2mm	£17.87

Thermal Interface Silicone Gel Pads

- High compressibility
- Good thermal conductivity
- Long-term stability
- Naturally tacky and easy to use



915-6048	4W/mK, 150x150mm 0.5mm	£13.10
915-6042	4W/mK, 150x150mm 1.0mm	£17.79
915-6058	6W/mK, 150x150mm 0.5mm	£13.83
915-6067	6W/mK, 150x150mm 1.0mm	£23.31
915-6060	6W/mK, 150x150mm 1.5mm	£33.55
915-6064	6W/mK, 150x150mm 2.0mm	£44.74
915-6073	8W/mK, 150x150mm 0.5mm	£23.67
915-6076	8W/mK, 150x150mm 1.0mm	£37.75
915-6070	8W/mK, 150x150mm 1.5mm	£54.43
915-6089	8W/mK, 150x150mm 2.0mm	£72.51
915-6039	3.5W/mK 150x150mm 0.5mm	£10.54
915-6032	3.5W/mK 150x150mm 1.0mm	£13.13
915-6036	3.5W/mK 150x150mm 1.5mm	£17.37
915-6045	3.5W/mK 50x150mm 2.0mm	£20.64

Heat Sink Compound

- Very wide operating temperature range
- Excellent thermal conductivity even at high temperatures
- Low in toxicity
- White colour enables treated parts to be easily identified
- Low evaporation weight loss



Heat Sink Compound Plus

- 20 ml Tube
- Superior thermal conductivity even at high temperatures
- Excellent non-creep characteristics
- Safe and easy to use
- 4 Years shelf life



Thermal Grease - Non-Silicone

- NO low MW siloxane E
- Low contact resistance
- Exceptionally low thermal resistance
- No pump out or reliability issues
- Ease of application and re-work
- Ultra thin bondline



915-6109	2W/mK 1kg	£88.40
915-6105	2W/mK 30g	£12.14
915-6118	4W/mK 30g	£15.62

Thermal Grease Silicone

- Good thermal conductivity
- Easy to use
- High stability
- Does not harden with time
- Working temperature -40 to +180°C



707-4733	1.8W/mK 30g	£10.44
707-4724	3.6W/mK 30g	£14.68
707-4736	5.0W/mK 30g	£16.50

Thermal Interface Paste

- Enhanced performance
- Can be stencilled, dispensed, screen printed and manually applied
- Compound dries when applied
- Reworkable around PCM temperature



DRAIN PLUG

- This polycarbonate plug incorporates a filter to drain liquids from an enclosure at 30cc/min whilst preventing dust, dirt etc. from entering the enclosure



838-827 £8.63

IMMERSION PROOF BREather

- Maintains pressure equalisation and prevents water ingress in equipment subject to use in harsh environments
- Requires 17mm dia. fixing hole
- Withstands immersion up to 1 metre for 15 minutes, see datasheet
- Flow rate 150cc/min (approx)



838-805 £9.30

SILICA GEL DESICCANT

- Simple solution for a range of applications
- Absorbs ambient moisture, prevents corrosion
- Offers protection for a large number of devices; ideal for delicate electronics
- Conforms to BS2540 and CPU/CON/250-1
- Sold in a box of 50 sachets



601-063 Silica gel dessicant,100g sachet £76.75
601-057 Silica gel dessicant,50g sachet £56.70
601-041 Silica gel dessicant,10g sachet £27.50

INDICATING SILICA GEL

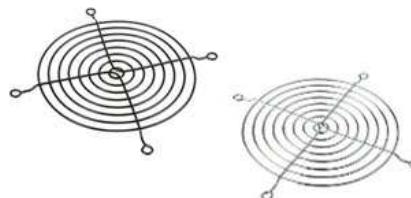
- Silica gel in small packs that change colour from yellow to green to indicate the presence of moisture



388-8437 5 packs of 20 per box - 5g per sachet £29.77
388-8421 5 packs of 50 sachets in a box - 2g per sachet £37.70
388-8415 5 packs of 100 sachets in a box - 0.5g per sachet £28.43

METAL FINGER GUARDS

- Steel wire with welded joints withstands 220 lbs separation force to meet UL/cUL standards



737-3960 Chrome 40mm sold in a pack of 10 £9.00
737-3973 Chrome 60mm sold in a pack of 10 £9.00
737-3976 Chrome 80mm sold in a pack of 10 £11.20
737-3989 Chrome 92mm sold in a pack of 10 £11.20
737-3986 Chrome 120mm sold in a pack of 10 £11.76
737-3995 Black 120mm sold in a pack of 10 £14.28
619-6911 Chrome 180mm £4.63
737-4020 Chrome 225mm sold in a pack of 5 £20.11
619-7021 Chrome 254mm £4.63

PLASTIC FINGER GUARDS

- Suitable for use with axial fans



737-4055 120mm sold in a pack of 10 £14.28
737-4049 60mm sold in a pack of 10 £9.00

AXIAL FAN SQUARE FITTING - AC

- Die cast Aluminium frame
- 80,00 hours life time
- Dual Ball Bearing



619-6804 120 x 120 x 38mm, 187m³/h, 15W, 230Vac £18.99
619-6775 120 x 120 x 38mm, 187m³/h, 15W, 115Vac £18.44
619-6905 180 x 180 x 89mm, 637.5m³/h, 70W, 115Vac £74.80
619-6933 180 x 180 x 89mm, 637m³/h, 70W, 230Vac £76.40
619-6961 120 x 120 x 38mm, 187m³/h, 23W, 230Vac £14.98
619-7015 80 x 80 x 38mm, 52.7m³/h, 12W, 230Vac £17.71
619-7009 80 x 80 x 38mm, 52.7m³/h, 12W, 230Vac £172.00

AXIAL FAN ROUND FITTING - AC

- Die cast Aluminium frame
- 80,00 hours life time
- Dual Ball Bearing



619-6797 172 (Dia.) x 51mm, 399.5m³/h, 35W, 115Vac £51.80
619-6848 172 (Dia.) x 51mm, 399.5m³/h, 35W, 230Vac £48.53
619-6860 172 (Dia.) x 51mm, 510m³/h, 50W, 230Vac £54.33
619-6832 172 (Dia.) x 51mm, 399.5m³/h, 35W, 115Vac stadium £49.82
619-6882 172 (Dia.) x 51mm, 399m³/h, 35W, 230Vac stadium £54.33
619-6927 254 (Dia.) x 88.9mm, 547m³/h, 35W, 115Vac £66.30
619-6949 254 (Dia.) x 88.9mm, 929m³/h, 35W, 230Vac £68.29

AXIAL BRUSHLESS HIGH PERFORMANCE BALL BEARING FAN

- Brushless DC Motor with auto restart, polarity protected
- Dual ball bearing system
- Temperature Range: -10C ~ +70C
- Expected Life 65,000 hours (@45C)



541-5340 120 x 120 x 25mm, 122.4m³/h, 3W, 24Vdc £19.28
541-5362 120 x 120 x 25mm, 151.3m³/h, 5W, 24Vdc £18.95
668-8858 120 x 120 x 25mm, 144.5m³/h, 5.8W, 24Vdc £14.46
541-5435 120 x 120 x 32mm, 204m³/h, 6W, 24Vdc £20.00
541-5132 120 x 120 x 38.5mm, 161.5m³/h, 4W, 12Vdc £22.04
668-8855 120 x 120 x 38.5mm, 163.2m³/h, 4.8W, 24Vdc £14.00
541-5407 120 x 120 x 38.5mm, 178m³/h, 7W, 24Vdc £22.57

AXIAL DIECAST ALUMINIUM FRAME FAN

- UL94V-0 thermoplastic impeller
- Brushless motor
- Operating temperature -20°C to +70°C
- 180 x 180 x 65mm, 765m³/h, 24W, 24Vdc



619-6747 £124.09

AXIAL FAN SQUARE FITTING - DC

- RS brushless high performing ball bearing fans provide a general purpose, compact, cost-effective and reliable solution to a variety of requirements.
- Black construction



AXIAL FAN WITH TACHOMETER OUTPUT

- Compact
- Cost-effective and reliable solution
- Black construction
- 40 x 40 x 10mm, 11.9m³/h, 2.16W, 24Vdc



619-7043 £10.59

SEALED SLEEVE AXIAL FAN

- Sealed sleeve technology retains bearing lubricant
- Long life expectancy (more than 50,000 hours)
- Black construction



668-8808	40 x 40 x 10mm, 11.4m³/h, 1.2W, 12Vdc	£6.91
668-8801	40 x 40 x 10mm, 11.4m³/h, 1.4W, 24Vdc	£6.91
789-7867	50 x 50 x 10.5mm, 19m³/h, 1.44W, 12Vdc	£6.40
541-5182	60 x 60 x 15mm, 20.4m³/h, 1.2W, 24Vdc	£10.48
541-5198	60 x 60 x 15mm, 23.8m³/h, 1.7W, 24Vdc	£10.51
541-5205	60 x 60 x 15mm, 32.3m³/h, 2.2W, 24Vdc	£10.51

DESK FAN

- Cost effective desk fans for office use.
- Fan speed rotary control knob and white wire mesh guard for extra safety.
- Fan head can be set to oscillate or it can be fixed.



470-4295	2 speed 23cm	£20.61
489-2415	3 speed 30cm	£34.84

PEDESTAL FAN

- 40cm Pedestal fan for use in offices
- Oscillating or fixed fan head
- Wire mesh guard in white
- 3 Speed settings
- Height extendable from 1.15 to 1.45 metres



470-4318 £45.19

FLOOR FAN

- 3-speed floor fan
- Rugged chrome plated metal frame and grille for commercial use
- Plastic feet provide stability on any surface
- Lightweight aluminium fan impellers
- Fan can be tilted backwards from vertical to act well as an office air circulator.



700-1439 £55.81

HEAVY DUTY FLOOR FAN

- Material die casting aluminium alloy housing
- Finished powder coating in red
- Power input 220-240V~ 50Hz



810-1145	30cm Dia, 550W, 3300 RPM, Euro Plug	£151.50
810-1148	30cm Dia, 550W, 3300 RPM, UK Plug	£151.88
810-1132	50cm Dia, 1100W, 1720 RPM, Euro Plug	£363.08
810-1136	50cm Dia, 1100W, 1720 RPM, UK Plug	£313.33



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FEMALE QUICK CONNECT BRASS COUPLINGS

- VITON fluoroelastomer seals, incorporating a poppet valve.
- Mechanically-locking balls, suitable for use within environments from -15 to +180°C.
- Designed to prevent connection or disconnection where residual pressure exists.



768-5813	1/8in Female	£23.33
768-5825	3/8in Female	£27.90
768-5838	1/2in Female	£31.49
768-5835	5/8in Female	£57.33
768-5819	1/8in Male	£10.39
768-5829	1/2in Male	£12.66

ISO B - STEEL BODY COUPLERS

- Resistance to high temperatures (-25 to +125 °C)
- Suited to general industrial and agricultural applications
- Nitrile seal material
- Steel body construction
- Complies with standard ISO 7241-1, 'B'



733-5592	1/8in BSP female steel body coupler	£8.88
733-5574	1/4in BSP male tip steel coupler	£4.17

CARBON STEEL FEMALE HYDRAULIC QUICK CONNECT COUPLING

- Connection via hand or tool under maximum working pressure
- Withstands high static pressures
- Maximum flow rate maintained should light unscrewing of the sleeve occur
- Large operating temperature range -25 to +100 °C
- Nitrile seal material
- Carbon steel body construction



733-5619	1/8in BSP female flat face body coupler	£12.78
733-5628	3/8in BSP female flat face body coupler	£12.90
733-5640	1/2in BSP female flat face body coupler	£19.22

CARBON STEEL MALE HYDRAULIC QUICK CONNECT COUPLING

- Connection via hand or tool under maximum working pressure
- Withstands high static pressures
- Maximum flow rate maintained should light unscrewing of the sleeve occur
- Large operating temperature range -25 to +100 °C
- Nitrile seal material
- Carbon steel body construction

**SELF SEALING COUPLER**

- NBR O-ring seals
- Stainless Steel balls
- Double shut-off
- Operating temperature range -25 to +125°C



745-4704	1/8in BSP female self sealing coupler	£8.51
745-4716	3/8in BSP female self sealing coupler	£8.40
745-4693	1/2in BSP female self sealing coupler	£9.07
745-4697	5/8in BSP female self sealing coupler	£19.26
745-4729	1in BSP female self sealing coupler	£32.80
745-4700	1/8in BSP male self sealing coupler	£3.69
745-4722	3/8in BSP male self sealing coupler	£3.69
745-4710	1/2in BSP male self sealing coupler	£3.59
745-4707	5/8in BSP male self sealing coupler	£8.17
745-4713	1in BSP male self sealing coupler	£16.57

SINGLE TUBE HOSE CLAMPS

- Smooth internal profile allows firm grip over total contact area
- Chamfered edges eliminate hose cover damage when in use
- Can be used in conjunction with the Parker range of No-Skive hoses
- Temperature range -30°C to +90°C



414-1458	15mm OD hose	£5.25
414-1464	19mm OD hose	£6.66
414-1470	22mm OD hose	£6.39
414-1486	25mm OD hose	£5.96
414-1492	29mm OD hose	£7.77
414-1509	38mm OD hose	£8.50

HYDRAULIC HAND DISPLACEMENT PUMP

- Heavy duty pistonless polythene displacement pump
- Multi-adaptor for raised screw neck closures
- Adaptor to fit standard plastic drum internal thread and telescopic dip-tube to suit any drum from 20l to 210l
- The pump is self-priming and has a displacement of approximately 250ml per stroke



809-009 £52.62

SPIN-ON FILTERS

- Can either be used as suction or return line filters
- Aluminium filter head
- NBR (Buna-N[®]) sealings
- Port connections: BSP NPT, SAE Flange, SAE O-ring thread
- Up to 14 bar / 200 PSI operating pressure



512-544 65 l/min 10 micron £11.85
512-635 95 l/min 10 micron £17.11

IN LINE SPIN-ON FILTER HEAD AND FILTER

- Ideally suited to low pressure applications
- Aluminium filter head
- NBR (Buna-N[®]) sealings
- Port connections: BSP NPT, SAE Flange, SAE O-ring thread
- Up to 460 l/min / 120 US GPM nominal flow rate



512-588 65 l/min 10 micron £24.70
512-617 95 l/min 10 micron £37.15

WIRE COVERED HYDRAULIC HOSE ASSEMBLY

- High tensile steel wire reinforcing
- Suitable for mineral oils, lubricating oils, water glycol, water-oil emulsion hydraulic fluids
- Maximum operating pressure 190 bar
- Operating temperature -40°C to +121°C
- Straight female G thread connections



110-2243	500mm L x 1/4in ID	£18.36
110-2244	750mm L x 1/4in ID	£26.23
110-2245	1000mm L x 1/4in ID	£23.91
110-2246	1500mm L x 1/4in ID	£29.85
110-2247	2000mm L x 1/4in ID	£35.48
110-2251	2000mm L x 3/8in ID	£39.88
110-2253	750mm L x 1/4in ID	£28.11
110-2385	1000mm L x 1/4in ID	£40.85
110-3013	2000mm L x 1/4in ID	£64.81
110-3281	500mm L x 3/8in ID	£36.78
110-3867	1000mm L x 3/8in ID	£45.92

90° ELBOW HYDRAULIC HOSE ASSEMBLY

- Suitable for mineral oils, lubricating oils, water glycol, water-oil emulsion hydraulic fluids
- Maximum operating pressure 400 bar
- Operating temperature -40°C to +100°C



110-2204	1/4in ID, 407mm	£10.88
110-2211	1/4in ID, 1162mm	£18.60
110-2221	3/8in ID, 856mm	£18.55
110-2222	3/8in ID, 958mm	£19.70
110-2224	3/8in ID, 1458mm	£25.27
110-2232	1/4in ID, 1156mm	£26.21
110-2238	3/8in ID, 854mm	£38.38
110-2240	3/8in ID, 1954mm	£59.54

STRAIGHT HYDRAULIC HOSE ASSEMBLY

- Synthetic rubber outer covering
- High tensile steel wire reinforcing
- Operating pressure 400 bar
- Operating temperature -40°C to +100°C



110-1987	262 mm L x 1/4in ID	£8.32
110-1989	462mm L x 1/4in ID	£10.26
110-1995	1462mm L x 1/4in ID	£19.93
110-1997	1962mm L x 1/4in ID	£24.71
110-2007	1458mm L x 3/8in ID	£22.83
110-2008	1958mm L x 3/8in ID	£28.39
110-2009	256mm L x 1/4in ID	£11.42
110-2019	1956mm L x 1/4in ID	£34.09
110-2020	454mm L x 1/4in ID	£25.86
110-2023	1154mm L x 3/8in ID	£39.88
110-2140	1454mm L x 1/4in ID	£45.35
110-2158	1954mm L x 3/8in ID	£52.88

STEEL HYDRAULIC TUBING

- Hydraulic seamless tube
- Manufactured to DIN 2391/C and supplied in 2m lengths
- Capped ends to prevent dirt ingress
- Temperature range (without pressure reduction) is -40°C to +120°C
- Compatible with the range of EO hydraulic tube fittings, for fluid applications



188-481	10mm x 2mm	£39.04
188-497	12mm x 2mm	£43.45
188-510	16mm x 2mm	£41.76
188-469	6mm x 1.5mm	£34.92
188-475	8mm x 1.5mm	£40.47
400-7702	Zinc plated, 10mm x 1.5mm	£31.77
400-7718	Zinc plated, 12mm x 1.5mm	£34.14
400-7724	Zinc plated, 16mm x 2mm	£50.29
400-7689	Zinc plated, 6mm x 1mm	£40.81
432-5735	Zinc plated, 8mm x 1.5mm	£35.40

BULKHEAD CONNECTOR - ONE-TOUCH PUSH TO CONNECT

- Immediate strong engineering plastic (POM) sleeve disconnection by pressing the sleeve then simply removing tube from fitting
- Fittings are already equipped with Teflon treatment or O-Ring on the thread
- Nickel plated brass body ensures anti-contamination properties for an extended product life
- Use with air (no other type of gas or liquid)
- Working pressure range 0 to 150 psi
- Working temperature range 0 to 60 °C



916-0839 4 mm	£26.60
916-0833 6 mm	£28.30
916-0842 8 mm	£34.70
916-0845 10 mm	£51.74

IN LINE CONNECTOR - ONE-TOUCH PUSH TO CONNECT

- POM sleeve disconnection by pressing the sleeve then simply removing tube from fitting
- Teflon treatment or O-Ring on the thread
- Nickel plated brass body
- Use with air (no other type of gas or liquid)
- Working pressure range 0 to 150 psi
- Working temperature range 0 to 60 °C



916-0820 4 mm	£19.02
916-0823 6 mm	£20.25
916-0827 8 mm	£24.81
916-0836 10 mm	£43.46

CROSS ADAPTER - ONE-TOUCH PUSH TO CONNECT

- Equipped with Teflon treatment or O-Ring on the thread
- Use with air (no other type of gas or liquid)
- Working pressure range 0 to 150 psi
- Working temperature range 0 to 60 °C



916-0924 4 mm	£17.00
916-0928 6 mm	£19.70
916-0937 8 mm	£20.95
916-0930 10 mm	£25.90

ELBOW THREADED-TO-TUBE ADAPTER

- Suitable for instrumentation, vacuum and general purpose applications
- Can be used with nylon or polyurethane tubing
- Operating Temperature Range -18 to +70°C
- Operating Pressure of -1 to 15 bar



299-4137 1/8in x 4mm	£9.86
299-4109 1/4in x 6mm	£7.69
299-4115 1/8in x 6mm	£7.36
299-4086 1/8in x 8mm	£7.97
299-4165 1/4in x 6mm	£9.53

BANJO - ONE-TOUCH PUSH TO CONNECT

- One-touch push to connect configuration allows for an instant tubing connection
- Applicable for use with air
- Working pressure range, 0-150 psi



916-0849 R1/8", 4 mm	£17.76
916-0858 R1/8", 6 mm	£18.51
916-0851 R1/4", 6 mm	£19.90
916-0855 R1/8", 8 mm	£19.71
916-0864 R1/4", 8 mm	£21.76
916-0867 R1/8", 10 mm	£6.18
916-0861 R1/4", 10 mm	£31.70

ELBOW THREADED-TO-TUBE ADAPTER ONE-TOUCH PUSH TO CONNECT

- Equipped with Teflon treatment or O-Ring on the thread
- Nickel plated brass body ensures anti-contamination properties for an extended product life
- Working pressure range 0 to 150 psi
- Working temperature range 0 to 60 °C



916-0763 R1/8 x 4 mm	£13.04
916-0766 R1/4 x 4 mm	£15.97
916-0754 M6 x 4 mm	£15.37
916-0779 R1/8 x 6 mm	£13.73
916-0772 R1/4 x 6 mm	£14.82
916-0760 M6 x 6 mm	£15.38
916-0776 R1/4 x 8 mm	£15.82
916-0785 R1/4 x 8 mm	£16.88
916-0788 R1/8 x 10 mm	£24.79
916-0782 R1/4 x 10 mm	£25.22

ELBOW TUBE-TO-TUBE ADAPTER ONE-TOUCH PUSH TO CONNECT

- Immediate strong engineering plastic (POM) sleeve disconnection by pressing the sleeve then simply removing tube from fitting
- Fittings are already equipped with Teflon treatment or O-Ring on the thread
- Nickel plated brass body ensures anti-contamination properties for an extended product life
- Use with air (no other type of gas or liquid)
- Working pressure range 0 to 150 psi
- Working temperature range 0 to 60 °C



916-0889 4 mm	£9.00
916-0883 6 mm	£9.45
916-0892 8 mm	£10.25
916-0895 10 mm	£12.60

SPEED CONTROL ELBOW

- Accurate regulation of an optimal airflow rate for precise motion control
- Applicable for use with air
- Working pressure range, 0-150 psi
- Working temperature range, 32°F to 140°F



916-0959 4 mm	£43.00
916-0952 6 mm	£44.45
916-0956 8 mm	£44.85
916-0965 10 mm	£43.05

BAYONET COUPLINGS

- Positive bayonet type connection
- Maximum operating pressure of 35 bar



776-8343 Adaptor, 1/8in male	£6.66
776-8340 Adaptor, 1/8in female	£6.66
776-8352 Coupling, 1/8in female	£9.83
776-8328 Coupling, 1/8in male	£9.83

QUICK CONNECT COUPLING

- Suitable for all general purpose industrial air line applications
- Maximum operating pressure is 35 bar
- Operating temperature range is -20°C to +100°C.
- All couplings are of the single shut-off type and allow one handed operation



STRAIGHT NON RETURN VALVE

- Allows compressed air from one side and blocks the inverse to maintain the vacuum line.
- Easily applied to low-pressure piping
- Applicable for use with air
- Working pressure range, 0-150 psi
- Working temperature range, 32°F to 140°F



916-0934 4 mm	£4.00
916-0943 6 mm	£4.95
916-0946 8 mm	£6.90
916-0940 10 mm	£9.35

STEEL QUICK CONNECT COUPLING

- Fully interchangeable with the "ULTRA-FLO" series, and is fitted with a plug system
- Maximum Operating Pressure 35 bar



667-1914 Female G 1/2	£12.23
667-1917 Female G 1/4	£10.24
667-1910 Female G 3/8	£10.79
667-1945 Male G 1/2	£12.54
667-1932 Male G 1/4	£9.92
667-1936 Male G 3/8	£10.91

QUICK CONNECT COUPLING

- Suitable for all general purpose industrial air line applications
- Maximum operating pressure is 35 bar
- Operating temperature range is -20°C to +100°C.
- All couplings are of the single shut-off type and allow one handed operation



667-1689 Female thread coupler G 1/4	£10.97
667-1728 Female thread coupler G 1/4	£8.10
667-1838 Female thread coupler G 1/4	£8.20
667-1829 Female thread coupler G 1/8	£7.50
667-1737 Female thread coupler G 3/8	£12.43
667-1692 Female Thread Plug G 1/4	£11.42
667-1850 Female Thread Plug G 1/4	£12.42
667-1765 Female Thread Plug G 1/4	£9.30
667-1841 Female Thread Plug G 1/8	£12.02

BRASS QUICK CONNECT COUPLING

- Industrial pattern connectors, suitable for all general purpose industrial air line applications.
- Maximum operating pressure is 35 bar
- Operating temperature range is -20°C to +100°C
- All couplings are of the single shut-off type and all allow one handed operation



667-1844	Male Thread Coupler G 1/4	£8.30
667-1835	Male Thread Coupler G 1/8	£7.71
667-1740	Male Thread Coupling R 1/2	£12.43
667-1743	Male Thread Coupling R 1/4	£8.10
667-1746	Male Thread Coupling R 3/8	£12.43

HOSE BARB QUICK CONNECT COUPLING

- Ideally suited to air tool and garage applications
- Couplings are of the single shut-off type, and all allow one-handed operation
- Maximum operating pressure is 35 bar
- Temperature range is -20°C to +100°C
- Sold in pack of 5



MINIATURE QUICK CONNECT COUPLING

- Suitable for dental equipment, robotics and automation
- Small body dimensions with high flow rate and low pressure drop
- Maximum operating pressure 35 bar and temperature range is -20°C to +100°C
- Sold in a pack of 5



667-1816	Male Thread Plug G 1/4 Series 21	£11.58
667-1807	Male Thread Plug G 1/8	£9.96

HIGH CAPACITY COUPLING

- Ideal for heavy tool applications, mains supply outlets and stamping equipment
- Very high flow capacity combined with low pressure drop characteristics
- Maximum operating pressure 35 bar and temperature range is -20°C to +100°C



667-2036	Male Thread Plug R 1/2	£4.46
667-1730	Male Thread Plug R 1/4	£8.24



SILENCERS

- It withstands pressure up to 10 bar
- This silencer works at a temperature range of -10 to +80°C
- Efficient noise reduction characteristics
- Prevents dirt ingress into valuable pneumatic circuitry

STRAIGHT THREADED-TO-TUBE ADAPTER

- Suitable for instrumentation, vacuum and general purpose applications
- Can be used with nylon or polyurethane tubing
- Operating Temperature Range -18 to +70°C
- Operating Pressure of -1 to 15 bar
- Sold in a Pack of 5



667-1724	10 mm 3/8 in	£10.09
667-1920	10 mm 3/8 in	£10.30
667-1686	10 mm G 3/8	£13.82
667-1939	13 mm 1/2 in	£10.79
667-1822	6 mm 1/4 in	£9.42
667-1926	8 mm 5/16 in	£9.73
667-1825	9 mm 5/16 in	£10.16
667-1756	10 mm 3/8 in	£8.24

SCREW COLLAR STRAIGHT THREADED-TO-TUBE ADAPTER

- Push-on and screw collar design
- Suitable for instrumentation, vacuum and general purpose applications
- Can be used with nylon or polyurethane tubing
- Operating Temperature Range -18 to +70°C
- Operating Pressure of -1 to 15 bar
- Sold in a Pack of 5



454-7373	G 1/8	£1.60
454-7395	G 1/4	£1.92
454-7402	G 3/8	£2.34
454-7367	M5	£1.33
454-7418	G 1/2	£3.88
454-7424	G 1/4	£11.91
454-7430	G 1	£15.23

MALE PUSH IN THREADED-TO-TUBE ADAPTER

- One-touch push to connect configuration
- Useful for piping in confined spaces due to its six-angle wrench
- Nickel plated brass body



916-0707	R1/8 x 4 mm	£7.79
916-0700	R3/8 x 4 mm	£10.59
916-0697	M5 x 4 mm	£8.75
916-0713	R1/8 x 6 mm	£8.82
916-0716	R3/8 x 6 mm	£9.27
916-0704	M5 x 6 mm	£10.41
916-0710	R1/8 x 8 mm	£10.36
916-0729	R3/8 x 8 mm	£10.21
916-0722	R1/8 x 10 mm	£16.97
916-0726	R3/8 x 10 mm	£16.93

FEMALE PUSH IN THREADED-TO-TUBE ADAPTER

- Push-in and screw collar suitable for instrumentation, vacuum and general purpose applications
- Can be used with nylon or polyurethane tubing.
- Operating Temperature Range -18 to +70°C
- Operating Pressure of -1 to 15 bar
- Sold in a pack of 10



916-0735	R1/8" x 4 mm	£14.59
916-0738	R5/8" x 4 mm	£15.38
916-0732	R1/8" x 6 mm	£15.37
916-0741	R5/8" x 6 mm	£15.97
916-0744	R1/8" x 8 mm	£15.40
916-0748	R5/8" x 8 mm	£15.92
916-0757	R1/8" x 10 mm	£5.65
916-0750	R5/8" x 10 mm	£26.60

STRAIGHT TUBE-TO-TUBE CONNECTORS

- One-touch push to connect configuration allows an instant tubing connection
- Equipped with Teflon treatment or O-Ring on the thread
- Nickel plated brass body ensures anti-contamination properties for an extended life
- Working pressure range, 0-150 psi
- Working temperature range, 32°F to 140°F
- Sold in a pack of 10



PUSH IN TEE TUBE-TO-TUBE ADAPTER

- One-touch push to connect configuration allows for an instant tubing connection
- Fittings are equipped with Teflon treatment or O-Ring on the thread
- Nickel plated brass body ensures anti-contamination properties for an extended life
- Applicable for use with air
- Working pressure range, 0-150 psi
- Working temperature range, 32°F to 140°F
- Sold in a pack of 10



PUSH IN TEE THREADED-TO-TUBE ADAPTER

- Push-in and screw collar
- Suitable for instrumentation, vacuum and general purpose applications
- Can be used with nylon or polyurethane tubing
- Operating Temperature Range -18 to +70°C
- Operating Pressure of -1 to 15 bar
- Sold in a pack of 10



PUSH IN Y TUBE-TO-TUBE ADAPTER,

- One-touch push to connect configuration allows for an instant tubing connection
- Fittings are equipped with Teflon treatment or O-Ring on the thread
- Nickel plated brass body ensures anti-contamination properties for an extended life
- Applicable for use with air
- Working pressure range, 0-150 psi
- Working temperature range, 32°F to 140°F
- Sold in a pack of 10



916-0794	R1/8 x 4 mm	£13.80
916-0791	M5 x 4 mm	£12.95
916-0808	R1/8 x 6 mm	£17.25
916-0801	R3/8 x 6 mm	£20.60
916-0798	M5 x 6 mm	£16.30
916-0805	R1/8 x 8 mm	£19.75
916-0814	R3/8 x 8 mm	£22.30
916-0817	R1/8 x 10 mm	£33.40
916-0811	R3/8 x 10 mm	£34.30

916-0915	4 mm	£9.90
916-0918	6 mm	£11.70
916-0912	8 mm	£12.60
916-0921	10 mm	£17.00

STEEL LINE MOUNTING BALL VALVE 2 WAY

- High pressure two-way ball valves with BSP parallel threaded ports.
- Brass ball
- Suitable for use with water and oil
- Nitrile stem seal



297-5827	1/4in BSP parallel ("G") thread	£11.36
297-5833	3/8in BSP parallel ("G") thread	£13.24

STEEL LINE MOUNTING BALL VALVE 3 WAY

- High pressure 'L' bore three way diverter ball valves with BSP parallel threaded connections at all ports.
- These valves would be included in most circuits requiring a change over option
- Suitable for use with water and oil
- Nitrile seals, Delrin® ball seat



243-1816	G 1/4in BSP	£37.06
243-1793	G 1/4in BSP	£30.99
243-1800	G 3/8in BSP	£30.34
243-1822	G 3/8in BSP	£63.26

STAINLESS STEEL BALL VALVE

- 316 stainless steel 2 way ball valves
- Reduced bore design
- Suitable for use with water and oil
- PTFE seals.



324-5010	1/4in BSP	£70.02
324-5026	3/8in BSP	£71.77

MINI BRASS BALL VALVE

- Operating Temperature : -20°C (-40°F) / +90°C (+200°F)
- Operating pressure : PN30; non-shock cold working pressure
- Threads : ISO228 parallel threads
- Stem Configuration : with FPM O-ring at the stem for maximum safety
- Ball seats : Pure PTFE self-lubricating, with flexible-lip design
- Body : Chrome plated brass



486-350	1/4in BSPP F-F	£4.79
486-277	1/4in BSPP F-F	£3.64
486-340	3/8in BSPP F-F	£3.64
486-356	1/4in BSPP F-M	£4.79
486-334	1/4in BSPP F-M	£3.64
486-366	3/8in BSPP F-M	£3.64

STEEL NON-RETURN VALVE

- Non-return valve by means of spring loaded ball housed in an ABS plastic guide.
- Spring Rating: 0.35 bar or 4.5 bar
- Temp.Range: -20 to +100° C



283-8295	G 1/4in BSP	£8.93
283-8302	G 3/8in BSP	£11.22
283-8318	G 1/2in BSP	£16.34
283-8324	G 3/4in BSP	£23.74

STAINLESS STEEL NON-RETURN VALVE

- Stainless steel BSP in-line check valve.
- Metal to metal seal by means of a machined cone
- BSP female thread forms.



324-4944	1/8in BSP	£72.68
324-4950	3/8in BSP	£73.31
324-4966	1/4in BSP	£96.37

HIGH PRESSURE FLOW CONTROL VALVE

- Maximum Operating Pressure 350 bar
- Easy to read colour flow graduation scale and a locking screw to stabilise flow
- Nitrile rubber seals
- Temp. range -10 to +100°C
- 0.5 bar cracking pressure



LINE MOUNTING FLOW CONTROL VALVE

- Thread G 3/8
- Needle adjustment for full shut-off or accurate control for a wide range of flow rates
- A graduated adjustable scale below the handle to indicate valve position
- Nitrile rubber seals
- Temp. range -20 to +100°C



390-7869		£133.78
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BRASS FLOW CONTROL VALVES

- Manufactured from nickel plated brass
- Nitrile rubber seals



283-8289	G1/4 Double Acting	£25.30	297-5899	3/8in BSP	£56.58	304-3959		£25.07
283-3997	3/8in BSP Double Acting	£33.02	297-5883	1/8in BSP	£48.08			
283-4007	1/8in BSP Double Acting	£49.13						
283-4013	1/8in BSP Single Acting	£35.85						
283-4035	1/8in BSP Single Acting	£50.25						

REED SWITCH GROOVE MOUNTED

- Integrated LED and 1m fly lead
- Simple and quick connection, no brackets required
- SPST N/O
- Operating Voltage 5-240V dc/ac
- Switching Current 100mA max.
- Indicator Red LED
- Sensitivity 40 Gauss
- Temperature Range -10 to +70°
- Enclosure Protection IP67



LINE MOUNTING HIGH PRESSURE FLOW CONTROL VALVE

- Maximum Operating Pressure 700 bar
- Easy to read colour flow graduation scale and a locking screw to stabilise flow
- Nitrile rubber seals
- Temp. range -10 to +100°C
- 0.5 bar cracking pressure



REED SWITCH BAND MOUNTED

- Contact function: N/O
- Voltage Rating: 3-250Vac/dc
- Current rating: 0.5Aac/dc
- Power rating: 15W inductive; 50W resistive
- IP rating: IP65
- Integral LED indicator
- 2.5m 2-core flying lead
- Ambient temp. -20 to +85°C



**COMPRESSED AIR FILTER
REGULATOR LUBRICATOR**

- Portable Air Cradle is a free-standing unit that may be used with air tools.
- Temperature range -10°C to +50°C
- Maximum flow rate of 2500 litres per minute
- Connection: G 1/2"



784-0085

£161.32

**AUTOMATIC PNEUMATIC DRAIN
VALVE**

- Designed to provide automatic draining of filter bowls, separators, receivers.
- Length of time open (0.5 to 45 minutes) and frequency both adjustable
- Discharge time 0.5 to 10 seconds
- Test facility for manual override
- Inlet Port R 3/8"
- Outlet Port R 3/8"

**PNEUMATIC CABINET COOLER**

- Cools cabinet volumes of up to 2m³
- Stainless steel construction
- Silenced for quiet operation
- Uses normal compressed air at 7 bar (80-100psi)
- 1500Btu/h 35cfm



291-5386

£397.43

PNEUMATIC COLD AIR GUN

- Cold air guns reduce the temperature of compressed air passing through them by approximately 34°C
- Cooling capacity up to 2500 BTU/h
- Stainless steel construction
- 2 integral silencers; magnetic base; 4 cold fraction generators and directional hose



291-1312 Non-adjustable

£291.91

445-3054 Adjustable

£300.41

STEEL CETOP CLEVIS

- Threaded holes in Cetop clevis are compatible with ISO prime threaded forms
- Clevis- steel to BS970pt/1983 220 MOT
- Spring clip -steel to BS970 pt. 5 1972 270 A72
- Zinc plated



312-0292 M10 x 1.25mm

£3.44

312-0309 M12 x 1.25mm

£4.65

312-0315 M16 x 1.5mm

£8.96

**DOUBLE ACTION PROFILE
CYLINDER**

- Conforms to Standards: VDMA 24562; (1992); ISO 6431
- Pressure Range 0.5 to 10 Bar
- Temperature Range -20 to +80°C
- Media: Compressed Filtered Air, Dry or Lubricated



480-2125	32mm bore 50mm stroke	£69.88
480-2147	32mm bore 100mm stroke	£73.58
480-2153	32mm bore 160mm stroke	£77.95
480-2169	32mm bore 200mm stroke	£81.07
480-2181	40mm bore 50mm stroke	£75.56
480-2197	40mm bore 80mm stroke	£78.32
480-2204	40mm bore 100mm stroke	£80.24
480-2282	50mm bore 160mm stroke	£98.37

**DOUBLE ACTION ROUNDLINE
CYLINDER**

- Pressure range: 1-10 bar
- Ambient temp. Range: -20°C to +80°C
- Medium: Compressed air, filtered, lubricated or non-lubricated



304-3814	16 x 160mm Stroke	£36.68
304-3482	16 x 25mm Stroke	£30.60
304-3498	16 x 40mm Stroke	£31.05
304-3505	16 x 50mm Stroke	£32.05
304-3511	16 x 80mm Stroke	£33.04
304-3577	20 x 100mm Stroke	£37.53
304-3864	20 x 125mm Stroke	£38.70
304-3549	20 x 40mm Stroke	£34.66
304-3555	20 x 50mm Stroke	£35.12
304-3612	25 x 100mm Stroke	£41.71
304-3921	25 x 125mm Stroke	£43.03
304-3915	25 x 160mm Stroke	£45.99
304-3909	25 x 200mm Stroke	£48.14
304-3583	25 x 25mm Stroke	£37.75
304-3886	25 x 320mm Stroke	£59.35
304-3870	25 x 50mm Stroke	£39.07
304-3606	25 x 80mm Stroke	£40.65

LIGHT DUTY NYLON TUBE

- Flexible, lightweight and durable over a wide temperature range
- Length 30m
- Maximum Operating Pressure 17 bar
- Minimum Operating Temperature -40°C
- Maximum Operating Temperature +80°C



415-0395	Blue 8mm OD	£31.49
415-0519	Red 12mm OD	£51.86
415-0345	Natural 8mm OD	£31.49
415-0480	Natural 12mm OD	£51.86
415-0288	Natural 6mm OD	£18.50

STANDARD NYLON AIR HOSE

- Flexible, lightweight and durable over a wide temperature range
- Length 30m
- Maximum Operating Pressure 22 bar
- Minimum Operating Temperature -40°C
- Maximum Operating Temperature +80°C



NYLON AIR HOSE

- Flexible, lightweight and durable over a wide temperature range
- Length 30m
- Maximum Operating Pressure 26 bar
- Minimum Operating Temperature -40°C
- Maximum Operating Temperature +80°C



483-4914	Black 4mm OD	£15.34
483-4936	Blue 4mm OD	£15.34

STANDARD NYLON AIR HOSE

- Flexible, lightweight and durable over a wide temperature range
- Length 30m
- Maximum Operating Pressure 22 bar
- Minimum Operating Temperature -40°C
- Maximum Operating Temperature +80°C



STANDARD NYLON TUBE

- Flexible, lightweight and durable over a wide temperature range
- Length 30m
- Maximum Operating Pressure 24 bar
- Minimum Operating Temperature -40°C
- Maximum Operating Temperature +80°C



483-4958	Black 6mm OD	£26.09
483-4970	Blue 6mm OD	£26.09
483-4964	Green 6mm OD	£26.09
483-5557	Natural 6mm OD	£26.09

483-5080	Blue 10mm OD	£60.32
483-5052	Black 10mm OD	£60.32

REINFORCED HIGH VISIBILITY HOSE

- EC and NSF51 compliant for Food Equipment Materials and contact applications
- Resistant to a wide range of chemicals including many acids / alkalis
- 10 bar Working Pressure @ 4:1 safety factor
- Service temperature = -15°C to + 60°C
- Manufactured in accordance with ISO 5774
- 30m Length



912-0958	6mm ID	£23.45
912-0967	8mm ID	£29.13
912-0960	10mm ID	£36.23
912-0964	13mm ID	£45.63

POLYURETHANE AIR HOSE

- Can be used with pneumatic Push Fit adapters
- Kink resistance and suitable for use with a wide range of chemicals
- Length 30m
- Maximum Operating Pressure 10 bar
- Minimum Operating Temperature -50°C
- Maximum Operating Temperature +50°C



917-2378	Black 5mm ID, 8mm OD	£40.77
917-2381	Blue 5mm ID, 8mm OD	£40.77
917-2404	Clear 5mm ID, 8mm OD	£40.77
917-2426	Red 5mm ID, 8mm OD	£40.77
917-2444	Yellow 5mm ID, 8mm OD	£40.77
917-2369	Black 4mm ID, 6mm OD	£25.96
917-2387	Blue, 4mm ID, 6mm OD	£25.96
917-2410	Green, 4mm ID, 6mm OD	£25.96
917-2400	Clear, 4mm ID, 6mm OD	£25.96
917-2422	Red, 4mm ID, 6mm OD	£25.96
917-2441	Yellow 4mm ID, 6mm OD	£25.96
917-2365	Black, 2.5mm ID, 4mm OD	£18.05
917-2384	Blue, 2.5mm ID, 4mm OD	£18.05
917-2416	Green, 2.5mm ID, 4mm OD	£18.05
917-2407	Clear 2.5mm ID, 4mm OD	£18.05
917-2429	Red, 2.5mm ID, 4mm OD	£18.05
917-2432	Yellow 2.5mm ID, 4mm OD	£18.05

STANDARD NYLON AIR HOSE

- Flexible, lightweight and durable over a wide temperature range
- Length 30m
- Minimum Operating Temperature -40°C
- Maximum Operating Temperature +80°C

**STANDARD DUTY POLYURETHANE TUBE**

- Highly flexible, cut and abrasion resistant
- Silicone free
- Ideal for pneumatic control and chemical transfer lines
- Temperature range -50 to +55°C
- Maximum Operating Pressure 7.5 bar

**FLEXIBLE AIR HOSE**

- A fully flexible rubber/PVC alloy air hose
- Excellent abrasion, oil and fuel resistance
- Working pressure 20 bar
- Length 30m
- Maximum Operating Pressure 20 bar
- Minimum Operating Temperature -15°C
- Maximum Operating Temperature +60°C



483-5103	Black 12mm OD 21 bar	£75.47
483-5614	Natural 12mm OD 21 bar	£72.72
415-0626	Blue 12mm OD 12.5 bar	£91.28
415-0597	Natural 12mm OD 21 bar	£88.62

917-2371	Black 25mm ID 10mm OD	£51.87
917-2393	Clear 25mm ID 10mm OD	£51.87
917-2390	Blue 25mm ID 10mm OD	£51.87
917-2435	Red, 25mm ID 10mm OD	£51.87

197-8538	Black/yellow strip 10mm ID	£61.81
197-8544	Yellow 13mm ID	£85.01
197-8522	Black/yellow strip 8mm ID	£54.08

POLYURETHANE AIR HOSE

- Can be used with pneumatic Push Fit adaptors
- Kink resistance and suitable for use with a wide range of chemicals
- Length 30m
- Maximum Operating Pressure 6.5 bar
- Minimum Operating Temperature -50°C
- Maximum Operating Temperature +50°C

**PVC NITRILE BLEND AIR HOSE**

- Fitted with 1/4" BSP female swivel unions
- Constructed for tough work conditions
- Maximum operating pressure 20 bar
- Operating temperature range -25°C to +65°C



912-0939	10mm ID, 1/4" BSPT Unions, 5m	£9.99
912-0932	10mm ID, 1/4" BSPT Unions, 10m	£14.99
912-0936	10mm ID, 1/4" BSPT Unions, 15m	£21.66
912-0945	10mm ID, 1/4" BSPT Unions, 20m	£24.99
912-0914	8mm ID, 1/4" BSPT Unions, 5m	£9.16
912-0923	8mm ID, 1/4" BSPT Unions, 10m	£13.33
912-0926	8mm ID, 1/4" BSPT Unions, 15m	£19.99
912-0920	8mm ID, 1/4" BSPT Unions, 20m	£24.16
912-0948	13mm ID, 1/2" BSPT Unions, 5m	£18.33
912-0942	13mm ID, 1/2" BSPT Unions, 10m	£24.99
912-0951	13mm ID, 1/2" BSPT Unions, 15m	£30.82
912-0954	13mm ID, 1/2" BSPT Unions, 20m	£37.49
912-0904	6mm ID, 1/4" BSPT Unions, 5m	£8.74
912-0908	6mm ID, 1/4" BSPT Unions, 10m	£11.66
912-0917	6mm ID, 1/4" BSPT Unions, 15m	£18.16
912-0910	6mm ID, 1/4" BSPT Unions, 20m	£19.99

917-2375	Black 12mm OD	£69.32
917-2397	Blue 12mm OD	£69.32
917-2413	Clear 12mm OD	£69.32
917-2438	Red 12mm OD	£69.32

LIGHT DUTY NYLON TUBE

- Flexible, lightweight and durable over a wide temperature range
- Length 30m
- Maximum Operating Pressure 17 bar
- Minimum Operating Temperature -40°C
- Maximum Operating Temperature +80°C



415-0418	Natural 10mm OD	£49.83
415-0430	Black 10mm OD	£49.83
415-0468	Blue 10mm OD	£49.83
415-0496	Black 12mm OD	£51.86
415-0525	Blue 12mm OD	£51.86

STANDARD NYLON AIR HOSE

- Flexible, lightweight and durable over a wide temperature range
- Length 30m
- Maximum Operating Pressure 24 bar
- Minimum Operating Temperature -40°C
- Maximum Operating Temperature +80°C



483-5535	Natural 4mm OD 2.5mm ID	£15.34
483-5579	Red 6mm OD 4mm ID	£26.09
483-5591	Natural 10mm OD 7mm ID	£60.32
483-5131	Blue 12mm OD	£75.47
483-5636	Red 12mm OD	£74.18

SUPERFLEX NYLON AIR HOSE

- Developed for compact pneumatic control systems
- Superior flexibility
- High impact resistance
- Service temperature -40°C to +80°C
- Manufactured in accordance with BS 5409
- Length 30m



415-0575	Blue 10mm OD	£62.49
386-6190	Natural 6mm OD	£26.43
386-6207	Black 6mm OD	£26.43
386-6213	Blue 6mm OD	£26.43
386-6235	Natural 8mm OD	£41.35
386-6241	Black 8mm OD	£41.35
386-6257	Blue 8mm OD	£41.35
386-6263	Red 8mm OD	£41.33

REINFORCED SYNTHETIC RUBBER AIR HOSE

- Suitable for medium duty applications such as pneumatic air tools
- Length 25m
- Maximum Operating Pressure 20 bar
- Minimum Operating Temperature -40°C
- Maximum Operating Temperature +90°C



914-5540	6mm ID	£25.20
914-5543	8mm ID	£27.33
914-5525	10mm ID	£33.00
914-5534	12.5mm ID	£45.18
914-5537	19mm ID	£62.76
914-5531	25mm ID	£87.63

AUTO RETURN AIR HOSE

- Heavy duty steel construction
- Both ratchet and free run operating
- Movable stopper to adjust remaining hose length
- Temperature range -5°C to +60°C
- Supplied with wall and ceiling bracket
- Maximum Operating Pressure 15 bar



STANDARD DUTY POLYURETHANE TUBE

- Flexible tubing ideal for the transfer of air or fluids
- Highly flexible, cut and abrasion resistant
- Ideal for pneumatic control and chemical transfer lines
- Temperature range -50 to +55°C
- Length 30m
- Maximum Operating Pressure 8 bar



774-7056	Blue 25mm ID, 10mm OD	£53.44
774-7068	Clear 25mm ID 10mm OD	£53.44
774-7021	Blue 4mm ID, 6mm OD	£26.74
774-7030	Clear 4mm ID, 6mm OD	£26.74
774-7034	Black 5mm ID, 8mm OD	£42.00
774-7043	Blue 5mm ID, 8mm OD	£42.00
774-7059	Clear 5mm ID, 8mm OD	£42.00

POLYURETHANE SELF-COILING AIR HOSE

- Ideal for use in confined spaces
- Suitable for use up to a working pressure of 10 bar
- Connector BSP 1/4" Male
- Minimum Operating Temperature -20°C
- Maximum Operating Temperature +65°C



917-2325	Blue Maximum Length 2m, 8mm OD, BSP 1/4"	£13.87
917-2337	Blue Maximum Length 4m, 8mm OD, BSP 1/4"	£16.11
917-2331	Blue Maximum Length 6m, 8mm OD, BSP 1/4"	£20.19
917-2457	Red Maximum Length 2m, 8mm OD, BSP 1/4"	£13.87
917-2450	Red Maximum Length 4m, 8mm OD, BSP 1/4"	£16.11
917-2463	Red Maximum Length 6m, 8mm OD, BSP 1/4"	£20.19
917-2334	Blue Maximum Length 4m, 8mm OD, BSP 1/4"	£16.11
917-2488	Yellow Maximum Length 4m, 8mm OD, BSP 1/4"	£16.11
917-2343	Blue Maximum Length 2m, 12mm OD, BSP 3/8"	£17.86
917-2356	Blue Maximum Length 4m, 12mm OD, BSP 3/8"	£25.30
917-2353	Blue Maximum Length 6m, 12mm OD, BSP 3/8"	£31.94
917-2460	Red Maximum Length 2m, 12mm OD, BSP 3/8"	£17.86
917-2472	Red Maximum Length 4m, 12mm OD, BSP 3/8"	£25.30
917-2485	Red Maximum Length 6m, 12mm OD, BSP 3/8"	£31.94
917-2340	Blue Maximum Length 2m, 10mm OD, BSP 1/2"	£15.29
917-2347	Blue Maximum Length 4m, 10mm OD, BSP 1/2"	£19.92
917-2359	Blue Maximum Length 6m, 10mm OD, BSP 1/2"	£24.14
917-2466	Red Maximum Length 2m, 10mm OD, BSP 1/2"	£15.29
917-2479	Red Maximum Length 4m L, 10mm OD, BSP 1/2"	£19.92
917-2476	Red Maximum Length 6m L, 10mm OD, BSP 1/2"	£19.31

NYLON SELF-COILING AIR HOSE

- 1/4" BSP fittings
- Resistant to moisture and a wide range of chemicals
- 3.6m working length
- Max working pressure of 15 bar



917-2321	Black	£19.98
917-2362	Blue	£19.98
917-2448	Red	£19.98

NYLON SELF-COILING AIR HOSE

- Ideal for use in confined spaces these air line coils are suitable for use up to a working pressure of 18 bar.
- Connector BSP ¼" Male
- Minimum Operating Temperature -10°C
- Maximum Operating Temperature +80°C

**CLEAR PTFE TUBE**

- Food quality to FDA 1771550
- Resistant to aggressive and corrosive agents, ultra-violet light and high temperatures
- Very high resistance to abrasion.
- Length 5m
- Operating Temperature -40 to +150°C

**RED PUSH PULL PNEUMATIC MANUAL CONTROL VALVE**

- Power Take-Off (PTO) Control Valves from RS are suitable for panel/body/dashboard mounting
- Maximum Operating Pressure 18 bar
- Maximum Flow Rate 300L/min
- Minimum Operating Temperature -10°C
- Maximum Operating Temperature +50°C



700-5721	Blue Maximum Length 3.6m, 10mm OD	£20.58
700-5712	Red Maximum Length 3.6m, 10mm OD	£20.58

486-8901	4mm OD, 2.5mm ID, Max 22 Bar	£22.55
486-8917	6mm OD 4mm ID, Max 20 Bar	£43.88
486-8939	8mm OD, 6mm ID, Max 16 Bar	£56.78
486-8945	10mm OD, 8mm ID, Max 12 Bar	£76.93
486-8951	12mm OD, 10mm ID, Max 16 Bar	£96.96

784-0076	6mm Stroke	£40.90
784-0072	4mm Stroke	£35.55

COMPACT POLYURETHANE SELF-COIL AIR HOSE

- Ideal for use in confined spaces these air line coils are suitable for use up to a working pressure of 9 bar.
- Connector BSP ¼" Male
- Minimum Operating Temperature -20°C
- Maximum Operating Temperature +70°C

**COPPER TUBE**

- Annealed, standard duty copper tube
- Use with Enots compression fittings
- Operating Temperature Range -50 to +200 °C
- CVW024A grade
- 10m Length



700-5661	Blue Maximum Length 2m, 10mm OD	£15.75
700-5670	Blue Maximum Length 4m, 10mm OD	£20.52
700-5709	Red Maximum Length 4m, 10mm OD	£20.52
700-5673	Blue Maximum Length 6m, 10mm OD	£24.87
700-5702	Red Maximum Length 6m, 10mm OD	£7.56
700-5686	Blue Maximum Length 4m, 12mm OD	£26.06
700-5689	Blue Maximum Length 6m, 12mm OD	£32.91
700-5655	Blue Maximum Length 2m, 8mm OD	£14.29
700-5658	Blue Maximum Length 4m, 8mm OD	£16.60
700-5664	Blue Maximum Length 4m, 8mm OD	£16.60
700-5692	Red Maximum Length 4m, 8mm OD	£16.60
700-5667	Blue Maximum Length 6m, 8mm OD	£20.80
700-5695	Red Maximum Length 6m, 8mm OD	£20.80

846-474	1/4in OD, Max 120 Bar	£42.82
846-496	3/8in OD, Max 77 Bar	£61.73
846-503	4mm OD, Max 128 Bar	£22.34
846-519	5mm OD, Max 138 Bar	£35.54
846-525	6mm OD, Max 112 Bar	£39.99
846-828	8mm OD, Max 81 Bar	£52.44

PNEUMATIC SPRING / SOLENOID VALVE

- ATEX approved solenoid-spring valves
- For use in hazardous areas (explosive atmospheres and/or environments)
- Operating temperature range -10°C to +50°C
- Thread Size 1/8in
- Thread Standard G
- Maximum Operating Pressure 10 bar



CLEAR ROUND POLYURETHANE BELT

- Can be used with Quick connectors
- Light to medium duty
- No welding required
- FDA approved



701-0584	5mm x 5m	£9.40
701-0600	6mm x 30m	£62.77
701-0603	8mm x 30m	£92.82

ROUND POLYURETHANE BELT

- Non-reinforced round polyurethane belting
- Easily joined on site
- High load capacity
- High tensile strength



259-6480	Red 3mm dia x 30m	£35.38
259-6519	Red Dia. 8mm dia x 30m	£128.78
259-6531	Orange 5mm dia x 30m	£55.37
259-6418	Green 3mm dia x 30m	£35.38
259-6424	Green 4mm dia x 30m	£42.53
259-6430	Green 5mm dia x 30m	£59.36
259-6446	Green 6mm dia x 30m	£78.48
259-6468	Green 8mm dia x 30m	£129.78

NON-REINFORCED ROUND POLYURETHANE

- Easily joined on site
- High load capacity
- High tensile strength
- Oil/chemical/abrasion resistant
- 5m Length



309-8218	Orange 5mm dia	£15.00
309-8117	Green 4mm dia	£10.90
309-8123	Green 5mm dia	£15.05
309-8139	Green 6mm dia	£21.65
309-8145	Green 8mm dia	£30.75

SPA SECTION WEDGE BELTS

- Made from a heavy-duty wear resistant rubber
- Deeper profile for higher power
- Operating temperature range -40 °C to +70 °C
- Oil, heat and ozone resistant
- Top Width 13mm
- Height 10mm



136-8349	100mm	£4.38
136-8351	1060mm	£4.66
136-8355	1207mm	£5.31
136-8356	1250mm	£5.49
136-8358	1282mm	£5.63
136-8359	1320mm	£5.77
136-8360	1357mm	£5.95
136-8361	1382mm	£6.05
136-8362	1400mm	£6.14
136-8365	1457mm	£6.37
136-8366	1500mm	£6.60
136-8367	1600mm	£7.02
136-8369	1682mm	£7.38
136-8370	1700mm	£7.48
136-8371	1800mm	£7.89
136-8372	1900mm	£8.35
136-8373	2000mm	£8.77
136-8375	2240mm	£9.83
136-8377	2500mm	£10.98
136-8344	732mm	£3.23
136-8345	800mm	£3.51
136-8346	850mm	£3.74
136-8347	900mm	£3.97
136-8348	950mm	£4.15
136-8417	1000mm	£3.42
136-8421	1060mm	£3.60
136-8422	1080mm	£3.69
136-8423	1112mm	£3.78
136-8424	1120mm	£3.83
136-8427	1180mm	£4.02
136-8428	1200mm	£4.11
136-8429	1250mm	£4.29
136-8430	1270mm	£4.34
136-8431	1287mm	£4.38
136-8432	1320mm	£4.52
136-8435	1400mm	£4.80
136-8437	1420mm	£4.85
136-8438	1437mm	£4.89
136-8439	1470mm	£5.03
136-8440	1500mm	£5.12
136-8441	1520mm	£5.17
136-8444	1600mm	£5.45
136-8445	1650mm	£5.63
136-8446	1700mm	£5.82
136-8447	1800mm	£6.14
136-8449	1900mm	£6.51
136-8450	2000mm	£6.83
136-8452	2120mm	£7.25
136-8403	630mm	£2.17
136-8404	670mm	£2.31
136-8405	710mm	£2.45
136-8408	800mm	£2.72
136-8409	825mm	£2.82
136-8411	900mm	£3.09
136-8415	950mm	£3.23
136-8416	962mm	£3.28

V BELTS

- Special compounded stiff-yet-flex-crack resistant base
- High modulus low stretch (hmhs) polyester cords and length stabilisation process resulting in low stretch and maximum life
- Polychloroprene impregnated poly-cotton jacket
- Precision built belts requiring no matching or coding
- Anti-static, heat, oil and abrasion resistant
- Standards: API 1B, RMA IP 20, DIN 2215, ISO 4184 & BS3790

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471-988	Section B 889mm Inside Length	£3.80
471-657	Section B 1170mm Inside Length	£4.97
471-893	Section B 2280mm Inside Length	£9.67
471-954	Section Z 1010mm Inside Length	£3.31

SPC SECTION WEDGE BELTS

- Made from a heavy-duty wear resistant rubber
- Deeper profile for higher power
- Operating temperature range -40 °C to +70 °C
- Oil, heat and ozone resistant
- Top Width: 22mm
- Height: 18mm



471-922	Section A 630mm Inside Length	£2.07
471-887	Section A 660mm Inside Length	£2.15
472-058	Section A 686mm Inside Length	£2.27
471-562	Section A 710mm Inside Length	£2.11
471-566	Section A 730mm Inside Length	£2.25
472-042	Section A 813mm Inside Length	£2.42
472-032	Section A 838mm Inside Length	£2.49
472-109	Section A 864mm Inside Length	£2.56
472-098	Section A 889mm Inside Length	£2.65
472-020	Section A 914mm Inside Length	£2.69
472-010	Section A 940mm Inside Length	£2.79
472-014	Section A 965mm Inside Length	£2.12
471-770	Section A 990mm Inside Length	£2.96
471-691	Section A 1040mm Inside Length	£3.10
471-792	Section A 1060mm Inside Length	£3.19
471-796	Section A 1100mm Inside Length	£3.23
471-825	Section A 1160mm Inside Length	£3.46
471-821	Section A 1200mm Inside Length	£3.52
472-004	Section A 1220mm Inside Length	£3.66
472-092	Section A 1280mm Inside Length	£3.72
472-082	Section A 1270mm Inside Length	£3.80
472-086	Section A 1300mm Inside Length	£3.86
472-076	Section A 1320mm Inside Length	£3.89
471-742	Section A 1400mm Inside Length	£4.11
471-695	Section A 1420mm Inside Length	£4.20
471-859	Section A 1650mm Inside Length	£4.87
471-590	Section A 1820mm Inside Length	£5.43
471-613	Section A 1880mm Inside Length	£5.57
471-639	Section A 2240mm Inside Length	£6.64

136-8401 4000mm £44.86

STEEL SHAFT COLLAR

- Zinc plated for corrosion resistance
- Quick and easy installation
- Metric bore sizes



823-6932	Bore 4mm	£2.71
823-6935	Bore 5mm	£3.00
823-6939	Bore 6mm	£2.45
823-6948	Bore 7mm	£1.70
823-6941	Bore 8mm	£2.27
823-6945	Bore 9mm	£1.30
823-6954	Bore 10mm	£1.57
823-6957	Bore 12mm	£0.81
823-6951	Bore 14mm	£1.03
823-6960	Bore 15mm	£1.03
823-6963	Bore 16mm	£1.03
823-6967	Bore 18mm	£1.31
823-6976	Bore 20mm	£1.31
823-6979	Bore 22mm	£1.41
823-6973	Bore 24mm	£1.85
823-6982	Bore 25mm	£1.89
823-6985	Bore 28mm	£2.21
823-6989	Bore 30mm	£2.11
823-6998	Bore 32mm	£2.45
823-6991	Bore 35mm	£2.17
823-6995	Bore 40mm	£3.53

STAINLESS STEEL SHAFT COLLARS

- Stainless steel 304, supplied with stainless steel grub screw
- Quick and easy installation
- Metric bore sizes



122-3448	Bore 5mm	£2.08
122-3449	Bore 6mm	£2.13
122-3450	Bore 8mm	£2.41
122-3451	Bore 10mm	£3.20
122-3452	Bore 12mm	£2.68
122-3453	Bore 14mm	£3.05
122-3454	Bore 15mm	£3.10
122-3455	Bore 16mm	£3.23
122-3456	Bore 18mm	£3.35
122-3457	Bore 20mm	£4.33
122-3458	Bore 22mm	£4.53
122-3459	Bore 24mm	£5.03
122-3460	Bore 25mm	£6.65
122-3461	Bore 30mm	£7.61
122-3462	Bore 32mm	£7.95

BUSHES FOR DELRIN GEARS

- Plain bushes suitable for use with Delrin gears
- Manufactured from oil-less bearing material



521-7708	5mm OD x 3mm ID x 7mm L	£5.81
521-7742	6mm OD x 4mm ID x 12mm L	£6.37
521-7736	6mm OD x 4mm ID x 9mm L	£6.14
521-7758	8mm OD x 5mm ID x 12mm L	£6.57
521-7764	8mm OD x 5mm ID x 14mm L	£6.68

HRC COUPLING FLANGE TYPE F

- Taper bush fixing allows quick and easy assembly
- Simple alignment by straight edge
- Accommodates minor misalignment
- Standard nitrile rubber insert
- Temperature range -40°C to +100°C



TAPER BUSHES

- Taper Bushes permit easier and quicker fixing to drive shafts
- Compatible with taper bush pulleys and sprockets
- Incorporate unique 4 hole design to ensure correct fit



183-603	Shaft Dia. 20mm, OD 35mm	£4.15
183-732	Shaft Dia. 25mm, OD 35mm	£4.15
183-748	Shaft Dia. 14mm, OD 38mm	£4.72
183-760	Shaft Dia. 20mm, OD 38mm	£4.72
183-776	Shaft Dia. 24mm, OD 38mm	£4.72
182-997	Shaft Dia. 25mm, OD 38mm	£4.72
183-007	Shaft Dia. 28mm, OD 38mm	£4.72
182-931	Shaft Dia. 20mm, OD 42.5mm	£6.10
182-947	Shaft Dia. 24mm, OD 47.5mm	£6.10
184-678	Shaft Dia. 25mm, OD 47.5mm	£6.77
184-577	Shaft Dia. 30mm, OD 47.5mm	£6.10
184-583	Shaft Dia. 19mm, OD 57mm	£6.79
184-599	Shaft Dia. 20mm, OD 57mm	£6.79
184-195	Shaft Dia. 24mm, OD 57mm	£6.79
184-050	Shaft Dia. 25mm, OD 57mm	£6.79
184-202	Shaft Dia. 28mm, OD 57mm	£6.79
184-189	Shaft Dia. 30mm, OD 57mm	£6.79
184-218	Shaft Dia. 35mm, OD 57mm	£6.79
184-224	Shaft Dia. 38mm, OD 57mm	£6.79
184-612	Shaft Dia. 25mm, OD 70mm	£8.78
184-000	Shaft Dia. 28mm, OD 70mm	£8.78
183-401	Shaft Dia. 30mm, OD 70mm	£8.78

HRC COUPLING FLANGE TYPE H

- Semi elastic couplings for general purpose use
- Accommodates minor misalignment
- Standard nitrile rubber insert
- Temperature range -40°C to +100°C



184-779	110mm	£14.62
184-785	70mm	£8.17
184-684	130mm	£18.73

HRC COUPLING INSERT FLANGE TYPE H

- HRC semi elastic couplings for general purpose use
- Simple Alignment by Straight Edge
- Accommodates Minor Misalignment
- Standard Nitrile Rubber Insert
- Temperature Range -40°C to +100°C



183-805	110mm	£7.89
183-811	130mm	£9.71
183-782	70mm	£2.98
183-798	90mm	£4.74

NITRILE RUBBER METRIC O-RING

- The most widely used elastomer in the seal industry
- Excellent resistance to petroleum products and work well in either low or high temperatures
- Inside Diameter 4.1mm
- Outside Diameter 7.3mm
- Thickness 1.6mm
- Minimum Operating Temperature -30°C
- Maximum Operating Temperature +120°C



128-805 £2.92

O-RING GAUGE

- Used to determine the size of standard BS1806 or AS-568 O-rings
- Section size identified by using the slots at the top
- Gauge has metric and imperial scales



705-8961 £27.55

O-RING SPLICING KIT

- Splicing kit for fast, on the spot production of O-Rings
- Cord from 1.6 mm to 8.4 mm diameter

136-601 Nitrile £42.22
245-9612 Viton® £96.86**NITRILE RUBBER O-RING CORD**

- Replacement Nitrile® O-Ring cord for fast, on the spot production of O-Rings
- Nitrile is suitable for maximum continuous temperature of 120°C
- Use below -30°C requires special consideration
- Length 8.5m

**O-RING MATERIAL TESTER**

- Will indicate the material composition of 100, 200, 300 and 400 series O-rings of 60 to 80 durometer
- Already known to be either Viton®, Kalrez®, Nitrile or EPDM



705-8986 £145.42

850-697 Metric 8mm to 24mm nominal bore size £36.11
850-681 Imperial 1/8in BSP to 1in BSP nominal size £27.37**O-RING KIT**

- Robust box that contain an assortment of the most popular sizes
- Essential for emergency repairs or routine maintenance



159-1478	1.6mm Dia	£11.11	705-8958	Nitrile From 3mm ID, 2mm CS To 28mm ID, 3mm CS, 385 Pieces	£8.55
138-1599	1.78mm Dia	£8.58	756-034	Nitrile From 4.1mm ID, 7.3mm OD To 39.5mm ID, 45.5mm CS, 510 Pieces	£11.69
159-1490	3mm Dia	£14.92	756-028	Imperial nitrile From BS006 to BS221, 382 Pieces	£13.70
138-1602	3.5mm Dia	£12.07	756-040	Imperial Viton(TM) From BS006 to BS221, 382 Pieces	£68.00
138-1604	4.0mm Dia	£12.42	245-9628	Metric Viton(TM) From 4.1mm ID, 7.3mm OD To 39.5mm ID, 45.5mm CS, 510 Pieces	£84.39
138-1606	5mm Dia	£13.50			
138-1608	6mm Dia	£16.44			
138-1609	7mm Dia	£17.67			
138-1610	8mm Dia	£22.52			

O-RINGS & SEALS

NITRILE O-RING

- Continuous operating temperature -40°C to 110°C, short term to 135°C
- Resistant to mineral hydraulic oils and greases
- Tolerance BS4518
- Sold in a Bag of 50



689-574	BS006 1/8in ID	£2.30
689-596	BS008 3/16in ID	£2.30
689-681	BS114 5/8in ID	£3.57

NITRILE RUBBER METRIC O-RING

- Nitrile is highly resistant to abrasion and is an ideal choice in most industries
- Resistant to mineral hydraulic oils and greases
- Sold in a Bag of 50



128-912	14.6mm ID	£4.59
128-906	11.6mm ID	£3.54
128-827	8.1mm ID	£2.92
128-811	6.1mm ID	£2.92

VITON(TM) O-RING

- High temperature & oil resistance
- Excellent resistance to flame, weather, oxidation and ozone
- Sold in a bag of 50



128-984	2.9mm ID	£5.11
128-990	5/32in ID	£5.11
129-000	3/16in ID	£5.11
129-044	9.25mm ID	£5.69
129-050	9.19mm ID	£9.38
129-072	12.37mm ID	£10.30
129-123	18.66mm ID	£20.16
129-094	15.54mm ID	£11.07
129-117	18.72mm ID	£13.19

BONDED DOWTY SEALS

- Provide high and low pressure sealing
- Suitable for fluid systems where mineral based hydraulic fluids or mineral based engine lubricating oils are present



689-467	1/8in BSP	£8.52
689-473	1/4in BSP	£9.46
689-489	3/8in BSP	£10.06
689-495	1/2in BSP	£12.23

SILICONE O-RINGS

- Suitable for applications within the food processing industry
- Temperature range -60 to +200°C
- Sold in a Bag of 50



527-9891	18.66mm ID	£11.02
527-9762	4.47mm ID	£5.45

NITRILE SHAFT SEALS

- Ideal for excluding dirt, dust or water whilst retaining lubricant in rotary shaft equipment
- Replaceable without damage to the housing bore
- No need for circlips, sealants or retaining plates



DELRIN GEAR RACKS

- Flexible metric racks made from Delrin
- Can be mounted directly onto the application surface or by using the aluminium fixing rails
- 2m Long



521-7821	Module 0.8 Delrin, 3.8mm Face Width	£46.27
521-7837	Module 1.0 Delrin, 5mm Face Width	£57.99

GEAR RACKS

- Metric gear racks with a pressure angle of 20°
- Supplied in lengths of 300, 500 and 1000mm.
- Available in steel or nylon to a dimensional tolerance of ±0.25mm



521-7815	Module 1.0 Nylon, 500mm long, 10mm Face Width	£49.85
876-2406	Module 0.5 Steel, 300mm Long, 5mm Face Width	£20.22
876-2400	Module 0.8 Steel, 300mm Long, 6mm Face Width	£22.78
521-7770	Module 1.0 Steel, 500mm Long, 10mm Face Width	£26.18
876-2412	Module 1.0 Steel, 1m Long, 10mm Face Width	£34.47
876-2419	Module 1.0 Steel, 300mm Long, 6mm Face Width	£22.82
521-7786	Module 1.5 Steel, 500mm Long, 15mm Face Width	£40.36
876-2416	Module 1.5 Steel, 1m Long, 15mm Face Width	£51.98
521-7792	Module 2.0 Steel, 500mm Long, 20mm Face Width	£41.37
876-2425	Module 2.0 Steel, 1mm Long, 20mm Face Width	£62.67
521-7809	Module 1.0 S/Steel, 500mm long, 10mm Face Width	£92.18

STEEL MITRE GEAR

- A range of steel mitre gears providing a 1:1 gear ratio
- Made from S45C induction hardened steel with a chemi-black finish
- Tensile strength (min) 569 N/mm²
- 45° pitch angle, 48° face angle



521-5881	2.0 module, 16 teeth, 8mm Bore	£14.82
521-5897	2.0 module, 20 teeth, 12mm Bore	£19.01
521-5904	2.0 module, 25 teeth, 12mm Bore	£25.50
521-5932	2.5 module, 16 teeth, 12mm Bore	£20.26
521-5960	2.5 module, 30 teeth, 16mm Bore	£44.78

STEEL BEVEL GEARS

- Made from S45C induction hardened steel with a chemi-black finish
- Tensile strength (min) 569 N/mm²
- 45° Pitch, 20° pressure angle

**DELRIN MITRE GEARS**

- Injection moulded acetal co-polymer
- Pitch angle 45°, pressure angle 49° 48'
- Tensile strength 94N/mm²



521-6036	0.5 module, 20 teeth, 3mm Bore	£2.40
521-6042	0.8 module, 20 teeth, 5mm Bore	£2.29
521-6058	1.0 module, 20 teeth, 6mm Bore	£3.80
521-6064	1.5 module, 20 teeth, 8mm Bore	£5.70

DELRIN SPUR GEARS

- 20° Pressure angle
- Tensile strength 94N/mm²
- Injection moulded acetal copolymer
- Hardness (Rockwell R) 110-120



521-7168	0.5 module, 56 teeth, 6mm bore, 28mm Pitch Dia	£2.16
521-7225	0.5 module, 80 teeth, 6mm bore, 40mm Pitch Dia	£3.86
521-7310	0.8 module, 30 teeth, 6mm bore, 24mm Pitch Dia	£2.73
521-7449	0.8 module, 72 teeth, 6mm bore, 57.6mm Pitch Dia	£5.07
521-7455	0.8 module, 80 teeth, 6mm bore, 64mm Pitch Dia	£5.37
521-7506	1.0 module, 20 teeth, 5mm bore, 20mm Pitch Dia	£3.39
521-7512	1.0 module, 24 teeth, 5mm bore, 24mm Pitch Dia	£3.94
521-7540	1.0 module, 30 teeth, 6mm bore, 30mm Pitch Dia	£4.61
521-7584	1.0 module, 40 teeth, 8mm bore, 40mm Pitch Dia	£5.92
521-7613	1.0 module, 48 teeth, 8mm bore, 48mm Pitch Dia	£6.96
521-7629	1.0 module, 50 teeth, 8mm bore, 50mm Pitch Dia	£7.17
521-7641	1.0 module, 60 teeth, 6mm bore, 60mm Pitch Dia	£8.72
521-7691	1.0 module, 80 teeth, 8mm bore, 80mm Pitch Dia	£10.91
521-6193	1.0 module, 12 teeth, 6mm bore, 12mm Pitch Dia	£5.21

STEEL SPUR GEARS

- High quality steel spur gears
- Ideally used for speed reduction or to increase torque multiplication, resolution and accuracy in positioning systems
- DIN standard - DIN 867, DIN 3962, DIN 3963
- Grade/quality 9 or equivalent



878-7828	0.5 module 15 teeth narrow face	£13.50
878-7821	0.5 module 20 teeth narrow face	£14.38
878-7847	0.5 module 60 teeth narrow face	£23.85
878-7897	1.0 module 10 teeth narrow face	£8.49
878-7900	1.0 module 15 teeth narrow face	£8.94
878-7916	1.0 module 30 teeth narrow face	£10.30
878-7929	1.0 module 40 teeth narrow face	£12.20
878-7926	1.0 module 60 teeth narrow face	£15.00
521-6216	1.0 module 15 teeth	£6.15
521-6238	1.0 module 18 teeth	£6.96
521-6244	1.0 module 20 teeth	£7.98
521-6266	1.0 module 24 teeth	£9.04
521-6294	1.0 module 28 teeth	£11.68
521-6301	1.0 module 30 teeth	£13.12
521-6323	1.0 module 36 teeth	£15.00
521-6339	1.0 module 40 teeth	£15.64
521-6351	1.0 module 50 teeth	£23.86
521-6373	1.0 module 60 teeth	£33.22
521-6389	1.0 module 80 teeth	£55.31
521-6452	1.5 module 24 teeth	£12.05
521-6468	1.5 module 30 teeth	£16.20
521-6496	1.5 module 40 teeth	£20.83
521-6519	1.5 module 50 teeth	£27.94
521-6525	1.5 module 60 teeth	£41.38
521-6531	1.5 module 80 teeth	£73.20
521-6547	2.0 module 12 teeth	£6.41
521-6597	2.0 module 20 teeth	£12.37
521-6604	2.0 module 24 teeth	£13.36
521-6610	2.0 module 30 teeth	£16.50
521-6626	2.0 module 32 teeth	£19.83
521-6632	2.0 module 36 teeth	£25.67
521-6654	2.0 module 40 teeth	£27.24
521-6676	2.0 module 50 teeth	£39.86
521-6682	2.0 module 60 teeth	£56.82

STAINLESS STEEL SPUR GEARS

- Made from SUS303 (JIS 4051) stainless steel
- Tensile strength 510N/mm²
- Pressure angle 20°
- 1.0 module
- Face width 10mm



521-6711	15 teeth	£16.65
521-6783	50 teeth	£28.42
521-6806	100 teeth	£74.68
521-8543	120 teeth	£89.19

BRONZE FLANGED NUT

- For use with single start, trapezoidal lead screws
- Manufactured from bronze with good wear resistance
- Ideal for continuous movement applications



WORM AND PINION GEARS

- Designed to produce large speed reduction ratios, especially in low loading applications.
- Available in modules 0.8 and 1.0 - both the pinion gear and worm module number must match to ensure correct assembly.
- Worms manufactured from steel, pinion gears from phosphor bronze each sold separately



521-8559	Gear 0.8 module 1 start	£9.50
521-6812	Gear 0.8 module 2 start	£9.77
521-6890	Gear 1.0 module 1 start	£9.50
521-6907	Gear 1.0 module 2 start	£9.77
521-6834	Pinion 0.8 module 20 teeth 1 start	£12.47
521-6828	Pinion 0.8 module 20 teeth 2 start	£12.47
521-6856	Pinion 0.8 module 30 teeth 1 start	£16.96
521-6840	Pinion 0.8 module 30 teeth 2 start	£16.96
521-6878	Pinion 0.8 module 40 teeth 1 start	£23.08
521-6884	Pinion 0.8 module 50 teeth 1 start	£31.22
521-6935	Pinion 1.0 module 20 teeth 1 start	£13.21
521-6913	Pinion 1.0 module 20 teeth 2 start	£13.21
521-6957	Pinion 1.0 module 30 teeth 1 start	£19.76
521-6941	Pinion 1.0 module 30 teeth 2 start	£19.76
521-6963	Pinion 1.0 module 40 teeth 1 start	£27.91
521-6979	Pinion 1.0 module 50 teeth 1 start	£38.22

LEAD SCREW - STEEL

- Trapezoidal, rolled thread lead screws are suitable for applications with high loads or requiring high accuracy
- Rolled steel (C45) construction
- Lead angle of less than 5° makes them self locking and reduces the torque required
- 0.1mm per 300mm lead accuracy
- 0.5mm per 300mm straightness
- Right hand thread
- 1m length



862-5272	10x2 thread	£7.35
862-5281	12x3 thread	£10.77
862-5288	16x4 thread	£17.47
862-5290	20x4 thread	£26.70
862-5294	22x5 thread	£31.25
862-5304	24x5 thread	£35.71

T2.5 ALUMINIUM TIMING BELT PULLEYS

- Suitable for use with all polyurethane 6mm width timing belts
- Except for 48 and 60 tooth, all pulleys have flanges and all have standard pilot bores
- 2.5mm pitch
- Available in 6 and 16mm hub diameters



286-4503	12 teeth 6mm belt	£7.39
286-4519	15 teeth 6mm belt	£7.39
286-4525	18 teeth 6mm belt	£6.15
286-4547	20 teeth 6mm belt	£6.43
286-4553	24 teeth 6mm belt	£6.72
286-4575	25 teeth 6mm belt	£6.72
286-4581	30 teeth 6mm belt	£6.78
286-4597	36 teeth 6mm belt	£8.17
286-4604	40 teeth 6mm belt	£8.48
744-508	16 teeth 16mm belt	£7.39
744-520	28 teeth 16mm belt	£6.81
744-536	32 teeth 16mm belt	£7.04
744-542	48 teeth 16mm belt	£6.72
744-558	60 teeth 16mm belt	£7.07

T5 ALUMINIUM TIMING BELT PULLEYS

- Suitable for use with all polyurethane 10 or 16mm width timing belts
- Except for 48 and 60 tooth, all pulleys have flanges and all have standard pilot bores.
- 5mm pitch



744-946	10 teeth 10mm belt	£5.65
744-952	12 teeth 10mm belt	£6.40
744-968	14 teeth 10mm belt	£6.67
744-974	15 teeth 10mm belt	£6.96
286-5641	16 teeth 10mm belt	£7.14
744-980	18 teeth 10mm belt	£9.29
286-5663	20 teeth 10mm belt	£9.29
286-5679	24 teeth 10mm belt	£9.35
286-5685	25 teeth 10mm belt	£9.65
744-996	27 teeth 10mm belt	£9.88
286-5691	30 teeth 10mm belt	£11.31
745-652	32 teeth 10mm belt	£11.14
286-5708	36 teeth 10mm belt	£10.98
745-668	40 teeth 10mm belt	£15.31
286-5714	48 teeth 10mm belt	£13.10
286-5720	60 teeth 10mm belt	£16.59
745-674	15 teeth 16mm belt	£7.04
745-680	18 teeth 16mm belt	£9.48
745-696	20 teeth 16mm belt	£9.35
286-5786	24 teeth 16mm belt	£9.45
286-5809	27 teeth 16mm belt	£9.29
745-719	30 teeth 16mm belt	£11.31
286-5821	36 teeth 16mm belt	£15.63
745-725	40 teeth 16mm belt	£15.31
745-731	48 teeth 16mm belt	£14.03
745-747	60 teeth 16mm belt	£17.82

TIMING BELT PULLEYS

- Manufactured from high strength material
- Designed to be used with synchronous HTD belts
- Easily re-bored to required shaft size
- Pulley width 14.5mm
- 5mm pitch



SPA/A VEE PULEYS

- Taper bore cast iron and steel pulleys
- Conform to ISO 4183
- Suitable for use on drives for belt speeds of up to 40 metres per second



184-268	80mm 1 groove	£9.00
184-555	90mm 1 groove	£10.89
184-561	95mm 1 groove	£11.89
184-511	100mm 1 groove	£12.09
184-460	106mm 1 groove	£12.68
184-426	112mm 1 groove	£15.32
184-274	118mm 1 groove	£16.56
184-404	125mm 1 groove	£18.00
184-410	140mm 1 groove	£21.60
184-432	150mm 1 groove	£24.50
184-448	160mm 1 groove	£27.64
183-372	180mm 1 groove	£30.61

SPA/A VEE PULEYS

- Taper bore cast iron and steel pulleys
- Conform to ISO 4183
- Suitable for use on drives for belt speeds of up to 40 metres per second



183-502	80mm 2 groove	£11.85
183-518	90mm 2 groove	£13.10
183-079	92mm 2 groove	£13.90
183-524	100mm 2 groove	£15.12
183-085	106mm 2 groove	£16.71
183-091	112mm 2 groove	£19.72
184-117	118mm 2 groove	£21.60
184-066	125mm 2 groove	£23.66
184-640	140mm 2 groove	£30.01
184-038	150mm 2 groove	£34.75
184-016	160mm 2 groove	£37.86
184-022	180mm 2 groove	£43.59

DOUBLE UNIVERSAL JOINT WITH NEEDLE BEARING

- Carbon steel universal joints
- Connecting equipment where there is a misalignment greater than 5 degrees up to an angle of 90 degrees
- Fitted with needle bearings lubricated for a lifetime
- Suitable for applications with speeds of up to 4000 rpm



790-6813	16mm ID, 104mm length	£90.64
790-6817	18mm ID, 114mm length	£95.94
790-6823	25mm ID, 163mm length	£131.94

SINGLE UNIVERSAL JOINT WITH NEEDLE ROLLER BEARING

- Carbon steel universal joints
- Connecting equipment where there is a misalignment greater than 5 degrees up to an angle of 45 degrees
- Fitted with needle bearings lubricated for a lifetime
- Suitable for applications with speeds of up to 4000 rpm



790-6781	12mm ID, 56mm Length	£38.35
790-6784	14mm ID, 60mm Length	£38.37
790-6788	16mm ID, 68mm Length	£42.42
790-6790	20mm ID, 82mm Length	£50.95
790-6804	25mm ID, 108mm Length	£61.75

DOUBLE UNIVERSAL JOINT WITH PLAIN BEARING

- Carbon steel universal joints
- Connecting equipment where there is a misalignment greater than 5 degrees up to an angle of 90 degrees
- Suitable for applications with speeds of up to 1000 rpm



790-6744	8mm ID, 62mm length	£34.23
790-6753	10mm ID, 74mm length	£34.25
790-6766	20mm ID, 128mm length	£58.04
790-6778	25mm ID, 163mm length	£95.44

SINGLE UNIVERSAL JOINT WITH PLAIN BEARING

- Carbon steel universal joints
- Connecting equipment where there is a misalignment greater than 3 degrees up to an angle of 45 degrees
- Suitable for applications with speeds of up to 1000 rpm



790-6699	6mm ID, 34mm Length	£17.92
790-6693	8mm ID, 40mm Length	£17.96
790-6703	10mm ID, 48mm Length	£18.01
790-6706	12mm ID, 56mm Length	£20.01
790-6700	14mm ID, 60mm Length	£20.60
790-6719	16mm ID, 68mm Length	£21.79
790-6716	20mm ID, 82mm Length	£28.21
790-6728	25mm ID, 108mm Length	£41.98
790-6731	12mm ID, 76mm Length	£20.01
790-6734	16mm ID, 86mm Length	£20.60

ROD END BEARINGS

- Suitable for pneumatic cylinders and coupler mechanisms in the fields of printing and packing machines, filling plants, labelling machines and mechanical controls.
- Maintenance free - do not require lubrication



198-8945	Female 5mm ID	£12.34
198-8951	Female 6mm ID	£11.14
198-8967	Female 8mm ID	£13.91
198-8973	Female 10mm ID	£13.08
198-8995	Female 12mm ID	£15.74
198-9005	Female 14mm ID	£18.94
198-9011	Female 16mm ID	£25.62
198-9033	Female 20mm ID	£37.15
198-9049	Female 22mm ID	£43.19
198-9061	Male 5mm ID	£10.89
198-9077	Male 6mm ID	£11.55
198-9083	Male 8mm ID	£12.22
198-9099	Male 10mm ID	£13.00
198-9106	Male 12mm ID	£16.33
198-9128	Male 14mm ID	£21.41
198-9134	Male 16mm ID	£24.80
198-9156	Male 20mm ID	£32.34
198-9162	Male 22mm ID	£31.38

SELF LUBRICATING SPHERICAL BEARINGS

- Fitted with a liner between the ball and race
- Suitable for higher operational speeds
- Minimal maintenance required
- Static Axial Load Rating 2500N
- Static Radial Load Rating 10300N



382-380	300 ID	£27.68
382-419	6mm ID	£22.67

CHAIN RIVET EXTRACTORS

- High quality screw-operated chain rivet extractors for various sizes of chain pitch
- Available in small (10-16mm) or large (19-32mm) sizes



612-5199 Small
612-5206 Large

£45.70
£78.63

CHAIN TENSIONERS

- Mechanical devices used to maintain the correct tension in a chain drive which increases its life
- Automatically compensates for chain stretch
- Reduces drive vibration and noise



901-0043	06B-1	£41.95
901-0047	06B-1	£41.52
901-0056	10B-1	£42.80
901-0059	10B-1	£57.14

CHAIN GUIDES

- Approved to BS EN ISO 9001
- Available in 2m lengths as standard
- Custom lengths available



146-5473		£61.52
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SEALED SINGLE ROW BALL BEARINGS

- Fitted with two synthetic rubber seals to prevent ingress of dirt and foreign matter
- Primarily intended for use where the inner ring rotates



618-9856	3mm ID 10mm OD	£1.75
618-9878	5mm ID 16mm OD	£1.25
618-9913	5mm ID 19mm OD	£1.79
618-9929	7mm ID 19mm OD	£1.76
618-9935	7mm ID 22mm OD	£1.76
618-9957	8mm ID 22mm OD	£1.60
618-9941	9mm ID 24mm OD	£1.82
618-9963	9mm ID 26mm OD	£1.88
618-9979	10mm ID 19mm OD	£2.00
618-9991	10mm ID 26mm OD	£2.00
618-9985	10mm ID 30mm OD	£2.00
619-0008	10mm ID 35mm OD	£2.38
619-0109	12mm ID 21mm OD	£2.10
619-0121	12mm ID 28mm OD	£2.14
619-0143	12mm ID 32mm OD	£2.11
619-0165	12mm ID 37mm OD	£2.57
619-0159	15mm ID 24mm OD	£2.45
619-0171	15mm ID 32mm OD	£2.12
619-0187	15mm ID 35mm OD	£2.07
619-0200	15mm ID 42mm OD	£3.05
619-0288	17mm ID 26mm OD	£2.99
619-0301	17mm ID 35mm OD	£2.22
619-0317	17mm ID 40mm OD	£2.48
619-0294	17mm ID 47mm OD	£3.23
619-0323	20mm ID 32mm OD	£3.40
619-0345	20mm ID 42mm OD	£2.48
619-0339	20mm ID 47mm OD	£3.07
619-0351	20mm ID 52mm OD	£3.86
619-0452	25mm ID 37mm OD	£3.86
619-0446	25mm ID 47mm OD	£3.12
619-0468	25mm ID 52mm OD	£3.43
619-0474	25mm ID 62mm OD	£5.56
619-0480	30mm ID 55mm OD	£3.86
619-0496	30mm ID 62mm OD	£4.99
619-0503	30mm ID 72mm OD	£7.33
619-0519	35mm ID 62mm OD	£4.93
619-0525	35mm ID 72mm OD	£6.45
619-0547	35mm ID 80mm OD	£8.70
619-0531	40mm ID 68mm OD	£6.50
619-0553	40mm ID 80mm OD	£7.62
619-0569	40mm ID 90mm OD	£11.52
619-0581	45mm ID 75mm OD	£8.20
619-0575	45mm ID 85mm OD	£9.32
619-0597	45mm ID 100mm OD	£14.06
619-0604	50mm ID 80mm OD	£10.09
619-0610	50mm ID 90mm OD	£11.44
619-0626	50mm ID 110mm OD	£19.50

MINIATURE SHIELDED SINGLE ROW BALL BEARINGS

- Fitted with two metal shields to prevent ingress of dirt and foreign matter
- Primarily intended for use where the inner ring rotates



618-9884	3mm ID 10mm OD	£1.34
618-9890	4mm ID 13mm OD	£1.25
618-9907	5mm ID 16mm OD	£1.09
619-0014	6mm ID 19mm OD	£1.60
619-0020	7mm ID 19mm OD	£1.62
619-0042	7mm ID 22mm OD	£1.57
619-0036	8mm ID 22mm OD	£1.62
619-0058	9mm ID 24mm OD	£1.57
619-0070	9mm ID 26mm OD	£1.75
619-0064	10mm ID 19mm OD	£2.10
619-0086	10mm ID 26mm OD	£1.76
619-0092	10mm ID 30mm OD	£1.84
619-0115	10mm ID 35mm OD	£2.15

SHIELDED SINGLE ROW BALL BEARINGS

- Fitted with two metal shields to prevent ingress of dirt and foreign matter
- Primarily intended for use where the inner ring rotates



619-0137	12mm ID 21mm OD	£2.45
619-0193	12mm ID 28mm OD	£1.88
619-0216	12mm ID 32mm OD	£2.00
619-0806	12mm ID 37mm OD	£19.29
619-0799	15mm ID 24mm OD	£11.22
619-0777	15mm ID 32mm OD	£10.01
619-0783	15mm ID 35mm OD	£13.90
619-0761	15mm ID 42mm OD	£9.20
619-0755	17mm ID 26mm OD	£8.26
619-0749	17mm ID 35mm OD	£11.44
619-0727	17mm ID 40mm OD	£13.90
619-0682	20mm ID 47mm OD	£5.61
619-0733	10mm ID 30mm OD	£4.63
619-7348	12mm ID 32mm OD	£4.63
619-7345	15mm ID 36mm OD	£4.95
619-7357	17mm ID 40mm OD	£7.42
619-7360	20mm ID 42mm OD	£8.65
619-7367	25mm ID 52mm OD	£11.31
619-7379	30mm ID 62mm OD	£16.26
619-7382	35mm ID 72mm OD	£24.42
619-7389	40mm ID 80mm OD	£35.98
619-7391	10mm ID 35mm OD	£5.56
619-7405	12mm ID 37mm OD	£6.24
619-7402	16mm ID 42mm OD	£8.04
619-7411	17mm ID 47mm OD	£9.52
619-7414	20mm ID 52mm OD	£12.79
619-7418	25mm ID 62mm OD	£19.17
619-7427	30mm ID 72mm OD	£27.88
619-7420	3mm ID 10mm OD	£2.16
619-7424	4mm ID 13mm OD	£2.16
619-7433	5mm ID 16mm OD	£2.18
619-7436	6mm ID 19mm OD	£2.41
619-7430	7mm ID 22mm OD	£3.03
619-7449	10mm ID 19mm OD	£3.21
619-7442	12mm ID 21mm OD	£3.58
619-7446	15mm ID 25mm OD	£4.39
619-7455	17mm ID 26mm OD	£5.31
619-7458	20mm ID 32mm OD	£7.05
619-7452	25mm ID 37mm OD	£9.33
619-7461	10mm ID 22mm OD	£3.21
619-7464	12mm ID 24mm OD	£3.46
619-7468	15mm ID 28mm OD	£4.32
619-7477	17mm ID 30mm OD	£6.00
619-7470	20mm ID 37mm OD	£6.55
619-7474	25mm ID 42mm OD	£8.90

STAINLESS STEEL DEEP GROOVE BALL BEARINGS

- Deep groove, sealed, single row bearings that have been manufactured to withstand tough applications, moisture, corrosion and abrasion
- Ideal choice for the food and beverage industry due to the fact they are hygienic and have a high resilience to water



TWO-BOLT FLANGE BEARINGS

- Available with metric or imperial insert options
- Accommodates moderate mis-alignment



750-8851	12mm	£9.71
750-8860	15mm	£9.71
750-8863	17mm	£9.71
750-8867	20mm	£8.96
750-8879	25mm	£9.57
750-8873	30mm	£11.75
750-8885	35mm	£15.41
750-8898	40mm	£17.88
750-8891	45mm	£21.80
750-8895	50mm	£26.21

STAINLESS STEEL SPHERICAL BEARING INSERTS

- Stainless steel bearing inserts complete with setscrews
- Can be installed within a bearing housing, or installed in-situ
- Used in applications where contamination control is important

**FOUR-BOLT FLANGE BEARINGS**

- Designed to accommodate moderate mis-alignment
- Available in a wide variety of styles to suit various applications



750-8762	12mm	£9.71
750-8766	15mm	£9.71
750-8775	17mm	£9.71
750-8778	20mm	£8.96
750-8781	25mm	£9.57
750-8784	30mm	£11.75
750-8788	35mm	£15.41
750-8790	40mm	£17.88
750-8794	45mm	£21.80
750-8804	50mm	£26.21
750-8801	55mm	£31.80
750-8810	60mm	£41.14

TWO-BOLT BEARING PILLOW BLOCK

- Cost effective bearing solution where ease of maintenance is important
- Available in a number of sizes to suit a variety of applications

**STEEL SPHERICAL BEARING INSERTS**

- Steel bearing inserts complete with setscrews
- Can be installed within a bearing housing, or installed in-situ



750-8703	20mm	£5.95
750-8712	25mm	£6.30
750-8725	30mm	£7.71
750-8731	35mm	£9.94
750-8747	40mm	£11.55
750-8744	45mm	£15.03
750-8753	50mm	£17.00
750-8756	55mm	£17.18
750-8769	60mm	£22.06

750-8933	12mm	£9.71
750-8936	15mm	£9.71
750-8949	17mm	£9.71
750-8946	20mm	£8.96
750-8952	25mm	£9.57
750-8964	30mm	£11.75
750-8977	35mm	£15.41
750-8974	40mm	£17.88
750-8986	50mm	£26.21
750-8999	55mm	£31.80
750-8992	60mm	£41.14
750-9006	75mm	£71.89

ROLLERS & SPROCKETS

STUD TYPE TRACK ROLLERS

- Suitable for use as eccentric rollers, guide rollers, rocker valve rollers, cam rollers in slideways or pressure rollers
- Operating temperature: -30°C to +100°C



471-304	28mm L x 16mm OD	£15.85
471-314	32mm L x 19mm OD	£15.90
471-320	36 mm L x 22mm OD	£15.50
471-310	36mm L x 26mm OD	£17.10
471-348	40mm L x 30mm OD	£22.80
471-358	40mm L x 32mm OD	£24.29
471-354	52mm L x 35mm OD	£25.82

YODE TYPE TRACK ROLLERS

- Suitable for use as eccentric rollers, guide rollers, rocker valve rollers, cam rollers in slideways or pressure rollers
- Will also fit user's stud variations
- Operating temperature -30°C to +100°C



471-364	5mm ID 16mm OD	£10.25
471-281	6mm ID 19mm OD	£13.57
471-297	8mm ID 24mm OD	£14.04
471-291	10mm ID 30mm OD	£17.67
471-308	12mm ID 32mm OD	£18.34
471-326	15mm ID 35mm OD	£20.93
471-336	17mm ID 40mm OD	£19.10
471-332	20mm ID 47mm OD	£20.45
471-342	25mm ID 52mm OD	£23.25

05B PILOT BORED SPROCKETS

- Manufactured to BS228/13 from steel with black passivated finish
- Easily re-bored as required



182-880	13 teeth	£2.07
183-136	14 teeth	£2.08
183-142	15 teeth	£2.26
182-896	16 teeth	£2.60
184-713	17 teeth	£2.60
184-729	25 teeth	£4.30
184-858	28 teeth	£4.92
184-864	38 teeth	£7.64

06B PILOT BORED SPROCKETS

- Manufactured to BS228/13 from steel with black passivated finish
- Easily re-bored as required



184-870	13 teeth	£2.08
184-886	15 teeth	£2.39
183-726	17 teeth	£3.23
183-704	18 teeth	£3.65
183-675	19 teeth	£3.71
183-681	21 teeth	£4.30
183-697	23 teeth	£5.10
184-375	24 teeth	£5.29
184-072	25 teeth	£5.45
183-710	27 teeth	£6.19
184-381	28 teeth	£5.29
184-088	30 teeth	£7.04
184-094	38 teeth	£10.04

08B PILOT BORED SPROCKETS

- Manufactured to BS228/13 from steel with black passivated finish
- Easily re-bored as required



184-101	13 teeth	£3.65
184-044	14 teeth	£3.94
183-423	15 teeth	£3.57
183-439	16 teeth	£4.58
183-451	17 teeth	£5.29
183-467	18 teeth	£5.67
184-741	19 teeth	£6.94
184-757	20 teeth	£7.64
183-855	21 teeth	£8.14
183-861	24 teeth	£8.88
183-877	25 teeth	£9.38
183-883	26 teeth	£9.97
183-833	27 teeth	£10.08
183-473	28 teeth	£10.37
183-489	30 teeth	£12.98
183-170	38 teeth	£18.74

06B TAPER BUSH SPROCKETS

- Steel taper bush sprockets for BS standard roller chain
- For use with taper bushes



183-322	17 teeth	£7.17
184-123	19 teeth	£8.51
183-271	20 teeth	£8.32
183-221	21 teeth	£9.87
183-237	23 teeth	£11.46
183-243	25 teeth	£12.53
183-259	30 teeth	£9.70
184-151	38 teeth	£22.51

08B TAPER BUSH SPROCKETS

- Steel taper bush sprockets for BS standard roller chain
- For use with taper bushes



183-265	17 teeth	£11.87
184-145	19 teeth	£15.56
184-167	20 teeth	£17.30
184-454	21 teeth	£18.49
183-827	23 teeth	£19.34
183-956	25 teeth	£21.44
183-962	30 teeth	£29.22
183-978	38 teeth	£42.29

12B TAPER BUSH SPROCKETS

- Steel taper bush sprockets for BS standard roller chain
- For use with taper bushes



183-984	15 teeth	£22.51
183-990	17 teeth	£28.28
183-495	19 teeth	£32.11
183-445	21 teeth	£41.02
183-120	25 teeth	£48.53
183-158	30 teeth	£62.20
182-874	38 teeth	£89.86

PLUMBING & PIPELINE



130 HOSES

135 COMPRESSION FITTINGS

140 VALVES & FITTINGS

143 PUMPS & ACTUATORS

RS PRO is the only global brand that gives you every part you need across five industry categories at the quality and price you expect.

rspro.com



AIR-CORD ULTRA FLEXIBLE PVC AIR HOSE

- Exceptional flexibility and memory for maximum airflow
- Ultra lightweight for ease of use
- Effective oil resistance
- Superior kink-resistance
- Cadmium & Silicone-free
- RoHS compliant



339-6039 £32.75

MULTI-PURPOSE REINFORCED PVC HOSE BLUE

- Extremely flexible, lightweight and user-friendly
- Excellent kink-resistance
- RoHS compliant
- High resistance to acids and alkalis
- Conforms to ISO 5774



LINED MULTI-PURPOSE HOSE - GREEN

- Smooth line surface
- WRAS approved lining
- Excellent flexibility
- Max working pressure 20 bar
- Burst pressure 60 bar



917-5068 Green 50m L, 10mm ID £117.06
917-5059 Green 30m L, 13mm ID £95.04
917-5055 Green 100m L, 8mm ID £130.86
917-5061 Green 60m L, 8mm ID £109.50

CLEAR NON-REINFORCED PVC HOSE

- Transparency for easy visibility
- Excellent abrasion and corrosion properties for increased durability
- Good flexibility for ease of use
- RoHS compliant
- Suitable for use with alcohol, petrol, oils, greases and solvents
- Highly resistant to a wide range of acids and alkalis



797-366	25m L, ID 10mm x OD 16mm	£38.55
797-372	25m L, ID 12mm x OD 18mm	£41.63
797-388	25m L, ID 19mm x OD 25mm	£62.31
797-344	25m L, ID 6mm x OD 12mm	£20.68

EXTRAFLEX REINFORCED PVC WATER HOSE

- Exceeds requirements of BS 3746:1990
- Good abrasion resistance
- 3:1 safety factor



197-8279	25m L, 12.5mm ID	£28.24
197-8285	25m L ¾in ID	£48.85
197-8291	25m L 1in ID	£62.91

MULTI-PURPOSE REINFORCED PVC TUBING

- Good flexibility for ease of use
- Resistant to a wide range of chemicals including many acids / alkalis
- Thicker wall gives medium to heavy-duty durability for improved resistance to abrasion



339-6275	Black 25m L, 10mm ID	£39.18
339-6102	Blue 25m L, 12.5mm ID	£45.46
368-0205	Clear, 25m L 10mm ID	£21.69
368-0211	Clear, 25m L 12mm ID	£29.01
368-0227	Clear, 25m L 16mm ID	£43.83
368-0233	Clear, 25m L 19mm ID	£46.81
368-0249	Clear, 25m L 25mm ID	£57.73
368-0176	Clear, 25m L 6mm ID	£16.01
368-0182	Clear, 25m L 8mm ID	£21.16

YELLOW PVC WATER HOSE

- UV resistant
- DEHP and Phthalate Free
- Highly flexible



917-5119	25m L, 13mm ID	£27.83
917-5125	50m L, 13mm ID	£55.70
917-5112	25m L, 19mm ID	£48.02
917-5128	50m L, 19mm ID	£96.00
917-5116	25m L, 25mm ID	£55.42
917-5122	50m L, 25mm ID	£110.89

CLEAR PVC HOSE

- Transparent for excellent visibility
- Good flexibility
- RoHS compliant
- Suitable for use with alcohol, petrol, oils, greases and solvents
- 25m length



914-5506	ID 10mm x OD 13mm	£12.68
914-5509	ID 12mm x OD 15mm	£14.72
914-5503	ID 25mm x OD 31mm	£47.60
914-5512	ID 32mm x OD 42mm	£101.95
914-5515	ID 3mm x OD 6mm	£5.51
914-5519	ID 5mm x OD 8mm	£7.55
914-5528	ID 6mm x OD 9mm	£11.03
914-5521	ID 8mm x OD 11mm	£10.67

HOT WATER CLEANING HOSE 8033

- Durable hot water hose for cleaning
- Polyester reinforced
- Exceptionally hard wearing weather resistant outer coating
- Blue outside and white inside
- Not antistatic



486-596	20m L, 1/2" ID	£108.30
486-665	20m L, 1" ID	£196.59
486-625	20m L, 3/4" ID	£142.43

AIR AND WATER HOSE 3304

- Air and water hose
- Ester reinforced
- Excellent ozone resistance
- Grey outer, black inner
- Anti-static



486-643	25m x 13mm ID	£96.54
486-508	25m x 25mm ID	£227.19

STEAM HOSE

- Steam Hose (7 bar)
- Polyester reinforced
- Black/white line outside and Black inside
- Not antistatic



486-631	20m L, 13mm ID	£158.95
486-558	25m L 16mm ID	£42.67

WATER HOSE

- 10 bar working pressure
- 30 bar burst pressure
- EPDM Rubber
- Black



914-5547	20m, 10mm ID	£29.38
914-5556	20m, 13mm ID	£37.69
914-5559	20m, 20mm ID	£60.09
914-5553	20m, 25mm ID	£77.52

FIRST AID FIRE REEL HOSE

- Rubber & PVC Alloy (T.P.E.), black inner
- Fire Red outer
- Excellent abrasion resistance and good flexibility
- Meets all requirements of EN 694
- Balanced and lighter in weight for easier handling



293-2139	30m L, 19mm ID	£64.15
293-2145	30m L 25mm ID	£87.39

SUPER ELASTIC DELIVERY HOSE

- Minimum frictional loss is achieved by the smooth bore
- Tough, flexible and durable even under cold working conditions
- Outstanding resistance to the effects of weather
- Smooth outer for ease of cleaning down
- Standard colour: transparent green, white helix



917-4936	10m L, 19mm ID	£31.07
917-4949	30m L, 19mm ID	£97.88
917-4964	5m L, 19mm ID	£16.31
917-4939	10m L, 25mm ID	£33.06
917-4958	30m L, 25mm ID	£104.15
917-4967	5m L, 25mm ID	£17.38
917-4933	10m L, 32mm ID	£44.49
917-4961	5m L, 32mm ID	£22.24
917-4942	10m L, 38mm ID	£54.18
917-4955	30m L 38mm ID	£162.55
917-4970	5m L 38mm ID	£27.10
917-4945	10m L, 51mm ID	£73.75
917-4973	5m L, 51mm ID	£36.88

DELIVERY HOSE

- Light weight hose
- Reinforced with grid internal crush and kink resistant white PVC helix
- Transparent green, white helix
- Bend radius 171mm



917-4977	Green, 19mm ID, 10m	£21.26
917-5011	Green, 19mm ID, 5m	£13.18
917-5018	Green, 19mm ID, 5m	£10.98
917-4986	Green, 25mm ID, 10m	£26.37
917-4999	Green, 25mm ID, 30m	£64.20
917-4989	Green, 32mm ID, 10m	£34.54
917-5002	Green, 32mm ID, 30m	£69.24
917-5015	Green, 32mm ID, 5m	£17.49
917-4983	Green, 38mm ID, 10m	£43.95
917-5005	Green, 38mm ID, 30m	£106.41
917-5024	Green, 38mm ID, 5m	£20.34
917-4992	Green, 45mm ID, 10m	£48.02
917-5009	Green, 45mm ID, 30m	£115.23
917-5027	Green, 45mm ID, 5m	£24.56
917-4995	Green, 51mm ID, 10m	£56.67
917-5021	Green, 51mm ID, 5m	£28.33
917-5030	Yellow, 102mm ID, 10m	£139.90
917-5037	Yellow, 25mm ID, 10m	£33.02
917-5046	Yellow, 32mm ID, 10m	£41.31
917-5049	Yellow, 38mm ID, 10m	£49.63
917-5043	Yellow, 45mm ID, 10m	£57.27
917-5052	Yellow, 51mm ID, 10m	£71.26

LIGHTWEIGHT MEDIUM DUTY SUCTION & DELIVERY HOSE 10M LENGTH

- Reinforced with a rigid crush resistant white PVC helix
- Standard colour: olive green, white helix
- Bend radius 284mm



917-5074	102mm ID, 10m	£121.98
917-5071	127mm ID, 10m	£198.33
917-5065	38mm ID, 10m	£48.39
917-5077	51mm ID, 10m	£51.18
917-5080	76mm ID, 10m	£84.60

OIL RESISTANT DELIVERY HOSE BLUE

- Resistant to a wide range of fuels and oils
- Optimum flow maintained by the smooth bore
- Reinforced with a rigid crush and kink resistant white PVC helix making the hose tough and flexible
- Bend radius 113mm
- Standard colour: Blue, white helix



917-5087	25mm ID, Blue, 10m	£54.04
917-5106	25mm ID, Blue, 5m	£30.90
917-5083	38mm ID, Blue, 10m	£71.64
917-5103	38mm ID, Blue, 5m	£35.81
917-5096	51mm ID, Blue, 10m	£89.01
917-5100	51mm ID, Blue, 5m	£44.50

OXYGEN GAS WELDING HOSE 2802

- Welding hose - oxygen
- PVA reinforcement
- Blue outside and black inside
- Not antistatic



486-489 £33.37

STRAIGHT CONNECTOR

- Straight male hose coupling
- One end tapered screw
- One end push on hose connector (male)
- Colour: Black



795-203	1/4" BSPT 12mm ID hose	£8.28
795-118	1/4" BSPT 6mm ID hose	£4.48
795-146	1/4" BSPT 8mm ID hose	£5.14
419-7401	1/8" BSPT 4mm ID hose	£2.93
795-102	1/8" BSPT 6mm ID hose	£3.78
795-219	3/8" BSPT 19mm ID hose	£10.71

COMPRESSED AIR HOSE 2118

- Air and water hose
- Polyester reinforced
- Yellow outside and black inside
- Not antistatic



486-568 25m L 13mm ID £55.93
486-564 25m L 19mm ID £75.66
486-609 25m L 25mm ID £117.71

ELBOW CONNECTOR

- Elbow male hose coupling
- One end tapered screw
- One end push on hose connector (male)
- Colour: Black



795-310	1/4" BSPT 12mm ID hose	£10.77
419-7394	1/8" BSPT 6mm ID hose	£4.22
795-326	3/8" BSPT 19mm ID hose	£11.37
795-304	3/8" BSPT 12mm ID hose	£8.99

OIL HOSE 3006 25M LENGTH

- Suitable for diesel, paraffin, oil and grease etc
- Ester reinforced
- Anti-static
- Self extinguishing outer CR rubber coating
- Black outside and black inside
- Antistatic



486-637 25m L 13mm ID £75.93
486-621 25m L 19mm ID £127.14
486-520 25m L 25mm ID £177.78 **362-6712** £7.65 **911-9453** £698.70

PART C COUPLER

- Cam female x hose tail
- Aluminium coupling with stainless steel pins and brass handles



SELF-RETRACTING HOSE REELS

- Heavy duty UV stabilised polypropylene outer casings
- Designed for wall mounting, pivoting wall bracket included
- Spring driven retractable hose reel
- Inlet Connection size 1/2"



MANUAL HOSE REEL WITH MALE SWIVEL FITTING AND GUARD

- Suitable for use with pneumatic tools
- 360° Rotary Base for Easy Use
- RoHS compliant and Silicon-free
- Heavy Duty Reinforced Steel Construction
- Easy to mount and dismount from the wall for outdoor use



STAINLESS STEEL WASH-DOWN HOSE REEL

- 20m braided hose suitable for hot water
- Conventional spring return mechanism
- 400 bar maximum pressure
- Up to 150° working temperature
- Manufactured from 304 stainless steel
- Viton seals
- Inlet connection size 1/2"



SELF-RETRACTING AIR HOSE REEL 9M LENGTH

- Heavy duty UPVC spring driven hose reel for airlines up to a pressure of 10bar.
- PU air hose
- Carrying handle
- 180° pivot bracket
- 1 metre feed pipe
- Hose terminates in a $\frac{1}{4}$ " BSPT male connector
- Auto lock that uses rollers for smooth retraction



911-9443 8mm ID, 9m

£81.60

362-7096

£161.73

HEAVY DUTY SELF-RETRACTING HOSE 15M LENGTH

- Heavy duty UPVC spring driven hose reel for airlines up to a pressure of 20bar
- Carry handle
- 180 Deg pivot bracket
- 1.5m pipe feed
- $\frac{1}{4}$ " inlet connection
- Hose terminates in $\frac{1}{4}$ " BSPT male



911-9447 10mm ID, 15m

£97.92

362-6633 $\frac{1}{4}$ "
362-7709 $\frac{1}{8}$ "£9.68
£5.03

SELF-RETRACTING WATER HOSE REEL

- Automatic retracting operation
- Maximum pressure 10 bar



911-9456 12mm ID, 20m

£99.96

317-490 Part A cam & groove adaptor; 1" BSPT F
307-308 Part F cam & groove adaptor; 1" BSPT M£10.35
£14.30

STRAIGHT MALE HOSE COUPLING

- Stainless steel ASTM A351-CP8M
- Working pressure 17 bar (250psi)



HEAVY DUTY WATER GUN, STAINLESS STEEL

- Blue EPDM rubber insulated grip, body and trigger
- For hot/cold washdown
- Adjustable spray pattern and auto shut off
- Delivery of 25 Litres/min@ 73 PSI (5 bar)
- Maximum temperature handling of 95°C
- Thread $\frac{1}{2}$ " BSP Female



911-9443 8mm ID, 9m

£81.60

362-7096

£161.73

Pipeline marking tapes

- Text on coloured background
- Sold in rolls of length 33m



711-570	COMPRESSED AIR', 150mm	£29.94
711-413	COMPRESSED AIR', 50mm	£15.22
711-384	COOLING WATER', 50mm	£15.22
711-615	GAS', 150mmx33m	£29.94
711-457	GAS', 50mmx33m	£15.22
711-362	HOT WATER', 50mmx33m	£15.22
711-378	MAINS WATER', 50mmx33m	£15.22
711-441	OIL', 50mmx33m	£15.22
866-254	WATER, 50mmx33m	£15.22

IDENTIFICATION COLOUR TAPE

- No symbol or text
- 33m in length

362-6633 $\frac{1}{4}$ "
362-7709 $\frac{1}{8}$ "£9.68
£5.03

LEGEND TAPES

- Pipe marking tape
- Can be used together with other marking tapes
- Text or symbol on white background
- All tapes are 33m in length and 50mm width



711-485	ARROW'	£14.85
711-491	FLOW'	£14.85
711-508	RETURN'	£14.85

PLUMBING MAINTENANCE KIT

- A 18 compartment moulded box
- Contains stoppers, tap washers, spigot nuts etc.



445-3379

£32.01

COPPER TUBE

- Supplied in 2 m lengths in the half hard condition
- Ideal temper for cold bending and forming either on a bending machine or with correct size bending spring
- Can be connected with capillary or compression fittings



698-770	15mm dia x 2m L	£82.72
698-786	22mm dia x 2m L	£166.02
796-666	28mm dia x 2m L	£107.74

CHROMIUM PLATED COPPER TUBE

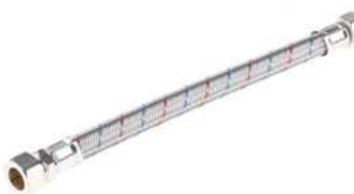
- Electroplated in accordance with BS 1224: 1970 service condition 2
- Supplied in 2 m straight lengths in the half hard condition
- Ideal for cold bending either on a bending machine or with correct size bending spring



283-2269	15mm dia x 2m L	£52.37
282-3489	22mm dia x 2m L	£59.50

BRAIDED STAINLESS STEEL HOSE

- Stainless steel AISI 304 braid with red / blue marker
- Non-toxic EPDM line hose
- Non-corrosive stainless steel ferrules
- End fittings brass EN12 164/6



711-8489 1/2" BSPF x 15mm comp 300mm £4.32

711-8482 1/2" BSPM x 15mm comp 300mm £4.97

711-8476 15mm x 15mm comp 300mm £5.05

711-8498 3/4" BSPF x 22mm comp 300mm £8.42

711-8495 3/4" BSPFx 3/4" BSPM 300mm £8.06

BRAIDED FLEXIBLE TAP CONNECTOR WITH VALVE 300MM LENGTH

- Suitable for hot and cold potable water
- Non toxic EPDM lining that does not promote microbiological growth



711-8464 15mm 1/2" BSPF c/w valve 300mm £6.26

711-8445 Push-fit flexi hose 15 x 15mm 300mm £7.14

HYDRAVEND FLEXIBLE WATER HOSE

- WRAS approved
- Tested and approved to BS 6920 to ensure potable water supplies intended for human consumption remain safe and free from contamination
- Co-extruded polyester liner with mirror smooth surface finish reduces risk associated with build-up of micro biological bacteria



711-8509 1/2" elbow x 3/4" 1.5m £5.10

711-8518 1/2" elbow x 3/4" 2.5m £7.69

BRAIDED STAINLESS STEEL WATER HOSE 300MM

- WRAS approved
- All materials have been tested and approved to BS 6920
- Robust construction with excellent abrasion and crush resistance.
- High quality material to provide excellent flexibility and kink resistance.



711-8451 1/2" BSPP FF 300mm £3.33

711-8442 15mm comp x 1/2" BSPF 300mm £3.30

711-8454 22mm comp x 3/4" BSPF 300mm £4.78

711-8467 Elbow 1/2" BSPP FF 300mm £4.79

BRAIDED STAINLESS STEEL HOSE

- Suitable for use with hot and cold water
- Use for connecting taps where access may be difficult or awkward
- Includes washers
- Pack of 1, 900mm long



784-5093 £7.14

BRAIDED FLEXIBLE HOSE

- Suitable for use with hot and cold water
- Use for connecting taps where access may be difficult or awkward
- Includes washers
- Pack of 1



784-5699	15mm comp x 1/2" BSPF 300mm	£4.79
784-5260	15mm comp x 1/2" BSPF 500mm	£4.63
784-5263	15mm comp x 1/2" BSPF 900mm	£6.30
784-5298	22mm comp x 3/4" BSPF 900mm	£8.38
784-5291	Elbow 15mm X 1/2in Elbow F 250mm	£6.32

STOP END COMPRESSION TO BLANK END

- Designed for use with copper tube to BS EN 1057: 1996
- Also suitable for stainless steel tube to BS4127: 1994

**FEMALE STRAIGHT COUPLER COMPRESSION FITTING**

- Kitemarked fitting
- Type 'A' compression fittings suitable for mechanically joining copper or stainless steel by means of compressing a cone onto the tube without the use of heat.

**MALE STRAIGHT COUPLER BRASS COMPRESSION FITTING**

- Kitemarked fitting
- Type 'A' compression fittings
- Suitable for mechanically joining copper or stainless steel
- Manufactured to EN 1254

**FLANGED TANK CONNECTOR**

- Type 'A' compression fittings
- Suitable for mechanically joining copper or stainless steel tubes
- Kitemarked fitting



369-1542	Straight coupling, 15mm comp x 1/2" BSPP M	£2.80
432-0308	15mm comp x 1/2" BSPP M	£5.79
432-0320	15mm comp x 3/8" BSPP M	£5.46
432-0358	28mm comp x 1" BSPP M	£7.02

369-1564	15mm comp	£3.28
369-1586	22mm comp	£3.74

TEE COMPRESSION FITTING

- Equal tee, 22mm comp all ends
- Kitemarked fitting



369-1609	15mm comp x blank end	£4.43
369-1615	22mm comp x blank end	£5.24
369-1665		£8.17

REDUCING TEE COMPRESSION FITTING

- Reduced branch reducing tee
- Suitable for water or light mineral oils



369-2286	15mm comp x 1/2" BSPP F	£3.38
369-1592	22mm comp x 3/4" BSPP F	£4.63
432-0421		£13.05

ELBOW COMPRESSION FITTING

- Kitemarked fitting
- Type 'A' compression fittings suitable for mechanically joining copper or stainless steel by means of compressing a cone onto the tube without the use of heat



369-1621	15 x 15mm comp	£3.47
369-1643	22 x 22mm comp	£5.75
432-0392	28 x 28mm comp	£12.57

STRAIGHT, CHROMIUM PLATED COMPRESSION FITTING

- Kitemarked fitting
- Type 'A' compression fittings suitable for mechanically joining copper or stainless steel by means of compressing a cone onto the tube without the use of heat.



285-8687	15mm comp x 1/2" BSPP M	£3.71
285-8693	22mm comp x 3/4" BSPP M	£5.82

CHROMIUM PLATED BRASS FITTINGS

- For suitable chromium plated copper tube
- BS864/2 BSI Kitemark Licence no. KM07082



285-8889	15 x 15 x 15mm equal tee	£6.54
285-8845	15mm elbow coupler	£4.63

TOILET CISTERN SIPHON, 9 INCH

- Close couple kit:
- Adjustable flush volumes
- Adjustable internal overflow
- Cable operated via flush pushbutton which replaces normal operating lever
- Easy-to-fit replacement for existing siphons



445-3385	Toilet cistern siphon BS08090E	£4.60
134-285	Toilet close coupling kit AE599CC	£4.48
445-3391	Dual flush valve BFVMF150	£19.95

POLYPROPYLENE TOILET SEATS

- Polypropylene material
- Complete with fittings
- Easy to fit with the adjustable plastic hinges
- Soft close version available



BIB TAPS

- Ideal replacement for an outside tap
- Quarter turn handle for easier operations
- The spout includes a hose fitting for a standard garden hose
- Chrome plated brass ball for longer life with rinse hole
- Application : Water, Plumbing



TOILET ACCESSORIES & REPLACEMENTS

- A range of spares and accessories for toilet maintenance
- Hinge fitting kit, roll holders, cistern handles and coupling kits
- Different finishing for perfect matching



784-5617	White hinge fitting kit	£3.49
784-5605	Toilet roll holder	£10.49
784-5364	Chrome low level cistern handle	£4.92
784-5361	WC plastic cistern replacement kit	£42.36
784-5715	Toilet close coupling kit	£4.61
784-5737	Chrome low level cistern handle	£5.10

DEZINCIFICATION RESISTANT BRASS BALL VALVE - 1/4 TURN

- Designed for areas where there is a problem of dezincification
- New construction technology retains the reliability of brass, and the corrosion resistance of bronze
- Application: Drinking water, water, plumbing
- Operating pressure: PN16 up to 54 mm non-shock cold working pressure
- Ball seats: Pure PTFE self-lubricating, with flexible-lip design
- Chrome plated brass ball for longer life
- Silicone-free lubricant on all seals
- No maintenance ever required



486-306	22 mm	£13.41
486-344	28 mm	£18.66
486-293	15 mm	£10.15
486-378	22 mm	£14.39

FLOAT VALVE - PLASTIC

- Suitable for pressures up to 14 bar (206 psi)
- WRAS approved
- Small and quiet in operation
- Minimum working pressure 0.15 bar
- Fits most tanks and cisterns



802-086	Bottom entry, 14bar	£17.30
802-070	Side entry, 14bar	£11.12
784-5611	Bottom entry, 16bar	£24.27
784-5620	Side entry, 16bar	£16.21

CLASS 800 STAINLESS STEEL Y-STRAINER

- For use when the amount of solids to be removed is small
- Can be installed in both horizontal and vertical positions
- Available in a variety of sizes



499-2723	½ in BSP	£31.20
499-2694	¼ in BSP	£34.27
499-2745	1 in BSP	£58.89
499-2773	2 in BSP	£157.72
499-2739	¾ in BSP	£43.50

BRASS FEMALE MALE GAUGE COCK

- Isolates the pressure gauge from the pressure medium
- Extends the service life of the pressure gauge where the pressure is continually pulsating
- Operation indicated by symbol on top of handle



189-046	3/8 in G Female 3/8 in G Male	£17.50
352-2014	½ in BSP Female ½ in BSP Female	£22.81
352-1998	3/8 in BSP Female 3/8 in BSP Female	£27.70

STAINLESS STEEL 316L TUBES

- Available in a range of diameters from 6 mm to 12 mm
- Supplied in 2 m lengths
- Maximum working pressure 75 bars
- Maximum operating temperature 600°C



437-3706	12mm Nominal Outer Diameter 1mm, pack of 5	£79.93
437-3683	6mm Nominal Outer Diameter 0.6mm, pack of 5	£52.43
437-3699	8mm Nominal Outer Diameter 0.6mm, pack of 5	£65.49
190-866	6mm Nominal Outer Diameter 0.6mm, pack of 2	£28.48
190-872	8mm Nominal Outer Diameter 0.6mm, pack of 2	£30.20
190-888	12mm Nominal Outer Diameter 1mm, pack of 2	£42.94

66MM DIAL THERMOMETER

- Designed to indicate the surface temperature of ferrous surfaces (magnetic) and pipes (clip on)
- Ideal for fixing to radiators and not insulated pipes
- Glass Window



431-5637	Magnetic	£13.19
324-8558	Clip On	£14.95

SIDE DRAIN BRASS BALL VALVE - ¼ TURN

- Ball seats : Pure PTFE self-lubricating, with flexible-lip design
- Silicone-free lubricant on all seals



812-5166	1-½in	£26.53
812-5157	½in	£10.23
812-5154	1in	£18.18
812-5150	¾in	£13.06
812-5191	1-½in	£56.75
812-5182	1-½in	£46.94
812-5176	½in	£8.34
812-5179	½in	£7.41
812-5188	1in	£17.56
812-5185	¾in	£11.10
812-5245	1 Way, 1½in Pipe Size	£54.63
812-5239	1 Way, ¾in Pipe Size	£14.86

IMMERSION THERMOMETERS

- Bi-metal element thermometers
- Dual scale, clearly visible through the acrylic window
- Temperature range covers both hot & chilled water applications
- Manufactured to DIN 16203
- ½ in. BSP Brass Male Thread



324-8463	Back, 0 / +120°C	£43.23
324-8873	Back, -20 / +60°C	£39.79
324-8429	Vertical, 0 / +120°C	£49.13

REMOTE READING EXPANSION THERMOMETER

- Filled System with Bourdon Tube Element
- Dual Scale
- Acrylic Window
- Supplied with a surface mounting back flange
- Available with a 1.5 m (stock nos 431-5586, 431-5592) or 5 m length capillary (stock no 431-5671)
- Complies with BS 5235: 1975; DIN 16203; DIN 16205



431-5671	0 / +120°C	£96.89
431-5592	0 / +120°C, Class 2	£79.97
431-5586	Back, -20 / +60°C	£79.97

BLACK NITRILE RUBBER INSULATION

- Self adhesive tape and sheets format available
- Tape especially suitable for insulating short pipe runs, valves, tee joints
- Sheets especially suitable for larger areas such as storage tanks, grouped pipework, ducting
- Temperature range from -40°C to +85°C



486-069	Tape 3mm x 15m	£23.02
486-007	Roll, 6m x 1000mm x 19mm	£231.28
486-003	Roll, 10m x 1000mm x 9mm	£191.37
485-971	14m x 1000mm x 13mm	£214.17
485-943	8m x 1000mm x 25mm	£210.14
486-029	2m x 500mm x 13mm	£26.71
486-019	2m x 500mm x 19mm	£38.52
486-047	2m x 500mm x 25mm	£52.53
486-031	2m x 500mm x 10mm	£24.14

POLYETHYLENE PIPE INSULATION

- For the control of heat loss, frost protection, condensation and pipe protection
- Semi-slit for easy fitting
- Supplied in 2m lengths coloured light grey
- Meets requirements of Byelaw 49
- Substantial energy savings when used on hot water pipes



SALT GRANULES FOR WATER SOFTENING

- Formed by crushing and sieving compacted sheets of food-grade pure dried vacuum salt
- Rapidly dissolves to produce premium quality brine
- Manufactured from pure dried vacuum salt to ensure purity



759-6592

£8.64

SHOWER HANDSET

- Adjustable for your comfort
- Easy to Install
- ABS Plastic



SELF CUTTING TAP 15MM

- Self Cutting Tap
- Chrome Plated
- Suitable for use with 15mm and 1/2in. pipe
- Changeable indicator



784-5535

£10.67

MALE-MALE RADIATOR VALVE (ANGLED)

- Compact design
- Ideal for use with any radiator
- Chrome finish brass



784-5649

£5.38

486-035	15mm dia. x 25mm x 2m	£51.36
485-997	15mm dia. x 9mm x 2m	£31.17
486-041	22mm dia. x 19mm x 2m	£38.22
485-987	22mm dia. x 9mm x 2m	£30.36
485-993	28mm dia. x 19mm x 2m	£33.49
485-981	28mm dia. x 9mm x 2m	£32.10

RUBBER PIPE INSULATION CLASS 0

- Fully flexible rubber pipe insulation
- Supplied in 2m lengths
- Manufactured without using CFC and HCFC gases
- Meets the requirements of Byelaw 49
- Suitable for frost protection, energy conservation and pipeline protection



486-025	Black, 15mm dia. x 25mm x 2m	£67.45
486-081	Black, 22mm dia. x 19mm x 2m	£44.94
486-053	Black, 22mm dia. x 25mm x 2m	£44.94
486-057	Black, 28mm dia. x 19mm x 2m	£58.63
485-969	Black, 28mm dia. x 25mm x 2m	£51.94
486-085	Black, 35mm dia. x 13mm x 2m	£36.49
485-965	Black, 35mm dia. x 19mm x 2m	£41.16
485-959	Black, 42mm dia. x 13mm x 2m	£43.11
485-953	Black, 42mm dia. x 19mm x 2m	£48.45
486-063	Black, 48mm dia. x 13mm x 2m	£51.09
485-947	Black, 48mm dia. x 19mm x 2m	£54.69
485-975	Black, 54mm dia. x 13mm x 2m	£56.63
486-013	Black, 54mm dia. x 19mm x 2m	£46.35
486-079	Grey, 60mm dia. x 13mm x 2m	£39.39
486-075	Grey, 60mm dia. x 19mm x 2m	£65.30

ECOSTAR CHROME REGULATED SHOWER HEAD

- ABS chrome plated finish
- Saving upto 30 litres per minute for a 5 minute shower
- Uses only 6 litres of water per minute
- 3 year warranty



784-5541 Chrome

£12.94

784-5544 White

£8.89

SHOWER HEIGHT & ROTATION RAIL KIT

- Shower Rail Kit
- 3 mode self cleaning shower head
- Soap dish
- 1.25m hose



784-5538 Chrome	£37.25
784-5532 White	£33.11

MANUAL AIR VENT RADIATOR VALVE

- Suitable for heating systems and other hot water systems
- Ideal when it is required the efficient automatic removal of air from water
- Integral stop valve, enables seat to be cleaned without draining the system down
- Simple service and cleaning



246-3318 1/8 in BSPT, 1/4 in BSPT	£15.39
313-7032 3/8 in BSPT, 3/8 in BSPT	£8.84

PRESSURE REDUCING VALVE - BSP FEMALE

- To avoid noise in long runs of pipework and equipment
- Suitable for use with water or compressed air
- Can be installed in any position and serviced in situ
- Single piece acetal resin cartridge
- Preset pressure
- 40°C maximum operating temperature



761-345 1/2 in Screwed Iron Female	£39.10
431-8888 15 mm Compression	£41.51
431-8894 22 mm Compression	£44.27
761-351 3/4 in Screwed Iron Female	£41.72

MALLEABLE IRON FITTING BARREL NIPPLE

- BS21 Taper thread
- Galvanised finishing available
- Male-Male



257-8331 1/2 in BSPT Male (Connection 1), 1/2 in BSPT Male (Connection 2)	£5.81
257-7928 1 in BSPT Male (Connection 1), 1 in BSPT Male (Connection 2)	£9.84
257-7962 2 in BSPT Male (Connection 1)	£10.28
257-7912 1/4 in BSPT Male (Connection 1), 1/4 in BSPT Male (Connection 2)	£7.63
257-8044 1-1/2 in BSPT Male (Connection 1), 1-1/2 in BSPT Male (Connection 2)	£9.79
257-7990 1/2 in BSPT Male (Connection 1), 1/2 in BSPT Male (Connection 2)	£7.87
257-7978 1/4 in BSPT Male (Connection 1), 1/4 in BSPT Male (Connection 2)	£7.32
257-8016 1 in BSPT Male (Connection 1), 1 in BSPT Male (Connection 2)	£13.37
257-8050 2 in BSPT Male (Connection 1)	£13.84
257-8000 1/4 in BSPT Male (Connection 1), 1/4 in BSPT Male (Connection 2)	£10.32

STAINLESS STEEL 90° ELBOW

- 316 Stainless Steel
- 150 lbs fitting
- Various connections available



499-2953 1/2in G(P) Female x 1/2in G(P) Female	£3.16
499-2975 1in G(P) Female x 1in G(P) Female	£7.72
499-2969 3/4in G(P) Female x 3/4in G(P) Female	£4.05
499-3322 1/2in R(T) Female x 1/2in R(T) Male	£4.21
499-3300 1/2in R(T) Female x 1/2in R(T) Male	£2.52
499-3344 1in R(T) Female x 1in R(T) Male	£8.23
499-3338 3/4in R(T) Female x 3/4in R(T) Male	£5.47
499-2981 1/2in G(P) Female x 1/2in G(P) Female x 1/2 Female G(P) 2.17in	£4.88
499-2880 1/2in G(P) Female x 1/2in G(P) Female x 1/2 Female G(P) 1.54in	£2.99
499-3007 1in G(P) Female x 1in G(P) Female x 1 Female G(P) 2.76in	£9.96
499-2997 3/4in G(P) Female x 3/4in G(P) Female x 1/2 Female G(P) 2.36in	£5.86

GALVANISED STEEL THREADED TUBE

- Threaded with a BS21 taper thread at both ends
- Supplied in 3.23m lengths



698-821 21.1mm OD	£98.54
698-837 3.23m Long, 26.6mm OD	£111.41

THREADED STAINLESS STEEL PIPE

- A range of welded and seamless stainless steel pipe to ASTM A312 type 316L with BSP taper threads
- Supplied in two metre lengths, each tube is threaded at both ends



183-7910 2m Long, 16.6mm OD, 3/8 in, Seamless	£99.66
212-8807 2m Long, 47.8mm OD, 1-1/2 in	£131.40
190-838 2m Long, 21mm OD	£54.28
190-850 2m Long, 33.24mm OD, 1 in	£90.14
190-844 2m Long, 26.4mm OD, 3/4 in	£71.13

STAINLESS STEEL SOCKET BSPPF - BSPPF

- 316 Stainless Steel
- 150 lb fitting
- BSP female connections at both ends



499-3142	1/2in G(P) Female x 1-1/2in G(P) Female	£10.89
499-3013	1/2in G(P) Female x 1/2in G(P) Female	£3.94
499-2903	1/2in G(P) Female x 1/2in G(P) Female	£1.73
499-3035	1in G(P) Female x 1in G(P) Female	£6.21
499-3164	2in G(P) Female x 2in G(P) Female	£17.03
499-3029	3/8in G(P) Female x 3/8in G(P) Female	£4.81
499-2919	3/8in G(P) Female x 3/8in G(P) Female	£1.89

STAINLESS STEEL CIRCULAR BARREL NIPPLE BSPTM

- 316 Stainless Steel
- 150 lb fitting
- With BSPT tapered screw end
- Barrel Nipple is made from S/40 pipe



499-3287	1-1/2in R(T) Male x 1-1/2in R(T) Male 3.15in	£10.79
499-3271	1-1/2in R(T) Male x 1-1/2in R(T) Male 3.15in	£10.48
499-3243	1/2in R(T) Male x 1/2in R(T) Male 2.36in	£11.05
499-3221	3/4in R(T) Male x 3/4in R(T) Male 1.57in	£6.36
499-3265	1in R(T) Male x 1in R(T) Male 2.36in	£8.11
499-3293	2in R(T) Male x 2in R(T) Male 3.94in	£17.77
499-3259	3/8in R(T) Male x 3/8in R(T) Male 2.36in	£6.06

STAINLESS STEEL HEXAGON HEXAGON NIPPLE BSPTM - BSPTM

- 316 Stainless Steel
- 150 lb fitting
- With BSPT tapered screw end
- Hexagon Nipple is made from S/40 pipe



499-3041	1/2in R(T) Male x 1/2in R(T) Male 1.65in	£2.96
499-2931	1/2in R(T) Male x 1/2in R(T) Male 1.26in	£1.98
499-3063	1in R(T) Male x 1in R(T) Male 1.93in	£6.52
499-3057	1in R(T) Male x 3/4in R(T) Male 1.71in	£4.55
499-2947	3/8in R(T) Male x 3/8in R(T) Male 1.26in	£2.16

STAINLESS STEEL HEXAGON PLUGS BSPTM

- 316 Stainless Steel
- 150 lb fitting
- With BSPT tapered screw end
- Hexagon plug is made from S/40 pipe



STAINLESS STEEL OCTAGON STRAIGHT UNION BSPPF - BSPPF

- 316 Stainless Steel
- 150 lb fitting
- With BSPT (Tapered) and BSPP (Parallel) connections



STAINLESS STEEL HEXAGON BUSH BSPTM - BSPPF

- 316 Stainless Steel
- 150 lb fitting
- With BSPT (Tapered) and BSPP (Parallel) connections



499-3619	1-1/2in R(T) Male x 1in G(P) Female 1.18in	£10.59
499-3574	1-1/2in R(T) Male x 1in G(P) Female 1.18in	£10.18
499-3451	1/2in R(T) Male x 3/4in G(P) Female 0.87in	£2.50
499-3445	1/2in R(T) Male x 3/8in G(P) Female 0.87in	£2.25
499-3530	1in R(T) Male x 1in G(P) Female 1.06in	£4.68
499-3546	1in R(T) Male x 3/4in G(P) Female 1.06in	£4.24
499-3524	3/8in R(T) Male x 1in G(P) Female 0.91in	£3.71

STAINLESS STEEL HEXAGON HOSE NIPPLE BSPTM - HOSE

- 316 Stainless Steel
- 150 lb fitting
- Screwed BSPT (Tapered) connection
- Barbed hose tail connection



499-3798	1-1/2in R(T) Male / Male 3.15in	£15.34
499-3782	1-1/2in R(T) Male / Male 2.76in	£12.27
499-3754	1/2in R(T) Male / Male 2.22in	£6.30
499-3732	1in R(T) Male / Male 1.69in	£3.63
499-3776	1in R(T) Male / Male 2.72in	£9.58
499-3805	2in R(T) Male / Male 3.46in	£21.25
499-3760	3/8in R(T) Male / Male 2.36in	£7.92
499-3748	3/8in R(T) Male / Male 1.93in	£4.75

STAINLESS STEEL HIGH PRESSURE BALL VALVE

- Manufactured with stainless steel body, stainless steel ball and stainless steel handle
- BSP female port threading, PTFE seal



499-2830	1-1/2in BSPP 2Way	£53.03
499-2795	1/2in BSPP 2Way	£17.41
499-2789	3/4in BSPP 2Way	£17.55
499-2818	1in BSPP 2Way	£27.21
499-2846	2in BSPP 2Way	£70.37
499-2802	3/8in BSPP 2Way	£23.64

STAINLESS STEEL QUARTER-TURN L- AND T-PORT BALL VALVES

- Durable and perform well even after long periods of time
- Excellent choice for shut-off applications



499-1887	1/2in BSPP 3Way, L Port	£81.19
499-1944	1/2in BSPP 3Way, T Port	£81.19
764-4234	1/2in 2Way	£41.41
764-4247	1in 2Way	£58.01
764-4250	1/2in BSPP 2Way	£23.91
764-4262	1in BSPP 2Way	£37.29
764-4278	2in BSPP 2Way	£93.14
764-4269	3/4in BSPP 2Way	£31.06

HIGH PRESSURE BALL VALVE

- Investment casting
- Blow-out proof stem
- Anti-static device (option)



826-7157 ½in	£89.44
826-7153 ¼in	£100.60
826-7172 2in	£297.00

CLASS 200 AISI 316 GLOBE VALVE

- Used for regulating flow in a pipeline
- Available in a variety of sizes
- W.P: 200WOG
- W.T: -20°C-200°C (-4°F-392°F)
- Investment casting
- Thread type: ASME B1.20.1 (NPT), DIN 2999 & BS21, ISO7/1 & EN10226



499-2600 1 ½in	£113.16
499-2593 1 ½in	£93.78
499-2559 ½in	£52.29
499-2571 1in	£65.32
499-2616 2in	£156.74
499-2565 ¾in	£53.94
499-2032 3/8in	£45.39

WATER FILTERS

- Surface filters are suited to removing rigid and irregular particles
- Standard length: 10in
- Standard diameter: 4in
- Micron rating: 5 micron
- Temperature rating: 82 deg C
- To be used with a standard 10" high flow filter housing
- Material: Polypropylene



738-2731 CalFresh Kit with cartridge	£85.91
738-2700 CalMax 1" inlet/outlet	£92.45
738-2706 CalMax cartridge 5 micron sediment	£20.87
738-2703 CalMax cartridge 5-micron pleated	£23.18
738-2716 CalHouse ¾" in/out	£31.87
738-2728 CalHouse cartridge 5 micron sediment/carbon	£12.55
738-2712 CalHouse cartridge 5 micron water sediment	£3.67

BRONZE GATE VALVES

- BS21 taper thread
- Non-rising stem
- Threaded bronze bonnet
- One-piece wedge
- Bronze trim



510-3823 1 ½in	£34.02
510-3851 ½in	£10.26
510-3845 1in	£18.83
510-3867 2in	£47.09

BRASS GATE VALVES

- High quality lubricated packing
- Non rising stem
- Can be re-packed under pressure
- Solid brass wedge
- BSI Kitemark approved: License no. KM-06045



261-0299 ½in	£8.72
261-0328 1in	£15.72
261-0340 1 ½in	£35.26
261-0356 2in	£44.89

NON RETURN VALVES FEMALE/ MALE PORTS

- For heating, sanitary and compressed air systems, pumps and autoclaves
- Body in hot forged DZR brass
- Threading to BS2779
- Hostaflex inner valve
- Spring in 18/8 AISI 302-304 stainless steel
- Hydrostatic test pressures: 30 bar/435psi (shell), 22 bar/315psi (seat)
- Low pressure drop, prevents water hammer
- Full flow area equal to nominal size



340-3294 ½in	£4.90
340-3339 1 ½in	£24.96
340-3323 1 ½in	£14.89
340-3317 1in	£9.62
340-3345 2in	£33.37
340-3301 ¾in	£6.54

SPRING LOADED NON RETURN BRASS VALVE

- Suitable for domestic, industrial, pneumatic and hydraulic installations
- Performs well in any orientation
- Low pressure drop



486-148 ½in	£4.88
486-164 1in	£8.52
486-237 1 ½in	£19.02
486-233 2in	£25.86
486-158 ¾in	£6.66
486-170 3/8in	£4.86

NON-RETURN STEAM VALVE

- Designed for use with steam and hot condensate
- CE marking of PN25
- Connections are female screwed
- Low pressure drop
- Horizontal or vertical installation

**PRESSURE REDUCING STEAM VALVE**

- Compact stainless steel non return disc check valve
- Designed for use with steam and hot condensate
- These valves have a CE marking of PN25
- Connections are female screwed
- Low pressure drop
- Horizontal or vertical installation



720-9342 ½in, 1.4-4.0bar	£298.65
720-9361 1in, 3.5-8.6bar	£335.76

FLOAT AND THERMOSTATIC STEAM TRAP

- Designed for all types of low, medium and high pressure steam heating and process equipment
- Connections are female screwed
- Modulating discharge
- Discharges condensate at steam temperature
- Unaffected by sudden or wide load and pressure changes
- Excellent air discharge



720-9210	1/2in, 10bar	£190.55
720-9213	1/2in, 14bar	£190.55
720-9201	1/2in, 4.5bar	£190.55
720-9232	1in, 10bar	£217.63
720-9226	1/2in, 10bar	£190.55
720-9229	1/2in, 14bar	£190.55

INVERTED BUCKET STEAM TRAP IB12

- Suitable for service at medium and high steam pressure
- Connections are female screw
- Horizontal installation
- Intermittent discharge
- Discharges condensate at steam temperature
- Unaffected by water hammer and vibrations
- Built-in strainer



720-9254	1/2in, 12bar	£164.04	486-205	1in	£13.01
720-9260	1/2in, 12bar	£164.02	486-182	2in	£34.15

GAS BRASS BALL VALVE

- Specific ball design avoids water stagnation and the spread of bacteria
- Application : Gas, Oil, Water, Drinking Water
- Operating Temperature : -40°C (-40°F) / +170°C (+350°F)
- For use with dangerous fluids temperature rating is -20°C +60°C and pressure rating is 5 bar



733-5280	T handle 1/2in FF	£6.22
733-5277	T handle 1/2in FF	£5.42
733-5173	Lever handle 1/2in	£27.81
733-5158	Lever handle 1/2in	£6.22
733-5151	Lever handle 1/2in	£5.36
733-5160	Lever handle 1in	£13.91
733-5176	Lever handle 2in	£43.41

S.84 BSPT BRASS BALL VALVE - 1/4 TURN MALE/FEMALE

- Application : Gas, Oil, Water, Drinking Water
- For use with dangerous fluids temperature rating is -20°C +60°C and pressure rating is 5 bar
- Connections options : FxF
- Ball seats : Pure PTFE self-lubricating, with flexible-lip design
- Silicone-free lubricant on all seals
- Handle clearly shows ball position



812-5267	1/2in	£5.50
812-5270	1/2in	£6.22
812-5273	3/8in	£8.76
812-5277	1in	£14.39
812-5286	1 1/2in	£23.66
812-5289	1 1/2in	£29.27
812-5283	2in	£45.50
812-5295	3in	£199.00

BRASS SWING CHECK VALVE

- Non-return or check valves which allow flow in one direction only
- Application : Industry, pneumatics, hydraulic, plumbing installations
- Operating Temperature : +0°C / +90°C
- Low pressure drop
- Water hammer resistant



STAINLESS STEEL CHECK VALVES

- Allow liquids to flow in only one direction
- W.P. : 200 WOG
- W.T. : -20°C - 200°C (-4°F - 392°F)
- Investment casting construction
- Thread type: ASME B1.20.1 (NPT), DIN 2999 & BS21, ISO 7/1 & EN10226



499-2622	1/2in	£37.77
499-2638	3/8in	£44.05
499-2650	1in	£53.99

BRASS BALL VALVE - 1/4 TURN MALE/FEMALE

- Suitable for oil, air, water, saturated steam or high temperature hot water services
- Application : Plumbing, Water
- Operating Temperature : -40°C (-40°F) / +170°C (+350°F)
- No metal-to-metal moving parts
- No maintenance ever required



733-5126	1/2in	£4.48
733-5120	3/8in	£4.48
733-5237	1/2in	£6.54
733-5132	3/8in	£7.42
733-5136	1in	£10.96
733-5148	1 1/2in	£24.20
733-5142	2in	£34.27

STEEL TEE HANDLE FULL PORT

- Suitable for oil, air, water, saturated steam or high temperature hot water services
- Hot forged sand blasted, nickel plated brass body and cap
- Pure PTFE self-lubricating seats with flexible-lip design
- No metal-to-metal moving parts
- Blowout-proof nickel plated brass stem
- ISO 228 Female / Female BSPP threads



733-5211	1/2in M-F	£5.54
733-5224	3/8in M-F	£6.54
733-5192	1/2in F-F	£5.08
733-5205	1/2in F-F	£5.15

PIPE CLEANING BRUSHES

- Manufactured from tough plastic and with stiff steel bristles
- Designed for cleaning the inside of copper fittings prior to soldering



499-2470	15mm	£3.53
499-2486	22mm	£3.67

GALVANISED STEEL TUBES

- Threaded with a BS21 taper thread at both ends
- Supplied in 3.23m lengths

**SUBMERSIBLE WATER PUMPS**

- Designed to clear dirty water in general applications
- Float switch turns the pump on and off automatically
- Can be fully submerged and works in depth of up to 7 m



124-1948	0.4kW	£51.00
124-1949	0.75kW	£61.20

MULTI-PURPOSE REINFORCED PVC TUBING

- Excellent glass clear transparency for clear visibility
- Good flexibility for ease of use
- Resistant to a wide range of chemicals including many acids / alkalis
- Thicker wall gives medium to heavy-duty durability
- EC compliant for food contact applications
- RoHS compliant
- Manufactured from cadmium and silicone-free materials



440-874	25m L 6.3mm ID	£26.81
243-0166	15m L 25mm ID	£43.06
243-0188	15m L 40mm ID	£103.33
243-0481	15m L 50mm ID	£173.98
797-394	25m L 10mm ID	£39.32
440-896	25m L 20mm ID	£48.11
381-5467	25m L 25mm ID	£67.62
440-868	25m L 5mm ID	£13.95
440-054	25m L 8mm ID	£27.05
243-0172	15m L 31.5mm ID	£76.82
440-880	25m L 12.5mm ID	£41.34
381-5473	25m L 31.5mm ID	£124.50

FLEXIBLE SILICONE TUBING

- 1.6 mm tube wall thickness
- Withstands sterilisation
- Food grade
- Wear and abrasion resistant



667-8432	0.8mm, 3m L	£10.19	125-3571	M500 - 0 to 24V	£49.00
667-8441	1.6mm, 3m L	£11.70	125-3568	MG1000 - 0 to 24V	£49.00
667-8444	3.2mm, 3m L	£11.80	125-3567	R400 - 0 to 24V	£49.00
667-8448	4.8mm, 3m L	£16.21			
667-8457	6.4mm, 3m L	£19.44			
667-8450	8mm, 3m L	£25.03			
			914-6944	180 deg port, 4v, 398 mL/min	£41.82
			914-6956	180 deg port, 6v, 661 mL/min	£41.82
			480-188	0.36 l/m, 3V dc, 2 port	£39.75
			480-122	0.65 l/m, 3V dc, 2 port	£39.75
			914-6950	Waterproof 2-6v, 661 mL/min	£52.02

BRASS HOSE TAIL ADAPTORS

- Brass male BSP threaded hose-tail adaptors
- Various internal diameters available

BRUSHLESS MICRO PUMP CONTROLLERS

- Accepts and input voltage of up to 30 Volts
- Pump speed can be controlled from a potentiometer on the board or via a 0-5V external signal

**MINIATURE PUMPS**

- Ideal for the electronics (cooling), medical or aeronautical industries
- Centrifugal principle to give a smooth pulseless flow
- Exceptionally quiet, reliable, small and lightweight
- Maximum dimensions 15.7 x 15.7 x 28.5 mm, 14 g
- Robust machined aluminium construction
- Can run from batteries, solar panel, or mains power supply
- Maximum Viscosity 20 cSt



506-7317	1in thread, 1in ID	£11.58
506-7294	1/2in thread, 1/2in ID	£4.78
506-7288	1/2in thread, 3/8in ID	£5.68
506-7216	1/2in thread, 1/2in ID	£3.74
506-7187	1/2in thread, 1/2in ID	£2.26
506-7200	1/2in thread, 3/8in ID	£3.22
506-7193	1/2in thread, 5/16in ID	£2.81
506-7159	1/2in thread, 1/2in ID	£2.47
506-7301	3/8in thread, 1/2in ID	£5.80
506-7250	3/8in thread, 1/2in ID	£5.15

MINIATURE CENTRIFUGAL PUMPS

- Ideal for many general applications, including research and development, medical or aeronautical industries.
- Using centrifugal principle to deliver smooth pulseless flow.
- Quiet and reliable with a brushless drive motor.
- Output signal for performance monitoring.
- Submersible, weatherproof and port configuration options.



702-6876	2.00 l/m, 3-12V, 3mm tubing	£65.14
702-6882	2.80 l/m, 3-12V, 6mm tubing	£65.14
702-6872	2.80 l/m, 3-12V, 6mm tubing	£65.14
702-6888	2.00 l/m, 12V, 3mm	£76.17
914-6969	Waterproof, 6-12v, 2685 mL/min	£85.68

MINIATURE HIGH FLOW PUMPS

- Manufactured from CNC machined alloy with stainless steel connections.
- Designed for 8mm Tubing.
- 10 l/m flow rate.
- 102g weight.
- Quiet operation.
- Dimensions: 64 x 32 x 31mm.
- Sealed waterproof body (IP67).



125-3557	180 Deg port + EQI-M Driver	£139.00
817-0784	M500S, High flow	£102.98

MICRO DIAPHRAGM GAS AND LIQUID PUMP

- High efficiency.
- Variable flow rate and low power consumption.
- Small size only 42 x 27 x 17 mm.
- Usable with solar power, PSU or batteries.
- Wide range of chemical resistance.
- Lightweight 25 g to 34 g.
- Head can be realigned to one of 4 positions for easy inlet and outlet tube connection.



702-6898	Alloy body, Gas, Liquid, 3V	£54.10
702-6894	Nylon body, Gas, Liquid, 3V	£40.85

MINIATURE DIAPHRAGM AND CONICAL PUMP

- Manufactured from a CNC machined aluminium alloy.
- Robust and lightweight.
- Diaphragm gas pumps use brushless motors for high performance and long service.
- Compact dimensions.
- IP67 rated.
- Noise levels <20dBA.
- 10000 Hours MTBF.



125-3593	High Flow, Twin Diaphragm	£89.00
125-3558	Revolution with EQI Driver	£179.00

MINIATURE SELF PRIMING PUMPS

- Self priming.
- CNC alloy machined construction.
- Maximum size 90 x 53 x 50 mm.
- Manifold mount options available.



125-3561	High Flow EQI Driver	£209.00
125-3591	Manifold EQI Driver	£259.00
125-3564	Brushless EQI Driver	£259.00
125-3562	High Pressure EQI Driver	£209.00
817-0731	MG1000 Brushless, High Flow	£177.58
817-0722	MG1000 Brushless, Peak Gears	£177.58

BRASS BALL VALVE WITH PNEUMATIC ACTUATOR

- Body and end cup made of hot pressed brass.
- Ball Brass chrome plated.
- Seat ring PTFE.
- Body seal PTFE.
- Stem Brass.
- O-ring NBR 70.



760-5602	1/4in, SR Actuator	£118.70
760-5611	1/2in, SR Actuator	£234.32
760-5589	1in, DA Actuator	£108.37
760-5609	1in, SR Actuator	£131.66
760-5595	2in, DA Actuator	£158.36
760-5615	2in, SR Actuator	£261.59
760-5570	3/4in, DA Actuator	£98.68
760-5605	3/4in, SR Actuator	£140.39

BALL VALVE WITH PNEUMATIC ACTUATOR

- ISO 5211 direct mount on valve.
- Nickel plated steel shaft.
- Single travel stop on one end.
- Minimum ambient temperature while actuator at rest: -35°C.



910-8513	1/4in	£151.50
910-8516	1in	£127.00
910-8522	2in	£289.87

STAINLESS STEEL BALL VALVE WITH PNEUMATIC ACTUATOR

- Body - CF8M - 316 S/S.
- Ball - 316 S/S.
- Stem Seal - PTFE.
- Ball Seal - PTFE.
- 1,000 PSI Rated.



760-5621	1/4in, DA Actuator	£112.83
760-5655	1/2in, SR Actuator	£146.22
760-5668	1in, SR Actuator	£183.56
760-5659	1in, SR Actuator	£151.29

BRASS BALL VALVE WITH ELECTRIC ACTUATOR

- Body and end cup made of hot pressed brass.
- Ball Brass chrome plated.
- Enclosure Rated Weather proof IP67.
- Multi voltage 24Vdc, 95-240Vac.
- Limit Switches 2 open/close SPDT, 250Vac 6A rating.
- Travel Angle 90°.
- Indicator LED lamp Indicator (Open/Close).



760-5687	1in, Elec. Actuator	£265.63
760-5693	2in	£312.09

ELECTRICALLY ACTUATED STAINLESS STEEL BALL VALVE

- Enclosure Rated: IP67
- Supplying Voltage Multi-Voltage (85-265Vac or 24Vdc)
- Limit Switches 2 x open/close SPDT, 250 Vac 6A rating
- Travel Angle 90 degree
- External Coating Polyester Powder Coating
- Base and Bore ISO5211 (F03/04/05) and 11mm Double Square



799-8834 1/2in	£323.05
799-8847 1in	£375.77

STAINLESS STEEL 3 WAY BALL VALVE WITH PNEUMATIC ACTUATOR

- 3 ways ball valves
- Body and ball: stainless steel 316
- Stem and ball seal: PTFE



799-8765 1 1/2in	£396.93
799-8768 1in	£244.85
799-8755 1/2in	£177.76
799-8774 2in	£523.12
799-8780 1in	£248.08

ELECTRIC ACTUATOR FOR QUARTER TURN VALVES

- Suitable for actuatable valves up to 1 1/4in, size (only for s.64 LT)
- Power supply 230Vac 50Hz / 24Vac 50-60Hz
- Operation time 20 to 25 sec
- Protection class IP65 comparable to NEMA 4X
- Direct mount on valve for perfect shaft alignment
- Visual position indicator
- Corrosion resistant plastic housing
- Actuator has successfully passed 100,000 cycle life tests

PNEUMATIC ACTUATORS

- Suitable for the moving or controlling of mechanisms or systems
- Position indicator
- NAMUR mounting



805-6036 D/Acting 2013NM 2057NL 2057NT	£41.29
805-6042 S/Acting S/Return for 2013NM	£60.17
805-6058 S/Acting Spring for 2013NM	£74.18

FITTING 90° ELBOW

- Stainless steel 316
- ASME B16.11
- Threaded and street versions



826-6927 1/2in, threaded	£13.54
826-6914 1in, threaded	£6.04
826-6924 1in, threaded	£29.21
826-6920 3/4in, threaded	£21.91
826-6918 3/8in, threaded	£8.21
826-6952 1 1/2in, street	£93.95
826-6946 1/2in, street	£17.27
826-6949 1in, street	£19.92
826-6964 2in, street	£178.27
826-6955 3/4in, street	£31.88
826-6942 3/8in, street	£15.35

FITTING THREADED TEE NPS

- Material: 316 Stainless Steel
- ASME B16.11
- Equal Tee female
- 10 Bar working pressure
- Ends BSPP female threads



826-6996 1 1/4in	£68.14
826-6970 1in	£17.54
826-6968 1in	£10.22
826-6983 1in	£47.82
826-6999 2in	£118.20
826-6974 3/4in	£28.91
826-6977 3/8in	£14.11

FITTING HEX HEAD PLUG NPS

- Male joints available in a range of sizes
- Material: 316 Stainless steel
- ASME B16.11



826-7043 1 1/2in	£18.60
826-7034 1 1/4in	£15.41
826-7028 1in	£3.96
826-7021 1in	£1.91
826-7030 1in	£8.80
826-7046 2in	£29.57
826-7037 3/4in	£5.42
826-7024 3/8in	£3.02



812-5198 230V 2Wires	£75.91
812-5208 230V 3Wires	£75.91
812-5214 24V 2Wires	£75.91
812-5217 24V 3Wires	£75.91

FITTING THREADED COUPLING NPS

- Designed for the joining of 2 pipes
- Material: 316 Stainless steel
- ASME B16.11



826-7018 1 1/2in	£36.14
826-7015 1 1/4in	£27.67
826-7009 1in	£6.88
826-6992 1in	£3.21
826-7006 1in	£16.58
826-7012 2in	£53.44
826-7002 3/4in	£9.94
826-6996 3/8in	£4.35

FITTING HEX NIPPLE NPS

- Used for connecting two fittings
- Male to Male joints
- Material: 316
- BS3799



826-7062 1 1/2in	£45.63
826-7068 1 1/4in	£34.91
826-7052 1/2in	£7.67
826-7040 1/4in	£4.70
826-7065 1in	£20.64
826-7071 2in	£69.71
826-7056 3/8in	£11.63
826-7059 3/4in	£5.29

FITTING THREADED UNION M/F (NPS)

- Male to female threaded unions available in a variety of sizes
- Material: 316 Stainless Steel
- MSS SP-83



826-7147 1 1/2in	£123.47
826-7131 1/2in	£42.95
826-7144 1in	£79.91
826-7150 2in	£150.65
826-7135 3/4in	£56.72

WELDING LINER

- Manufactured in accordance with DIN 11851
- Stainless steel 304



918-6172 Welding Liner Union DIN-14, DN15	£2.78
918-6197 Welding Liner Union DIN-14, DN40	£4.32
918-6156 Welding Liner Union DIN-14DA, DN50	£5.78
918-6178 Welding Liner Union DIN14DB, DN50	£5.78
918-6239 Welding Male Union DIN-15, DN15	£4.32
918-6248 Welding Male Union DIN-15, DN20	£4.72
918-6241 Welding Male Union DIN-15, DN25	£4.72
918-6204 Welding Male Union DIN-15DA, DN20	£4.80

FITTING HEX HEAD BUSHING NPS

- Hexagon male/female bushing with threads on the outside and inside
- Reduce from one pipe size to another
- Hexagon shaped head allows you to tighten using a wrench
- Material: 316
- ASME B16.11



826-7096 1 1/2in M/F	£19.15
826-7093 1 1/4in M/F	£16.44
826-7087 1/2in	£4.89
826-7074 1/4in	£3.68
826-7084 1in	£10.48
826-7090 2in	£27.49
826-7080 3/8in	£6.70
826-7078 3/4in	£4.16

DIN 11851 UNIONS (MM) - DIN-13R

- Designed for screw pipe connections
- Ideally suited for transfer of food, beverage and pharmaceutical particles



918-6103 DN15	£4.44
918-6106 DN20	£5.02
918-6100 DN25	£6.16
918-6119 DN32	£6.74
918-6112 DN40	£7.70
918-6116 DN50	£10.11

BLANK END CAP DIN14B

- Finished in Stainless steel 304
- Ideal for applications involving food and drinking water



FITTING THREADED UNION FF (NPS)

- Female to female threaded unions are easy to connect and disconnect
- Can be used in most plumbing and pipeline applications
- Material: 316 Stainless steel/MSS SP-83
- Engagement Class 2A/2B Fit ANSI B1.1



826-7122 1 1/2in	£69.50
826-7113 1 1/4in	£47.61
826-7107 1/2in	£21.47
826-7100 1/4in	£16.93
826-7119 1in	£39.95
826-7125 2in	£74.23
826-7116 3/8in	£28.36
826-7103 3/4in	£14.91

BLANK NUT WITH BOSS DIN-13RBN

- These hygienic fittings are manufactured from stainless steel 304
- Suitable for the pharmaceutical and the food and beverage industry



918-6131 DN40	£11.84
918-6134 DN50	£14.65

EPDM SEAL FOR DIN 11851

- Designed for screwpipe connections
- Ideally suited for transfer of food, beverage and pharmaceutical particles



918-6273 DN15	£4.68
918-6282 DN20	£5.20
918-6285 DN25	£5.72
918-6289 DN32	£6.24
918-6298 DN40	£6.76
918-6291 DN50	£7.28

EXPANDING LINER DIN-14R

- Manufactured in accordance with DIN 11851
- Stainless steel 304 straight fitting



918-6305	DN20	£3.56
918-6314	DN50	£6.36

IMPERIAL LINER DIN-14L

- Stainless steel 304 with an outer diameter of 50.8mm



918-6320		£5.68
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PUSH-ON STRAIGHT CONNECTOR

- Can be fitted quickly and simply by pushing the hose directly onto the connecting parts
- The ribbing of the ned connectors enables the hose to sit securely



795-376	12mm ID	£5.66
419-7300	4mm ID	£2.90
795-332	5mm ID	£3.78
795-348	6mm ID	£4.88
795-354	8mm ID	£7.32

PUSH-ON EQUAL TEE CONNECTOR

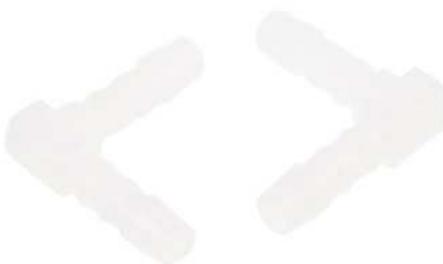
- Acetal Resin, non toxic, tough, lightweight,
- Good impact and wear resistance



795-427	10mm ID	£7.09
795-433	12mm ID	£8.28
795-449	19mm ID	£15.09
419-8123	4mm ID	£5.79
795-398	5mm ID	£6.66
795-405	6mm ID	£8.21
795-411	8mm ID	£11.05

PUSH-ON ELBOW CONNECTOR

- Deep moulded ribs, use hose clips for high pressure, positive sealing



795-455	5mm ID	£7.67
795-461	6mm ID	£8.55

PUSH-ON EQUAL Y CONNECTOR

- Can be fitted quickly and simply by pushing the hose directly onto the connecting parts
- Available in a range of sizes
- Acetal Resin, non toxic, tough, lightweight



795-540	10mm ID	£7.09
795-556	12mm ID	£8.95
419-7259	3mm ID	£6.56
795-512	5mm ID	£7.57
795-528	6mm ID	£9.12
795-534	8mm ID	£11.25

RELAYS & SWITCHES



149 SOLID STATE RELAYS

150 RELAYS

152 FOOTSWITCHES

155 SWITCHES

RS PRO is the only global brand that gives you every part you need across five industry categories at the quality and price you expect.

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SOLID STATE INTERFACE RELAY MODULES

- High switching frequencies
- Low control power
- 6.2 x 93 x 73 mm
- 24 V dc coil



888-6843	0.5A 60V	£42.83
888-6859	2A 30V	£65.69
888-6852	2A 60V	£66.92
888-6861	3A 30V	£95.69
888-6868	5A 30V	£70.79

SD06 DIN RAIL 11MM SOLID STATE RELAYS

- Fits standard 35 mm DIN rail
- Rated 6A
- AC or DC control



121-3885	Control 4-32Vdc output 1-60Vdc	£27.27
121-3888	control 4-32Vdc output 24-280Vac	£23.23
121-3886	Control 90-140Vdc output 24-280Vac	£25.25
121-3887	Control 200-280Vac output 24-280Vac	£23.23

SD20 DIN RAIL 22.5MM SOLID STATE RELAY

- Fits standard 35 mm DIN rail
- AC or DC control



121-3892	Control 4-32Vdc output 20A zero cross switching	£32.32
121-3891	Control 4-32Vdc output 20A random switching	£33.33
121-3890	Control 90-280Vac output 20A zero cross switching	£33.33
121-3889	Control 90-280Vac output 20A random switching	£34.34

SD30 DIN RAIL 22.5MM SOLID STATE RELAY

- Fits standard 35 mm DIN rail
- AC or DC control

**WG SERIES SOLID STATE RELAYS AC CONTROL 280V**

- Control voltage 90 - 280 V ac
- Load voltage 24 - 280 V ac
- Choice of random or zero cross switching



922-5003	10A random switching	£15.23
922-5025	10A zero switching	£28.78
922-5012	25A random switching	£24.95
922-5034	25A zero switching	£28.78
922-5015	45A random switching	£24.95
922-5037	45A zero switching	£29.50
922-5019	50A random switching	£28.78
922-5031	50A zero switching	£47.97
922-5028	75A random switching	£43.18
922-5040	75A zero switching	£47.97
922-5021	90A random switching	£43.18

WG SERIES SOLID STATE RELAYS DC CONTROL 280V

- Control voltage 3 - 32 V dc
- Load voltage 24 - 280 V ac
- Zero cross switching



922-4987	10A	£18.33
922-4996	25A	£18.45
922-4999	45A	£18.45
922-4993	50A	£25.91
922-5006	75A	£38.38
922-5009	90A	£38.38

WG SERIES SOLID STATE RELAYS DC CONTROL 480V

- Control voltage 3 - 32 V dc
- Load voltage 48 - 480 V ac
- Choice of random or zero cross switching



922-5047	10A random switching	£29.50
922-5069	10A zero switching	£43.18
922-5056	25A random switching	£29.50
922-5078	25A zero switching	£43.18
922-5053	50A random switching	£33.58
922-5075	50A zero switching	£43.18
922-5062	75A random switching	£43.18
922-5084	75A zero switching	£43.18
922-5065	90A random switching	£43.18
922-5087	90A zero switching	£43.18
922-5081	10A random switching	£43.18
922-5104	10A zero switching	£43.18
922-5090	25A random switching	£43.18
922-5113	25A zero switching	£23.47
922-5093	40A random switching	£43.18
922-5116	40A zero switching	£43.18
922-5097	50A random switching	£43.18
922-5110	50A zero switching	£43.18
922-5107	75A random switching	£47.97
922-5129	75A zero switching	£57.57
922-5100	90A random switching	£57.57
922-5122	90A zero switching	£57.57

WG SERIES THREE PHASE SOLID STATE RELAYS

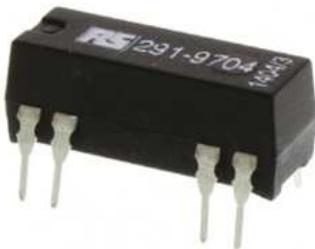
- Control voltage 3 - 32 V dc
- Load voltage 48 - 480 V ac
- Choice of random or zero cross switching



922-5126	10A random switching	£105.54
922-5132	10A zero switching	£105.54
922-5135	25A random switching	£105.54
922-5141	25A zero switching	£105.54
922-5138	45A random switching	£105.54
922-5144	45A zero switching	£105.54

SPDT DIP REED RELAY

- Low profile compact design
- Industry standard pin configurations
- Coil suppression diode across pins 2 and 6
- Operating temperature -20 to +70°C
- 0.25 A 5 V dc



291-9704	£5.44
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SPNO DIL RELAY

- Normally open contacts with 240 V ac mains switching capability
- Industry standard pin configuration
- Coil suppression diode across pins 2 and 6
- Operating temperature -20 to +70°C
- 0.5 A



291-9675	5Vdc	£3.44
291-9647	24Vdc	£4.32
291-9681	12Vdc	£3.43

MY4 SERIES NON LATCHING RELAYS

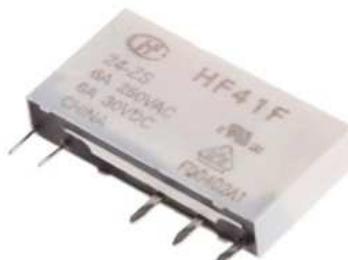
- Reliable and economical
- Operating temperature range: -55 to +70°C
- 4PDT
- Switching current: 5 A
- Through hole mount
- Approvals: UL, VDE, CSA



394-9093	24Vac	£5.19
394-9100	115Vac	£5.19
394-9116	240Vac	£5.51

SLIM RELAYS

- 5 mm width
- Wash tight
- 6 A through hole PCB mount



800-4546	SPST 5V	£2.17
800-4549	SPDT 5V	£2.48
800-4555	SPST 6V	£2.41
476-624	SPDT 6V	£3.47
800-4558	SPDT 12V	£2.41
476-634	SPDT 12V	£4.58
800-4552	SPST 24V	£2.47
476-630	SPDT 24V	£3.57
800-4542	SPDT 48V	£2.86

RKE SERIES 4PCO RELAYS

- 4 pole plug-in relays with LED indicator can be used to increase the functions in electrical enclosures, particularly useful for industrial applications, machine building and HVAC
- 5 A



3PDT NON LATCHING RELAYS 8-PIN

- Protected by a clear polycarbonate cover
- Socket mount
- Contact Rating is 10 A



348-756	12Vdc	£6.77
348-784	24Vdc	£6.77
349-327	24Vac	£6.77
348-778	115Vac	£6.77
348-762	230Vac	£7.26



121-7795	12Vdc	£6.30
121-7796	24Vdc	£5.60

RKF SERIES 4PCO RELAYS

- 4 pole miniature power relays with LED indicator can be used to increase the functions in electrical enclosures, useful for industrial applications, machine building and HVAC
- Rated 10 A



121-7797	12Vdc	£7.18
121-7798	24Vdc	£6.37
121-7799	24Vac	£7.39
121-7800	115Vac	£7.39
121-7801	240Vac	£6.59

RUB SERIES OCTAL RELAYS

- General purpose octal relays with LED indicator can be used to increase the functions in electrical enclosures, useful for industrial applications, machine building and HVAC
- Rated 10 A



121-7828	DPCO 12Vdc	£8.62
121-7829	DPCO 24Vdc	£7.97
121-7830	DPCO 24Vac	£8.35
121-7831	DPCO 110Vac	£8.35
121-7832	DPCO 240Vac	£7.71
121-7837	3PCO 110Vac	£9.48
121-7834	3PCO 12Vdc	£9.41
121-7835	3PCO 24Vdc	£8.77
121-7836	3PCO 24Vac	£9.48
121-7838	3PCO 240Vac	£8.84

RKL RELAY SOCKETS

- DIN Rail mount relay sockets
- Screw connection
- Supplied with metal retaining clip



121-7825	DPCO	£3.52
121-7826	3PCO	£4.41
121-7827	4PCO	£5.90

RKL SERIES RELAYS

- Miniature power relays with LED indicator can be used to increase the functions in electrical enclosures, useful for industrial applications, machine building and HVAC
- Rated 10 A



121-7804	SPCO 12Vdc	£6.23
121-7807	SPCO 24Vdc	£6.09
121-7806	SPCO 24Vac	£5.79
121-7808	SPCO 110Vac	£6.09
121-7809	SPCO 240Vac	£5.65
121-7810	DPCO 12Vdc	£6.23
121-7811	DPCO 24Vdc	£5.79
121-7812	DPCO 24Vac	£6.09
121-7813	DPCO 110Vac	£6.09
121-7814	DPCO 230Vac	£5.65
121-7815	3PCO 12Vdc	£9.35
121-7816	3PCO 24Vdc	£8.97
121-7817	3PCO 24Vac	£9.48
121-7818	3PCO 110Vac	£9.48
121-7819	3PCO 230Vac	£9.09
121-7820	4PCO 12Vdc	£10.63
121-7821	4PCO 24Vdc	£10.18
121-7822	4PCO 24Vac	£10.85
121-7824	4PCO 230Vac	£10.40

RKE/RKF RELAY SOCKETS

- DIN Rail mount relay sockets
- Screw connection
- Supplied with metal retaining clip



121-7803	Cage screw	£4.19
121-7802	Rising screw	£3.06

RUB RELAY SOCKETS

- DIN Rail mount relay sockets
- Screw connection
- Supplied with metal retaining clip



121-7839	8 pin 12A	£3.60
121-7841	8 pin 15A	£2.09
121-7840	11 pin 12A	£4.28
121-7842	11 pin 15A	£2.42

FOOTSWITCHES

AIR OPERATED HEAVY DUTY FOOT ACTUATOR

- A robust diecast foot actuator with a satin black finish
- Diamond cut surface affording good grip with anti-skid feet
- Supplied with 2 m of 9 mm diameter armoured air tubing



317-718 £53.17

AIR OPERATED FOOT ACTUATOR

- Black
- Standards EN 60950, EN 61058
- Supplied with 2 m of 3 mm bore PVC tubing



170-806 £29.04

HAND / FOOTSWITCHES

- Compact hand or foot operated switch made from tough flexible PVC
- Available with plastic base plate for permanent fixing
- IP67 double insulated
- 2 metre cable included



335-353 Red £24.81
335-404 Black £27.34

FOOT BELLOWS

- Air actuator moulded in PVC complete with bayonet action mounting plate and 2 m of PVC tube 3 mm bore



316-945	Black	£9.80
335-375	Red	£10.14
335-397	Grey	£10.23

ORANGE FOOTSWITCH GUARDS

- Heavy gauge rolled steel and welded construction
- Fitted with non-skid feet
- Entire foot switch is covered



116-726	Single	£38.07
116-782	Twin	£45.67

BLACK STEEL FOOTSWITCH GUARD

- Black mild steel guard with rubber feet



125-0870	£19.14
841-772	£83.25

MAINS OPERATED FOOTSWITCH

- SPDT, momentary footswitch with integral non-slip base pad
- Complete with 2 m of cable
- Contact rating 24 V ac/dc 3 A
- Sealed to IP67



LIGHT DUTY MAINS OPERATED FOOTSWITCH

- Low profile momentary action footswitch with a black plastic body
- Rear hinged switch design with raised tread pattern and anti-slip pad
- Supplied with 2 metres of cable
- SPNO contacts
- Electrical rating: 6 A 250 V ac/dc



HEAVY DUTY MAINS OPERATED GUARDED FOOTSWITCH

- Rugged heavy DPST latching footswitch
- Screw terminals and self-lifting clamp for connection of leads
- 3 A
- Sealed to IP67



HEAVY DUTY GUARDED FOOTSWITCHES

- Rugged heavy duty guarded foot switches
- Non-latching and alternate action versions which are guarded to prevent accidental operation
- Screw terminals and self-lifting clamp for connection of leads or wire up to 2 x 2.5 mm
- Sealed to IP67



208-3265	IP67 guarded double action	£165.31
211-0711	Single non-latching guarded	£92.02
211-0698	IP67 unguarded	£66.70
440-5566	Double Momentary with Guard	£273.14
228-2103	Potentiometer, 5K guarded	£182.40

MEDIUM DUTY FOOTSWITCHES

- Die-cast aluminium body
- Single pole momentary changeover contact rated at 240 V, 3 A
- 9 mm rubber gland cable entry
- Rating IPX2



321-060

£47.93

LIGHT DUTY FOOTSWITCHES

- Two metal cased foot switches with SPDT contacts
- Latching and non-latching versions
- Rated 250 V ac / 30 V dc at 3 A
- Incorporates non-slip base pad and footpad
- 2 m cable
- Sealed to IP40 or IP67



316-901	SPDT non-latching light duty	£25.86
316-939	SPDT latching light duty, 3A	£45.36
254-2348	Black robust metal, 3A	£32.08

HEAVY DUTY INDUSTRIAL FOOTSWITCHES

- Contact rating 20 A, 250 V ac
- "Alert Orange" cast iron body and pedal
- Sturdy aluminium shield for added protection
- Rated to IP56 and full shield
- M20 cable entry
- 3 holes for rigid mounting to floor to equipment



116-849 SPDT **£114.72**

116-827 DPDT **£137.30**

FS-1 SERIES FOOTSWITCHES

- Feature a slow action break before make SPDT contact with a prewired connecting cable
- IP68 Rated
- Galvanically separated contacts
- 2 m 18 AWG 3 wire cable
- Positive opening of NC contacts



122-2792 **£20.20**

ATLAS HEAVY DUTY FOOTSWITCH

- Contact rating 10 A 250 V ac DPDT snap action
- Orange cast aluminium construction
- "O" shield accepts oversized safety shoes
- Rated to IP68
- Single PG16 threaded conduit entry
- 3 fixing holes for floor or equipment mounting



116-776

£335.97

FS-4 SERIES FOOTSWITCHES

- Medium duty
- Robust glass fibre reinforced body
- Feature a slow action break before make SPDT contact
- IP68 Rated
- Galvanically separated contacts



122-2793

£42.42

AQUILINE FOOTSWITCHES

- Contact rating 15 A @ 250 V ac
- Rust and corrosion proof reinforced polymeric construction
- Non-skid base pad
- Rated to IP20



116-906

£12.86

FS-5 SERIES HEAVY DUTY FOOTSWITCHES

- Heavy-duty foot switches with protective guard cover
- Slow action break before make contact
- Sealed in a robust aluminium diecast body
- Treadle and housing constructed from cast iron for strength and durability
- IP65 Rated
- M20 Conduit



125-3710 Heavy duty

£99.50

125-3714 Industrial model

£99.50

FOOTSWITCHES

FS-6 SERIES FOOTSWITCHES

- With or without protective guard cover
- Feature a slow action break before make SPDT contact sealed
- Robust aluminium alloy diecast body
- IP65 rated
- Screw terminals with self-lifting clamps
- Positive opening of NC contacts



122-2790 No Guard	£55.55
122-2791 With Guard	£75.75
125-3712 Single pedal	£95.00
125-3711 Two-pedal, guarded	£195.00

FS-8 SERIES FOOTSWITCHES

- Lightweight foot switches
- Robust glass fibre reinforced plastic housing
- Feature a slow action break before make contact
- IP20 rated
- Galvanically separated contacts
- 15 A 250 V



125-3717 SPDT Momentary	£12.50
125-3709 SPDT Off-On	£17.00
125-3706 DPDT Momentary	£17.00

PLASTIC FOOTSWITCH COVER

- FS-81 series foot switch guard cover
- Glass fibre reinforced plastic
- 180 x 168 x 149 mm



125-3705	£15.50
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FSC-31 SERIES FOOTSWITCHES

- General purpose foot switches
- Robust zinc die cast body
- Feature a slow action break before make SPDT contact
- IP20 rated



125-3708 Single switch	£54.00
125-3719 Twin switch	£87.00

SINGLE AXIS JOYSTICK CONTROLLERS

- Constructed from a conductive plastic that is optimised for a long life and an anodised aluminium precision machined body
- Noise free output due to the use of a precious metal wiper
- Resistance range of 5 kΩ
- 1 W power rating at 70°C



842-7163 Single axis	£77.00
842-7172 TWO axis	£86.62
842-7175 TWO axis PB	£97.78

AUTOMOTIVE IGNITION SWITCH

- Provides keyed 4 position switching for 'Off', 'Accessory', 'Ignition' and 'Start'
- 'Start' positions are biased and keys are removable in the 'Off' position only
- Supplied with connectors and two keys



325-4878 Unsealed	£39.94
325-4862 Sealed	£73.54

BATTERY ISOLATION SWITCHES

- Provides simple and effective disconnection of battery banks from equipment for safety, security, servicing or operation
- Panel mounted metal casing for excellent durability
- 4 way



325-4856	£42.98
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IP65 KEY SWITCHES - ADA16K

- Sub-assembled, modular construction, alternate action, key switches
- Designed to fit industry standard 16 mm diameter cut-outs in panels with a thickness between 0.5 and 5 mm
- Can be fitted to any of the contact blocks allowing various combinations of switching



745-2439 2 way	£6.14
745-2433 1 way	£5.96

19MM ANTI-VANDAL KEY LOCK SWITCHES

- 5 A rating, impact resistance rating of IK03, front panel protection rating IP40
- Switch body and button are constructed from varnished stainless steel
- Electrical life: 50,000 make and break operations at full load
- Panel cut-out diameter: 19.2 mm
- Keys can be removed in all positions



877-1949	Maintain 1NO1NC	£10.99
877-1943	Maintain 2NO2NC	£12.45
877-1999	2 Position Momentary SPDT	£12.68
877-1993	2 Position Momentary DPDT	£13.24
877-2006	3 Position Maintain SPDT	£12.68
877-2009	3 Position Maintain DPDT	£13.10
		804-6186 £59.63

30MM ANTI-VANDAL KEY LOCK SWITCHES

- 5 A rating, impact resistance rating of IK03, front panel protection rating IP40
- Switch body and button are constructed from varnished stainless steel
- Electrical life: 50,000 make and break operations at full load
- Panel cut-out diameter: 30.2 mm
- Keys can be removed in all positions



877-1905	2 Position Maintained SPDT 12V	£20.07
877-1898	3 Position Maintained DPDT 12V	£18.74
877-1909	2 Position Maintained SPDT 24V	£17.20
877-1915	2 Position Maintained DPDT 24V	£18.75
877-1918	2 Position Maintained SPDT 220V	£20.07
877-1924	2 Position Maintained DPDT 220V	£18.75
877-1946	2 Position Momentary DPDT 220V	£22.75
		797-2551 Button actuator £5.30
		797-2555 Lever actuator £5.70

MINIATURE DOOR INTERLOCK LIMIT SWITCH

- The switch is suitable for door interlocking and automatic control functions
- Long overtravel plunger with snap-action operation
- Quick connect terminals for easy wiring
- SPDT-NO/NC, 6 A rating
- Electrical and mechanical life of 1,000,000 operations



804-6231	£5.02	797-2501 Plunger, IP54 £20.68
		797-2498 Lever roller, IP54 £25.82
		797-2494 Roller plunger, IP40 £24.18
		797-2508 Plunger Pre-wired, IP54 £26.82
		797-2542 Plunger actuator £5.87
		797-2549 Short roller actuator £12.83

METAL HOUSED MICRO SWITCH

- Metal housed 15 A 250 V rated, snap action micro switches
- Single pole changeover contacts, NO/NC
- Insulated terminal cover plate
- Rated to 1,000,000 operations

**IP67 C/O MICROSWITCH**

- Pre-wired fully sealed single pole changeover switch
- Glass fibre reinforced nylon enclosure, fully sealed to IP67
- Pre-wired lead length: 0.5 m
- 5 A @ 250 V ac
- Mechanical life: 1000000 operations



SWITCHES

ATEX MINIATURE MICRO-SWITCH

- Environmentally sealed in epoxy and enclosed in a corrosion resistant aluminium housing, with stainless steel pin plunger with silicone rubber seal
- May be used in areas specified in zone 2 of BS5501
- Complete with 300 mm PTFE covered leads
- Operating temperature range: -62°C to +80°C
- 7 A, 250 V ac rating



468-3851

£189.97

STAINLESS STEEL PUSH BUTTONS

- IP67 rated
- Short design, allowing installation into space-restricted applications
- Silver plated copper contacts, for a firm connection
- Available in a range of operations, colours, voltages



MINIATURE PUSH BUTTON SWITCHES

- Available with solid black or illuminated water clear actuator
- Illuminated colour variants include blue, green, yellow, white and red
- A dual colour version of blue and green is also available
- Gold plated copper alloy contacts, rated to 100 mA @ 30 V dc
- 8 mm panel cut out



ULTRA MINIATURE MICROSWITCH

- Actuator types supplied as a basic switch plus unfitted actuator kit with fixing hardware
- SPDT silver-plated contacts
- Contact Rating: 7 A (Resistive); 4 A (Inductive), 250 V ac; 28 V dc
- Operating temperature range: -54 to +121°C



333-316	Lever	£14.08
333-300	Leaf	£22.32
333-322	Roller leaf	£18.71

16 MM & 22 MM PUSH BUTTON FLIP GUARDS

- These flip guards have been designed for use with push buttons that have a panel cut-out of either 16 mm or 22 mm
- Options include body shape, mounting style and the choice of either 90° or 180° opening



905-9840	16mm 90° Square/Round	£4.36	734-6716	SPDT Red	£3.24	745-2442	£17.04
905-9859	16mm 90° Rectangular	£4.62	734-6710	SPST/NC Red	£3.28		
905-9846	16mm 90° Square	£4.36	820-7599	SPST/NO Red	£3.24		
905-9830	16mm 180° Square/Round	£4.36					
905-9834	16mm 180° Rectangular	£4.62					
905-9843	16mm 180° Round	£4.36					
905-9828	22mm	£5.11					



STAINLESS STEEL PUSH BUTTON SWITCH - FLUSH ACTUATOR

- Cost effective, durable range of panel mounting options suitable for a wide range of applications
- Choice of coloured LED rings for status identification
- IP65 rated
- Silver alloy contacts for great conductivity, 2 A rating
- 12 mm cut-out



111-6526	12V Blue	£8.05
111-6528	12V Green	£8.05
111-6530	12V Red	£8.05
111-6532	12V White	£8.05
111-6534	12V Yellow	£8.05
111-6527	24V Blue	£8.05
111-6529	24V Green	£8.05
111-6531	24V Red	£8.05
111-6533	24V White	£8.05
111-6535	24V Yellow	£8.05

ANTI-VANDAL 22MM PUSH BUTTON SWITCH

- Designed to withstand physical attack and suitable for any application that requires above panel resistance to water and dust ingress such as public kiosks, outside panels or open dashboards
- Stainless steel construction
- IP65 above panel protection
- Momentary action SPDT
- 5 A @ 250 V ac



811-8480	£8.00
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ANTI-VANDAL 22MM PUSH BUTTON SWITCH - ILLUMINATED

- Designed to withstand physical attack and suitable for any application that requires above panel resistance to water and dust ingress such as public kiosks, outside panels or open dashboards (IP67)
- Stainless steel construction with illuminated ring
- Momentary action SPDT
- 5 A @ 250 V ac
- Choice of 12 V or 24 V LED options



811-8534	12V Blue	£15.86
811-8499	12V Green	£17.23
811-8544	12V Red	£15.86
811-8538	24V Blue	£15.86
811-8540	24V Green	£15.86
811-8553	24V Red	£15.86

ANTI-VANDAL 16MM PUSH BUTTON SWITCHES

- Designed to withstand physical attack and suitable for any application that requires above panel resistance to water and dust ingress such as public kiosks, outside panels or open dashboards
- Stainless steel construction
- Ring illumination in a choice of 5 colours
- 12 V or 24 V led options
- IP67 above panel protection



811-8437	12V Blue	£9.75
811-8446	24V Blue	£9.75
811-8449	12V Green	£9.75
811-8443	24V Green	£9.75
811-8452	12V Red	£9.75
811-8455	24V Red	£9.75
811-8459	12V White	£9.75
811-8468	24V White	£9.75
811-8461	12V Yellow	£9.75
811-8465	24V Yellow	£9.75

STAINLESS STEEL PUSH BUTTON SWITCH - RAISED ACTUATOR

- Cost effective, durable range of panel mounting options suitable for a wide range of applications
- Cost effective product without compromise on premium construction
- 12 mm diameter, IP65 rated
- Offered with various coloured LED rings and LED Voltages
- Silver alloy contacts for great conductivity (latching)
- Designed for use in harsh environments, both internal & external



111-6511	12V Blue	£8.05
111-6513	24V Blue	£8.05
111-6512	230V Blue	£8.05
111-6514	12V Green	£8.05
111-6516	24V Green	£8.05
111-6515	230V Green	£8.05
111-6517	12V Red	£8.05
111-6519	24V Red	£8.05
111-6518	230V Red	£8.05
111-6520	12V White	£8.05
111-6522	24V White	£8.05
111-6521	230V White	£8.05
111-6523	12V Yellow	£8.05
111-6525	24V Yellow	£8.05
111-6524	230V Yellow	£8.05

SWITCHES

31.5X18.5MM ROCKER SWITCHES

- SPST rocker switches, available in black, red spot or red illuminated versions
- Panel cut out 27.8 x 13.8 mm
- Fitted with 6.35 mm blade style terminals
- Snap-in mounting, easy to install into panels with 0.75 mm to 3 mm thickness
- Nylon Housing to UL 94V-2 with silver plated brass terminals
- Illuminated version with 220 - 250 V ac neons



419-738	Black, SPST	£2.55
419-700	Black with Red Spot,SPST	£1.06
419-766	Illuminated, SPST,220-250V neon	£2.65

CIRCULAR ROCKER

- Round rocker switches with matching indicators
- Contact rating 6 A @ 250 V ac / 10 A @ 125 V ac
- Fitted with 4.8 mm blade style terminals
- Fit in 20.6 mm panel hole
- Snap-in mounting, easy to install into panel
- Nylon housing and rocker to UL 94V-2
- Electrical life of more than 10000 cycles



793-2541	White SPNO momentary round O/I	£2.02
793-2550	Black SPDT centre-off momentary	£2.24
793-2553	Indicator 12V red	£1.09
793-2557	Indicator 12V green	£1.18
793-2563	Black SPST I/O	£2.50
793-2566	Indicator 220V red	£1.16
793-2575	Black DPST round I/O	£2.55
914-3550	Black SPDT I-O-II centre-off	£3.04

21X15MM MINIATURE ROCKER SWITCHES

- Miniature SPST rocker switches, available in a wide variety of markings and colour options
- Panel cut out 19.2 x 13 mm
- Fitted with 4.8 mm blade style terminals (except stock no. 419-726 which has solder tag terminals)
- Snap-in mounting, easy to install into panel
- Nylon Housing to UL 94V-2 with silver plated brass terminals



419-726	SPNO Black, on-off	£4.38
419-732	SPST Black, on-off-on	£2.99
419-744	SPNO Black, 0/I marking, on-off	£4.99
419-748	SPNO Red, 0/I marking, on-off	£5.14
419-750	SPST Red, 0/I marking, on-off	£3.06
419-754	SPST Black, 0/I marking, on-off	£5.14
419-798	SPNO White/black, 0/I marking, on-off	£5.71
419-794	SPNO Red/black, 0/I marking, on-off	£3.06
419-782	SPDT Red illum.,220-250V neon, on-off-on	£2.55
419-788	SPDT Green illum.,220-250V neon, on-off-on	£1.18

CIRCULAR ROCKER ILLUMINATED SWITCHES (DC & AC)

- Single pole on-off (SPNO) round illuminated rocker switches
- Snap-in mounting
- Panel cut-out: 19.4 mm
- Electrical life: 10000 cycles
- Insulation resistance 100 MΩ min at 500 V dc



273-003	Red illuminated rocker switch, 12Vdc	£2.02
273-025	Red illuminated rocker switch, 24Vdc	£1.85
273-312	Green illuminated rocker switch, 12Vdc	£2.04
273-019	Green illuminated rocker switch, 24Vdc	£2.55
273-299	Red illuminated rocker switch, 250Vac	£2.53
273-306	Green illuminated rocker switch, 250Vac	£2.50

BATTERY ISOLATION SWITCH

- These battery isolation switches are perfect for automotive, traction and marine applications
- Each switch provides simple and effective disconnection of battery banks from equipment for safety, security, servicing or operation
- Panel Mounting : 30 mm hole
- Metal casing for excellent durability



733-5653	Heavy duty battery isolation switch,315A	£56.31
325-4840	Med. duty battery isolation switch,100A	£16.79

ROTARY VOLTAGE SELECTOR

- A rotary action two-position voltage selector switch designed to select between series (240 V) and parallel (120 V) operation of twin primary transformers
- Square bezel to provide full compatibility with the RS Pro 13 mm fuse holders
- Suitable for use in Class II equipment
- Connection via solder terminals



450-8968		£5.03
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IP65 PANEL SELECTORS & SWITCHES

- A range of 16 mm Rotary selector and keyswitches that offer IP65 protection
- Rotary switches which are available in a choice of red, green or blue (front indicator arrow)
- Mechanical lifetime of over 25,000 operations
- Contact rating 5 A at 250 V ac



820-0463	Switch 3 position	£12.23
820-0469	Switch 2 position	£11.59
820-0472	Switch 3 position, illumin. Blue 24V	£14.47
820-0475	Switch 3 position, illumin. Green 24V	£14.47
820-0479	Switch 3 position, illumin. Red 24V	£14.47
820-0466	Switch Emergency Stop Illuminated	£15.16
905-9852	Contact block 1NO+1NC+1NO+1NC	£5.59

ANTI-VANDAL IP67 ROTARY SELECTOR SWITCH - (19 MM)

- Anti-vandal selector and keylock switches of stainless steel construction that features IP67 above panel protection and an IK02 resistance to striking energy of 0.2 joules.
- Available with red, green or blue illumination and a choice of 12 V, 24 V and 220 V rated LEDs.
- Mechanical Life: 50000 cycles without load
- Illuminated switch function arrow - on-on.



877-1971	Rotary selector 19mm Green 24V	£13.02
877-1980	Rotary selector 19mm Green 220V	£13.02
877-1977	Rotary selector 19mm Green 12V	£13.02
877-1983	Rotary selector 19mm Blue 12V	£14.78
877-1987	Rotary selector 19mm Blue 24V	£14.78
877-1996	Rotary selector 19mm Blue 220V	£14.78
877-1974	Rotary selector 19mm Red 220V	£11.88
877-1961	Rotary selector 19mm Red 12V	£13.02
877-1965	Rotary selector 19mm Red 24V	£13.02

MICRO MINIATURE SLIDE SWITCHES

- PCB mounting; 2.54 mm terminal spacing switches in vertical or right angle styles
- Right angle versions have two additional support pins
- Phosphor bronze gold plated contacts
- May be interchanged with ultra-miniature toggle switches
- Mechanical life: 100,000 operations
- Brass actuator and flame retardant Polybutylene Terephthalate (PBT), glass filled UL94-V0 case



429-482	SPDT right angle PCB mount slide switch	£1.80
429-492	DPDT right angle PCB mount slide switch	£5.11
429-498	SPDT vertical PCB mount slide switch	£4.39
429-509	DPDT vertical PCB mount slide switch	£5.00

ULTRA MINIATURE SLIDE SWITCHES

- Suitable for wave soldering at 260°C for 5 seconds
- Contacts rated 3 A @ 120 V ac
- Black nylon actuator, DAP case and tin plated brass housing
- Typical applications include PCB control for hand held products, instrumentation, consumer goods, medical, IT and telecomms equipment



734-7252	DP on-off-on PC thru-hole	£2.87
734-7261	SP on-none-on PC thru-hole	£2.55
734-7264	SP on-off-on PC thru-hole	£2.60
734-7268	SP on-off-on PC thru-hole	£2.55
734-7277	SP on-off-on right angle	£1.80
734-7270	DP 7.24 high PC thru-hole	£2.55
7347-274	DP 7.24 high right angle	£1.73
734-7280	DP 5.08 high PC thru-hole	£2.55
734-7283	DP 7.24 high vertical RA	£2.55
734-7286	DP 3.56 high vertical RA	£1.90
734-7292	SP 5.08 high PC thru-hole	£2.55
734-7296	SP 5.08 high right angle	£2.55
734-7299	SP 5.08 high angle	£1.80
734-7303	SP 5.08 high v-bracket	£1.63
734-7306	SP 5.08 high vertical RA	£1.56
734-7309	SP 5.08 high vertical RA	£1.73
734-7312	SP 5.08 high solder lug	£2.55
734-7315	SP 7.24 high v-bracket	£1.63
734-7319	SP on-none-on PC thru-hole	£2.55
734-7321	SP 7.24 high vertical RA	£2.55
734-7328	SP 3.56 high solder lug	£2.55
734-7334	SP on-off-on PC thru-hole	£2.55

MINIATURE PANEL MOUNT TOGGLE SWITCHES

- Complete range of 2 pole panel mount and PCB miniature toggle switches
- Epoxy sealed terminals prevent contamination during soldering
- Chrome plated brass actuator
- Dialyl Phthalate (DAP) case (UL94V-0)
- Silver contacts



394-419	2P on-on short flat lever toggle switch	£4.67
394-421	2P on-off-on solder tag toggle switch,2A	£4.94
394-425	2P on-on-on short flat lever switch	£4.54
394-431	2P on-on large lever toggle switch	£8.16
394-437	2P on-off-on large lever toggle switch	£8.70
394-447	2P (on)-off-(on) large lever toggle sw	£8.71
394-453	2P on-on long flat lever toggle switch	£5.75
394-469	2P on-off-on long flat lever switch	£5.42
394-475	2P on-on solder tag toggle switch,2A	£4.91
401-680	2P on-on PCB pin toggle switch,2A	£2.55
401-692	2P on-off-on PCB pin toggle switch,2A	£2.55
734-7016	2P on-none-on solder lug	£2.55
734-7022	2P on-none-on,solder lug	£2.55
734-7025	2P on-none-on,PC thru-hole	£2.55
734-7028	2P vertical right angle	£2.55
734-7031	2P on-none-on,PC thru-hole	£2.55
734-7034	2P on-none-mom,PC thru-hole	£2.45
734-7038	2P on-off-on,solder lug	£2.55
734-7040	2P on-off-on,vert RA,PCTH	£1.86
734-7044	2P mom-off-mom,solder lug	£1.77
734-7047	2P on-off-on,solder lug	£2.55
734-7050	2P on-on-on,solder lug	£3.26
734-7053	2P on-on-on,solder lug	£3.03
734-7056	2P on-on-on,v-bracket	£2.38
734-7069	2P right angle,PC thru-hole	£2.52
394-459	1P on-on solder tag toggle switch,2A	£3.16
734-7062	Toggle switch,SPon-none-on,solder lug	£1.55
401-703	1P on-on PCB pin toggle switch,2A	£1.84
734-7088	Toggle switch,SPon-none-on,solder lug	£2.48
734-7154	Toggle switch,SP10.41high flat threaded	£2.24

COMMERCIAL TOGGLE SWITCHES

- Commercial grade toggle switches with silver contacts
- Solder tag terminals
- Suitable for moderate duty applications
- Brass actuator and Dialyl Phthalate case



448-0747	SPDT on-on solder tag toggle switch 5A	£6.24
448-0753	SPDT on-off-on silv contact toggle switch	£10.52
448-0769	DPDT on-on solder tag toggle switch 5A	£10.60
448-0775	DPDT on-off-on solder tag tswitch 5A	£10.80

WASHABLE TOGGLE SWITCHES

- Vertical and two types of right angle terminations available
- Suitable for signal switching applications
- Gold plated contacts
- Epoxy terminal sealed to withstand board cleaning processes
- Black Nylon actuator and Glass Filled Nylon case



IP67 SEALED MINIATURE TOGGLE SWITCHES

- These full sealed switches feature a double shell case for added mechanical strength and high electrical insulation
- The switches have a two 'O' ring frontal seals that maintain the seal during operation
- The rear of the switch is also fully sealed allowing full protection from flowing water
- The contacts are suitable for both low level switching (10 mA 50 mV - 10 µA, 5 V dc minimum) and power applications (3 A @ 250 V ac)



PROFESSIONAL GRADE TOGGLE SWITCHES

- Slow make-and-break action switches ideal for low voltage or current applications, such as audio or video signals
- Chrome-plated lever
- Solder bucket terminals
- 0.4 VA max load
- Glass filled polyester case



316-995	4P on-on silver contact toggle switch,6A	£8.58
316-973	1P on-on silver contact toggle switch,6A	£5.09
317-572	1P on-on Au contact locklever switch	£8.62
317-005	1P on-off-on silv contact toggle switch,6A	£5.05
316-989	2P on-on silver contact toggle switch,6A	£5.70
317-588	2P on-on Au contact lever switch,6A	£15.01
344-710	2P on-on-on silver contact toggle switch	£10.90
317-178	2P (on)-off-(on) toggle switch,6A	£8.34

19MM TOUCH SWITCHES

- IP68 sealed touch switches available in a choice of colours and illumination options
- An auto calibration function ensures the switch adapts to changing environments
- Ideal for the food and medical industry as a gloved hand will activate the switch
- The impact resistance is rated at IK02 for the switch face (PC) plastic parts and IK10 for metal face parts
- Wire length: 300 mm
- Electrical life: 1000000 cycles at full load
- UV resistance: UVA / UVB



820-0504	12mm on-on IP67	£7.30
820-0508	12mm on-momentary IP67	£7.61
820-0517	12mm on-off-on IP67	£7.61
820-0510	12mm (on)-off-(on) IP67	£7.75
820-0514	12mm on-off-momentary IP67	£7.75
820-0523	12mm on-on-on IP67	£8.13
820-0526	12mm (off)-on-(off) IP67	£8.43
820-0542	12mm on-on IP67	£7.30
820-0539	12mm on-on IP67	£7.30
820-0551	12mm on-momentary IP67	£7.61
820-0532	12mm on-momentary IP67	£7.61
820-0554	12mm on-on IP67	£7.61
820-0536	12mm on-off-on IP67	£6.91
820-0558	12mm (on)-off-(on) IP67	£7.75
820-0567	12mm on-off-momentary IP67	£6.79
820-0548	12mm on-off-momentary IP67	£5.25

823-2735	White blue	£24.00
823-2725	Red green	£28.49
823-2794	Green spot, red	£28.49
823-2750	Blue momentary	£28.49
823-2769	Green momentary	£28.49
823-2779	Red momentary	£23.30
823-2729	Red green	£24.00
823-2763	Green momentary	£24.27
823-2788	Red momentary	£28.49
823-2791	Green spot red	£16.64
823-2757	Blue latching	£28.49
823-2741	White blue	£24.00
823-2766	Blue latching	£28.49
823-2775	Green latching	£28.49
823-2785	Red latching	£28.49

CONNECTORS & TERMINALS



162 AUDIO & VIDEO CONNECTORS

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170 SOCKETS & EXTENSIONS

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197 TERMINAL BLOCKS

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RS PRO is the only global brand that gives you every part you need across five industry categories at the quality and price you expect.

AUDIO & VIDEO CONNECTORS

XLR CONNECTOR SEALING GASKETS

- Gaskets are for sealing and colour coding XLR connectors
- Each gasket comes complete with two small brass spacers to aid gasket seating and sealing function
- The gasket fits Cliff Electronics XLR family, ClifIcon™ range, and other XLR connectors
- Sold in pack of 5



HDMI SINGLE FACEPLATE

- This is a single gang sized faceplate with either 1 or 2 HDMI connectors
- The faceplate comes with female connectors at the front and male connectors on the opposite end of the cable
- These are ideal for you to connect a range of devices while running cables behind walls
- Fits standard size electrical back boxes



862-1541	Black	£7.75
862-1551	Yellow	£7.75
862-1554	Grey	£6.46
862-1545	White	£7.75
862-1563	Blue	£7.75
862-1557	Green	£7.75
862-1560	Red	£7.75

919-4050	Single HDMI with a 5m cable	£14.10
919-4062	Single HDMI with a 10m cable	£23.15
919-4066	Single HDMI with a 15m cable	£41.40
919-4069	Single HDMI with a 7m cable	£23.95
919-4075	Single HDMI with a 20m cable	£56.40
919-4078	Single HDMI with a Stub 22cm Cable	£7.28
919-4072	Dual HDMI with a 5m cable	£23.92
919-4084	Dual HDMI with a 10m cable	£42.12
919-4090	Dual HDMI with a stub cable	£12.04

COMBINED HDMI & VGA FACEPLATE

- The HDMI/VGA faceplate has female connectors on the front allowing you to connect a range of devices while running cables behind walls
- The single gang unit fits standard-size electrical back boxes
- Stub terminates with a female socket; others have male connector



COMBINED HDMI/SVGA/USB FACEPLATE

- A combined HDMI/VGA/USB faceplate with female connectors on the front allowing you to connect a range of devices while running cables behind walls
- The single gang unit fits standard-size electrical back boxes.
- Stub terminates with a female socket
- Other lengths have a male connector at the end

919-4038	5m Cable	£32.97
919-4047	7m Cable	£44.28
919-4040	10m Cable	£47.12
919-4044	15m Cable	£72.05
919-4053	20m Cable	£92.87
919-4056	Stub	£16.32

XLR FORMAT DUST CAP & GASKET

- A sealing cover designed to fit with XLR chassis USB gender change feed through sockets
- The black rubber cap prevents dust ingress and mis-mating when the connector is unmated.
- Only compatible with 862-1579 USB A to B Socket
- Only compatible with 862-1573 USB B to A Socket



COMBINED HDMI & VGA FACEPLATE

- The HDMI/VGA faceplate has female connectors on the front allowing you to connect a range of devices while running cables behind walls
- The single gang unit fits standard-size electrical back boxes
- Stub terminates with a female socket; others have male connector



FEEDTHROUGH CONNECTORS IN XLR SHELL

- Metal bodied feedthrough connectors in robust nickel plated zinc XLR shells with universal 23.6 mm diameter panel cut out
- The rugged HDMI A type connectors and USB 2.0 connectors, and choice of BNC
- The metal feed through connectors are suitable for front or rear panel mounting



919-4016	5m Cable	£30.35
919-4025	7m Cable	£41.70
919-4028	10m Cable	£44.52
919-4022	15m Cable	£68.47
919-4031	20m Cable	£90.28
919-4034	Stub 22cm Cable	£12.38
124-6388	HDMI A-A	£6.46
124-6389	Firewire	£4.80
124-6390	50 ohm BNC	£5.00
124-6391	75 ohm BNC	£5.50
124-6392	USB A - USB B Black	£4.00
124-6393	USB B - USB A Black	£4.00

3.5MM PLUGS & SOCKETS

- A choice of various mono and stereo 3.5mm audio connectors.
 - Contacts are nickel plated unless otherwise stated
 - Pack size (pk) quoted



106-868	Mono Insulated Jack Plug (10pk)	£6.96
106-874	Chassis mount jack socket (5pk)	£3.15
392-615	Stereo Metal In-line Jack Socket (10pk)	£9.77
392-643	Stereo Cable Mount Insulated Plug (5pk)	£4.68
392-649	Stereo Cable Mount Screened Plug (5pk)	£5.86
913-1027	Panel Jack Socket, Cream (5pk)	£3.20
907-5680	Vertical Jack Socket, Black (5pk)	£2.83
395-1131	Stereo Metal Jack Plug, Gold Plated (ea)	£1.27
395-1119	Stereo Metal Jack Plug (ea), Black	£1.00
913-1015	Stereo Metal Jack Plug (ea), Silver	£6.55

1/4" PLUGS & SOCKETS

- A choice of various mono and stereo
¼" 6.35mm audio connectors
 - Contacts are nickel plated unless otherwise stated
 - Pack size (pk) quoted



913-1049	Stereo Jack Socket (5pk)	£6.00
913-1046	Mono Jack Socket (5pk)	£5.00
913-1043	Mono Jack Socket (5pk)	£7.30
913-1033	Vertical Socket (PCB) (5pk)	£6.45
392-609	Mono Insulate Jack Plug (5pk)	£7.83
392-665	Stereo Insulated Jack Plug (5pk)	£11.06

2.5MM AUDIO SOCKETS

- Mono Audio Socket



913-1024	Panel mount	£2.80
913-1005	PCB mount	£3.21

PCB CLOSED TERMINAL HEADER

- Polarised mouldings
 - 5.08mm Pitch
 - Molded in green UL94-V0 flame retardant PA66
 - Guided pin alignment
 - UL & VDE approved



144-4347	2 pole	£1.74
144-4349	3 pole	£2.60
144-4351	4 pole	£3.47
144-4353	5 pole	£2.17
144-4355	6 pole	£2.60
144-4287	7 pole	£3.04
144-4302	8 pole	£3.47

PCB DC SOCKET

- PCB mounting contacts
 - Supports 2.1mm/2.5mm DC power connectors



PCB PLUG IN WITH SCREW TERMINALS

- Pluggable connectors
 - 5.08mm Pitch
 - Polarised mouldings and guided pin alignment
 - Moulded in green UL94-V0 flame retardant PA66
 - 1.5mm² (28-14AWG) solid & stranded cable
 - Captive screws
 - UL & VDE approved



144-4315	2 pole	£3.48
144-4325	3 pole	£1.04
144-4332	4 pole	£1.39
144-4338	5 pole	£1.74
144-4343	6 pole	£2.09
144-4279	7 pole	£2.44
144-4284	8 pole	£2.79

4 POLE JACK 3.5MM

- Solder Tags



805-1652	Plug	£9.03
805-1655	PCB	£3.97

2-POLE MONO JACK PLUG

- This 2 pole mono right angle jack plug has a cable clamp and solder connection
- Built with a robust and durable metal housing



548-9177	£2.69
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3.5MM PCB CHASSIS MOUNTING SOCKET

- Enclosed chassis socket



913-1055	Straight hex nut	£2.83
913-1052	Straight ring nut	£2.83
476-328	Right angle	£6.97
913-1030	Stereo with nut	£6.94
913-1009	Stereo 3 pole	£3.60
913-1021	Stereo 5 pole	£3.00
477-567	N/O	£11.30
477-573	N/C	£14.80

PCB JACK SOCKET

- Right angle jack socket has tin plated pin contacts for PCB mounting



913-1011	3.5mm Mono	£5.25
913-1018	3.5mm Stereo	£8.25
913-1037	6.35mm 3 pole stereo	£6.00

PANEL MOUNT SOCKETS

- For 6.35mm Jack
- Available in 'open' or 'closed' switch contact variants
- Suitable for a mounting hole of 11.4 mm diameter
- 2 way



OFFSET JACK SOCKET

- ¼ Inch jack socket has a chassis-grounding contact to ensure low noise signals



XLR FORMAT PHONO CONNECTORS

- Phono feed through connector allows you to securely connect phono jacks through an XLR format chassis
- Suitable for wall plugs and rack mounting



898-7621	Yellow countersunk mounting hole	£5.20
898-7630	Yellow plain mount hole	£5.20
898-7624	White countersunk mounting hole	£5.20
898-7627	White plain mounting hole	£5.20
898-7611	Red countersunk mounting hole	£5.20
898-7615	Red plain mounting hole	£5.20
907-5671	White metal face countersunk mounting hole	£7.26
907-5674	Yellow metal face countersunk mounting hole	£7.26

XLR CABLE MOUNT CONNECTORS

- High reliability audio connectors suitable for use in professional applications
- Integral cable clamps and strain reliefs
- Interchangeable with most die-cast zinc/aluminium body 'X' series connectors



457-891	3 way socket	£2.00
457-875	3 way plug	£2.28
457-885	4 way socket	£2.00
457-869	4 way plug	£2.00
457-970	5 way socket	£5.51
457-914	5 way plug	£4.17

XLR PANEL MOUNT CONNECTORS

- AXR/XLR compatible universal panel mounting connectors
- Common panel cut out for both plug and socket versions
- Available in black chrome finish



457-942	3 way socket	£3.16
457-936	3 way plug	£2.96
457-932	5 way socket	£4.68

XLR METAL CABLE MOUNT CONNECTORS

- Metal cable mounting plugs and sockets with plastic backshells
- Incorporated with an anti-vibration collar these are interchangeable with the standard and universal chassis mount plugs and sockets



457-904	3 way plug	£2.28
457-908	4 way plug	£2.00
457-986	5 way plug	£4.62
458-024	3 way socket	£2.41
458-014	4 way socket	£3.94
457-964	5 way socket	£2.00

XLR PANEL MOUNT SOCKET

- AXR/XLR compatible universal panel mounting connectors
- Common panel cut out for both plug and socket versions
- Available in nickel finish



458-036	3 pin plug	£2.46
458-042	3 Pin Socket	£3.49

MINI DIN PLUG AND SOCKET

- Moulded ABS body with integral strain relief
- With PBT insulator and silver plated copper alloy contacts



463-388	6 way plug	£9.74
463-394	8 way plug	£11.13
463-423	6 way socket	£2.79
463-439	8 way socket	£2.98

BAYONET DIN CONNECTOR

- Bayonet locking system for quick and secure mating with corresponding chassis mounted sockets
- This robust cable plug incorporates cable grip and strain relief and is supplied with locking rings as standard



SCREENED DIN CONNECTOR SOCKETS

- This professionally designed chassis mounting socket has a single hexagonal nut fixing
- The nickel-plated zinc alloy body includes a latching slot and locating spigot and has silverplated pins and socket
- Socket will mate with insulated and screened plugs and will latch with latching plugs



490-888	3 way socket	£2.54
490-848	4 way socket	£2.59
490-844	5 way socket	£2.98

SCREENED DIN CONNECTOR

- Cable mounted DIN connector with a robust nickel-plated die-cast body
- With a cable clamp and a PVC support sleeve, this screened DIN connector is reliable and durable



491-188	3 way plug	£11.41
491-144	5 way plug	£9.94
491-150	6 way plug	£10.77

LATCHING DIN CONNECTOR

- These latching DIN-style connectors are similar to the screened type but incorporate a 'depress to release' mechanism which prevents accidental disengagement
- Will only latch with their counterpart in the range
- Will mate without latching with other connectors of the same pin configuration and made to DIN standards



491-112	3 way plug	£2.87
490-898	4 way plug	£3.19
491-172	5 way plug	£2.44
491-162	6 way plug	£3.30
491-138	8 way plug	£2.50
490-949	3 way plug black	£3.20
490-989	4 way plug black	£3.30
490-917	6 way plug black	£3.29

SCREENED DIN CONNECTOR SOCKETS

- Chassis mount DIN socket with robust nickel-plated housing
- With a moulded noryl body containing silver plated contacts, this DIN circular connector assures a reliable connection
- The connector has two fixing holes for secure mounting



491-083	3 way socket	£7.74
491-093	5 way socket	£5.83
491-099	7 way socket	£9.20

SCREENED CABLE PLUGS

- DIN screened cable sockets and plugs
- Plastic body with nickel housing
- Kink protection



692-5469	3 way plug	£17.39
692-5472	4 way plug	£15.40
692-5481	6 way plug	£18.20

METAL TWIST LOCK CABLE DIN PLUGS

- Nickel die-cast housing with silver contacts
- Twist lock mating



786-3439	3 way plug	£2.30
786-3445	5 way plug	£2.65
786-3454	8 way plug	£2.59

LOCKING PLUG

- For use in low voltage and signal applications
- This multi-pole shielded connector has tin plated contacts and is designed to connect to appropriate chassis sockets for a secure screw locking connection



111-5754	2 pin plug	£2.72
111-5755	3 pin plug	£2.88
111-5756	4 pin plug	£3.04
111-5757	5 pin plug	£3.32
111-5758	6 pin plug	£3.68
111-5759	8 pin plug	£3.96

LOCKING CHASSIS SOCKET

- For use in low voltage and signal applications
- This multi-pole shielded connector has tin plated contacts and is designed to connect to appropriate locking plugs, for a secure screw locking connection



111-5760	2 pin	£2.56
111-5761	3 pin	£2.68
111-5762	4 pin	£3.00
111-5763	5 pin	£3.52
111-5764	6 pin	£4.20
111-5765	8 pin	£4.64

CIRCULAR CONNECTOR SOCKET

- This panel mount male receptacle is IP68 rated and is ideal for rugged and waterproof connector application
- With gold plated brass contacts and solder pin termination, this connector assures a dependable connection



111-5766	2 pin male	£4.20
111-5767	2 pin female	£4.20

M12 ANGLED CONNECTORS

- Commonly used in automation and sensory equipment, and are suitable for use in industrial environments
- Cable mounted with a convenient cable gland and featuring an O-Ring connector, these cable assemblies offer a sturdy and reliable M12 connection for when uninterrupted data transmission is a must
- 5 way right angle

**CIRCULAR CONNECTOR PLUG
RIGHT ANGLE**

- These miniature right angle connectors are primarily intended for low voltage and signal applications
- All models are highly reliable and excellent quality



125-1077	2 pin	£3.82
125-1078	4 pin	£4.60
125-1079	6 pin	£4.42
125-1080	8 pin	£4.75

M12 STRAIGHT CONNECTORS

- Commonly used in automation and sensory equipment, and are suitable for use in industrial environments
- Cable mounted with a convenient cable gland and featuring an O-Ring connector, these cable assemblies offer a sturdy and reliable M12 connection for when uninterrupted data transmission is a must
- 5 way straight

**MULTIPOLE PUSH PULL
CONNECTORS**

- Multipole push pull receptacle with a rugged metal shell, making it ideal for tough conditions
- With an easy to use push pull connection system, the connector is also keyed to prevent mis-mating
- The connector has solder contacts, and is suitable for IP50 requirements
- 6 pin

**M12 PANEL MOUNT CONNECTORS**

- Commonly used in automation and sensory equipment, and are suitable for use in industrial environments
- Cable mounted with a convenient cable gland and featuring an O-Ring connector, these cable assemblies offer a sturdy and reliable M12 connection for when uninterrupted data transmission is a must



877-1110	Female 4 way	£6.51
877-1113	Female 5 way	£8.62
877-1145	Male 4 way	£8.03
877-1154	Male 5 way	£8.20

CABLE PLUG AND INLINE SOCKET SET

- These particular models have bigger and stronger shells complimented by their cable to cable (inline) connection
- That coupled with the IP68 rating, makes sure that these industrial connectors excel in harsh environments



124-6691	2 way 10A	£12.53
131-6393	2 way 30A	£14.50
124-6689	3 way 10A	£12.53
124-6693	3 way 25A	£14.21
131-6391	3 way 30A	£14.50
124-6692	4 way 25A	£14.21
131-6390	4 way 30A	£14.50
124-6690	4 way 5A	£12.53
124-6694	5 way 25A	£14.21
131-6392	5 way 30A	£14.50

2 HOLE FLANGE MOUNT THREADED CONNECTORS

- 2 hole flange-mounted
- IP68 rating
- Cable outer diameter acceptance: 4.5 mm - 7 mm
- High-quality Nylon66 shell
- Panel hole cutout diameter: 21 mm



124-6677	2 way socket	£8.93
124-6678	3 way socket	£8.93
124-6679	5 way socket	£9.44
124-6680	2 way plug	£8.93
124-6681	3 way plug	£8.93
124-6682	5 way plug	£8.93

FRONT MOUNT THREADED CONNECTORS

- IP68 rating
- Cable outer diameter acceptance: 4.5 mm - 7 mm
- High-quality Nylon66 shell
- Panel hole cutout diameter: 21 mm



124-6674	2 way plug	£8.93
124-6671	2 way socket	£8.93
124-6675	3 way plug	£8.93
124-6672	3 way socket	£8.93
124-6676	5 way plug	£8.93
124-6673	5 way socket	£8.93

CIRCULAR CABLE CONNECTORS

- This particular model has a bigger and stronger shell
- That coupled with the IP68 rating, makes sure that this industrial connector excels in harsh environments

124-6686	2 way 25A plug	£8.93
124-6683	2 way 25A socket	£8.93
131-6386	2 way 30A plug	£8.50
131-6382	2 way 30A socket	£8.50
124-6687	3 way 25A plug	£8.93
124-6684	3 way 25A socket	£8.93
131-6387	3 way 30A plug	£8.50
131-6384	4 way 30A socket	£8.50
124-6688	5 way 25A plug	£8.93
124-6685	5 way 25A socket	£8.93
131-6389	5 way 30A plug	£8.50

M12 PUSH-PULL CABLE CONNECTORS

- The convenient push-pull connection, makes it perfect in situations where accidental disconnects occur
- That coupled with the IP67 rating, makes sure that this industrial connector excels in harsh environments

**M12 PUSH-PULL FRONT MOUNT**

- Panel hole cutout diameter: 12 mm
- Solder termination
- Chrome plated brass shell material
- Front Mounted
- IP67 rating



124-6731	2 way socket	£13.65
124-6732	3 way socket	£13.65
124-6737	4 way socket	£13.65
124-6734	5 way socket	£14.25
124-6743	2 way plug	£13.65
124-6740	3 way plug	£13.65
124-6741	4 way plug	£13.65
124-6742	5 way plug	£14.25

124-6705	2 way female	£8.54
124-6706	3 way female	£8.54
124-6707	4 way female	£8.54
124-6722	2 way male	£8.54
124-6723	3 way male	£8.54
124-6725	4 way male	£8.54
124-6729	4 way male square mount	£8.54

M12 IN-LINE PUSH-PULL CABLE CONNECTORS

- IP67 rating
- Cable outer diameter: 4 mm to 6.5 mm
- Cable outer diameter: 5 mm to 8 mm
- Solder termination
- Chrome plated brass shell material
- inline cable mounted

**INLINE CABLE SOCKET**

- Waterproof IP68 rating
- Maximum current rating 30A
- Solder contact termination



124-6700	2 way socket	£14.25
124-6701	3 way socket	£14.25
124-6699	5 way socket	£14.80
124-6713	2 way plug	£14.25
124-6714	3 way plug	£14.25
124-6716	5 way plug	£14.80

131-6358	2 way	£8.99
131-6359	3 way	£8.99
131-6360	4 way	£8.99

AUTOMATIC EXTENSION REEL

- Spring return cable reels fitted with a ratchet stop device operating every 50cm
- can easily be disengaged if not required
- Cable with free end
- 230Vac



286-6767 3 core, 10A, 7m £164.96
286-6745 2 core, 8A, 11m £153.76

EXTENSION REEL WITH 4 SCHUKO SOCKETS AND SCHUKO PLUG

- Designed and engineered for robustness and longevity
- The plastic drum provides reliable cable management and protection when in use, in transportation or storage
- Highly visible green cable
- LED power indicator
- Power switch
- Safety thermal cut-out



889-2497 15m Cable Length £28.01
889-2494 25m Cable Length £41.74

BRITISH 4 SOCKET EXTENSION REEL TYPE G

- 4 BS type G sockets
- Include a power switch and LED power ON indicator
- Thermal cut overload cut-out is integrated into the reel with a central reset switch
- Current Rating Unwound 13Amp



889-2488 15m Cable £23.65
889-2490 30m Cable £34.65
889-2501 40m Cable £55.18
889-2504 50m Cable £62.68

BRITISH EXTENSION LEADS

- Individually Switched
- Manufactured from flame retardant polycarbonate



696-3648 4 way, 5m Cable £16.82
126-8824 6 way, 2m Cable £18.85

BRITISH WHITE EXTENSION LEAD

- Cable (fitted): 3G 1.25mm², terminated with a BS1363 plug
- Rated at 13A/250V
- Operating temperature: -20°C to +80°C (-4°F to +176°F)



849-6159	4 way, 1m Cable	£3.01
849-6169	4 way, 2m Cable	£4.01
849-6165	4 way, 5m Cable	£6.52
849-6178	2 way, 10m Cable	£9.44
849-6153	6 way, 2m Cable	£6.52

BRITISH 8 WAY EXTENSION

- Offers flexible ways of providing and delivering power solution for in an all in line configuration
- 2m, 13 Amp extension lead has a power-on neon indicator
- Manufactured from flame retardant Polycarbonate



696-3601 £18.13

BRITISH, 13A FUSED EXTENSION LEAD

- ABS/polycarbonate bases for added protection of live parts and extra strength
- Reinforced shutter supports for positive and smooth operation
- Supplied complete with BASEC approved PVC cable



296-3644	Black, Heavy Duty, 4m	£15.21
296-3650	White, Heavy Duty, 4m	£15.21
296-3672	Black, Heavy Duty, 2m	£17.13
296-3701	White, Heavy Duty, 2m	£18.84
296-3694	Orange, Heavy Duty, 2m	£17.13

SWITCHED EXTENSION SOCKETS WITH FUSE

- Fitted with a single switch
- Fitted with H05VV-F 3G1.25mm² cable terminated with a BS1363 Type G 3-pin plug
- Sockets rated at 13A 250V
- Operating temperature: -20°C to +80°C (-4°F to +176°F)



849-6137 White 4 way, 2m Cable £14.96
849-6125 Black 6 way, 5m Cable £18.90

13A SINGLE EXTENSION LEAD

- A tough dependable work power solution manufactured from high impact plastic
- The British Type G socket is ideal for use with power tools, portable lighting and in the workshop



296-3587 5m £9.16
296-3616 10m £14.75

TYPE G, BRITISH EXTENSION LEAD, SURGE PROTECTED & FILTERED

- Protect your Hi-Fi and computer equipment from power surges and spikes
- Appliances are protected by absorbing / smoothing any variations in power supply



696-3651	4 way, 2m Cable	£12.23
696-3663	6 way, 2m Cable	£18.92

SURGE PROTECTED EXTENSION LEAD POWER BLOCK WITH USB

- Two USB charging points 2.1 A maximum
- Surge protected 13A sockets
- Three channel protection and safety thermal cut-out
- Convenient space saving design
- Power and surge LED indicators



124-8491	White, 4 Way, 1m cable	£21.91
124-8492	Black, 6 Way, 1m cable	£25.81
122-4457	White, 6 Way, 2m cable	£26.53
126-8823	Black, 4 Way, 1m cable.	£21.91

SURGE PROTECTED TOWER WITH USB & TELECOMS

- Surge protected 13A sockets with three channel protection and safety thermal cut-out
- Two USB charger outputs
- Includes telecom protection against damaging surge or spikes via broadband
- Power and surge LED indicators



773-9382	Black, 10Way, 2m cable	£40.36	839-9799	£63.76
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RACK MOUNT 6 GANG POWER DISTRIBUTION UNIT

- 1U Horizontal PDU with 6 x UK BS1363 Sockets
- Unit switch (guarded)
- EMI filter
- 3 Metre Back Lead with UK BS1363 Plug



811-7112		£104.03
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BRITISH POWER DISTRIBUTION UNIT

- Angled Sockets
- 3m Cable
- Unit Switched
- Black
- 13Amp BS1363 Plug



811-7061	10 way	£95.23
811-7077	12 way	£99.09

DESKTOP POWER MODULE, 4 UK FUSED SOCKETS

- Master switch as standard
- Made from tough ABS extrusion
- 45 degrees angled sockets
- Individually fused to BS6396:2008
- Conforms to BS1363 and BS5733
- 500mm to Wieland type connector



HEAVY DUTY 13AMP WIREABLE SOCKET

- Manufactured from high impact plastic



TYPE G - BRITISH POWER DISTRIBUTION UNIT

- 230 V Trailing Socket wireable
- Heavy-duty ABS construction
- 6 way
- Unit switched & fused



296-3470	Black 1Way	£3.70
296-3492	Orange 1Way	£4.11
296-3509	Black 2Way	£6.74
296-3537	Orange 2Way	£6.06
296-3559	Black 4Way, Fused	£12.84
296-3565	White 4Way, Fused	£11.79
		696-3623
		£14.83

TYPE G, BRITISH EXTENSION LEAD, 13A

- The added neon indicator helps ensure that the extension is powered on
- The socket is housed in a flame retardant polycarbonate for added protection and strength



TYPE G, BRITISH 4 WAY EXTENSION LEAD

- Wireable
- Unit Fused & Switched



696-3590	White, 2 way, 5m Cable	£9.30
696-3635	Black, 4 way, fused with switch, 2m Cable	£13.73
696-3641	White, 4 way, fused with switch, 2m Cable	£16.45
849-6143	Black	£7.35
849-6147	White	£7.35

TYPE F, GERMAN SCHUKO EXTENSION LEAD

- It features a CEE 7/7 Schuko plug and six CEE 7/4 (Type F Schuko) socket outlets.
- Red status indicator to show mains power & fuse OK.
- Maximum current rating: 16A.



374-193	4 Way, Fused, 2M Cable	£56.67
122-1100	Switched 3 way, 1.5m Cable	£4.48
122-1105	Switched 6 way, 2m Cable	£7.31
122-1106	Switched 6 way, 5m Cable	£8.95
122-1099	3 way, 1.5m cable	£3.54
122-1103	6 way, 2m cable	£6.22
122-1104	6 way, 5m cable	£7.06
122-1101	4 way, 2m cable	£5.09
122-1102	4 way, 5m cable	£6.50

TYPE E, FRENCH EXTENSION SOCKETS

- Suitable for home, office or industrial use.
- They feature a Type E French plug and sockets in a ruggedised fire retardant ABS plastic case.
- Maximum current rating: 16A.



122-1091	3 way 15m Cable	£3.84
122-1093	4 way 15m Cable	£5.42
122-1097	5 way 15m Cable	£6.95
122-1094	Switched 6 way, 1.5m Cable	£8.69
122-1095	Switched 5 way, 1.5m Cable	£7.01
122-1096	Switched 5 way, 4m Cable	£10.38
122-1098	Switched 3 way, 4m Cable	£6.20

SCHUKO 4 WAY SWITCHED EXTENSION LEAD

- 45° angled shuttered sockets controlled by a single power switch.
- This power strip is fitted with cord terminated with a CEE7/7 European plug.
- Fitted with H05VV-F 3G1.5mm² cable terminated with a CEE7/7 European plug.
- Operating temperature: -20°C to +80°C (-4°F to +176°F)



122-1088	5m Cable	£7.51
122-1089	2m Cable	£4.87
122-1090	1.5m Cable	£4.01

TYPE F, FRENCH UNSWITCHED SINGLE EXTENSION SOCKETS

- Suitable for home, office or industrial use.
- They feature a Type E French plug and sockets in a ruggedised fire retardant ABS plastic case.
- Maximum current rating: 16A.



877-1640	Black, 3m Cable	£7.17
877-1652	White, 3m Cable	£7.99
877-1656	Black, 10m Cable	£18.06
877-1665	Black, 5m Cable	£10.28
913-9132	Green, 10m Cable	£8.52
913-9141	Green, 15m Cable	£12.13
913-9144	Green, 20m Cable	£15.52

IEC PLUG C14, CABLE MOUNT REWIREABLE CONNECTOR

- Cable mount rewirable inlet connector with a nylon-6 body.
- With tin plated copper alloy mating contacts and screw terminals
- Rated at 10A (VDE) and 15A (UL,CSA), 250Vac.



776-9113

£1.80

IEC SOCKET C13, CABLE MOUNT REWIREABLE CONNECTOR

- Outlet connector with nylon-6 body and nickel plated copper alloy mating contacts and screw terminals
- Rated at 10A (VDE) and 15A (UL,CSA), 250Vac



776-9122

£2.04

IEC PLUG C14, PANEL MOUNT CONNECTOR

- IEC plug C14 variant, snap-in and screw
- Panel mount inlet connectors with nylon-6 body
- Rated at 10A (VDE) and 15A (UL,CSA), 250Vac.



811-7207

£0.67

IEC PLUG C14, PANEL MOUNT FUSED

- Panel Mount
- Solder/faston contacts
- Chassis/PCB Plugs - Fused
- These fused plugs accept 5 x 20mm fuses



811-7213

£1.44

IEC C14 INLETS, FUSED WITH SWITCH, SNAP MOUNT

- A range of fused panel mount connectors complete with built in DPST switch in a variety of colours and with illumination and non illuminated versions,with snap fit for use with C13 plugs.
- Solder, faston contacts 4.8 x 4.8
- Insulation resistance 1000MΩ min.
- Body material: Nylon
- Temperature range 0 to 70°C
- Rated at 6A, 250Vac



811-7210 Green, illuminated switch

£2.31

811-7216 Red, illuminated switch

£2.31

811-7204 No Switch

£1.39

IEC C14 INLETS, FUSED WITH SWITCH, SNAP MOUNT

- Connectors complete with built in DPST switch in a variety of colours and with illumination and non illuminated versions.
- Solder, faston contacts 4.8 x 4.8
- Insulation resistance 1000MΩ min.
- Body material: Nylon
- Temperature range 0 to 70°C
- Rated at 6A, 250Vac



811-7226 Green, not illuminated

£2.31

811-7222 Red, not illuminated

£2.31

811-7229 Black, not illuminated

£2.31

UK TO EUROPE PLUG ADAPTER

- Rated at 7.5Amps
- Light and easy to transport
- Designed for temporary use



668-3698

£2.02

WORLD ADAPTER MUV MICRO ADAPTER

- Suitable for all 2-pole non-earthed devices
- Socket connections available: Australia/China, Europe, Italy, Switzerland, UK, USA, Denmark, India, Israel
- Retractable plugs: Euro, USA/Japan, Australia/China, UK
- Input voltage: 100V – 250V
- Maximum load: 2.5A, 625W @ 250 Vac
- Integrated fuse: T2.5A



824-6077

£15.21

CLASS I AND II WORLD TRAVEL ADAPTER

- Revolutionary adapter that is suitable for most 2-pole, 3-pole and grounded plugs of protection classes I and II
- Schuko adapter with receptacles for: UK / Swiss / AUS / US / Euro / Italian plugs
- Retractable plugs: UK / Swiss / Italian / AUS / US
- Power rating at 250V - 2500W, 110V - 1100W



691-0899 Black

£47.93

691-0896 White

£47.93

EUROPE TO UK PLUG ADAPTER

- Mainland Europe (Type C - EuroPlug) to be used via the British Type G plug
- Fused to 13A



399-6134

£2.85

SURGE PROTECTED MAINS AND USB CHARGER

- High quality socket with 2 USB ports
- Protect all your devices from damaging surges or spikes
- Power and surge LED indicators



122-4459

£11.53

INTERNATIONAL ADAPTORS

- UK to USA/Aus mains adaptor
- Rated at 7.5Amps

**WORLD TO EURO AND INTERNATIONAL ADAPTER PLUG**

- This Plug Adaptor can also support power-hungry devices like Laptops and Hairdryers.
- Suitable for equipment with earthed & unearthed plugs (2- & 3-pole)
- Receptacles for: Switzerland, Italy, Australia/China, UK, USA,
- Europe (Schuko & 2-Pin Euro)
- Input voltage: 220V – 240V



821-1242

£15.25

WORLD TO SCHUKO TRAVEL ADAPTOR CLASS 1

- This adaptor incorporates a Schuko plug and provides socket receptacles for the following countries:
- Switzerland, Italy, Australia/China, UK, USA/Japan.
- Suitable for equipment with earthed & unearthing plugs (2- & 3-pole)
- Socket receptacles for: Switzerland, Italy, Australia/China, UK, USA/Japan
- Output plug: Europe (Schuko)
- Input voltage: 100V – 250V
- Max. load: 16A
- Power rating: 100V – 1600W / 250V – 4000W



824-6080

£9.39

WORLD MAINS TRAVEL ADAPTER WITH USB

- Compact versatile mains travel adaptor for unearthing 2-pole devices
- Dual USB outlets.
- This travel adaptor utilises a patented retractable plug system
- Plugs = Euro 2-pole, UK, USA/Japan 2-pole, Australia / China 2-pole
- Sockets = USB, Australia / China, Europe, Italy, Switzerland, UK, USA, Denmark, India, Israel, South Africa
- Input voltage: 100 to 250V
- Maximum power ratings: 275W @ 110V and 550W @ 220V
- Maximum load 2.5 A
- USB output: 5V / 2100mA
- Integrated 2.5A fuse



824-6071 Universal travel adaptor + USB charger

£26.94

SOCKETS & EXTENSIONS

SCHUKO RUBBER PLUG

- Black rubber Schuko plug
- Cable Mount
- French/German mains plug CEE 7/7 German Schuko/French, 16A, Plug-In Mount, 250V



849-6128

£2.80

THERMOPLASTIC TYPE G BS1363 PLUG

- Heavy-duty plug manufactured from high impact thermoplastic
- The British Type G plug
- Sleeved pins for safety
- 13Amp
- (In a Pack of 5)



UK 13A PLUGS BS1363

- Conform to BS1363 and are ASTA approved
- Supplied with a screwless cable clamp for quick and easy assembly
- (In a Pack of 5)



SCHUKO MAINS PLUG

- Hinge open for easy connection to a suitable cord
- Rating: 16A / 250V



323-6268	Black	£11.23
325-5994	Orange	£10.31
323-6252	White	£10.21

UK MAINS PLUG

- External fuse carrier, cover does not need to be removed to replace fuse
- Screwless cable cord entry
- Slimline 'low profile' format
- BS 1363, 13A, Cable Mount, 250Vac
- (In a Pack of 5)



854-380	Black 13Amp Fuse	£3.98
490-009	White 13Amp Fuse	£4.42
490-015	White 3Amp Fuse	£4.56

RCD SAFETY ADAPTOR

- Offering the user added protection against electrocution
- Double pole switching isolates both live and neutral when contacts trip
- This RCD adaptor will cut the power within 40 milliseconds if an earth current fault is detected
- Tripping Current 30mA



SCHUKO EXTENSION LEAD SOCKET

- Rating: 16A/250V



849-6106	Rubber, Black with Lid	£5.28
849-6096	Rubber, Black	£4.18
849-6092	White	£3.32

854-396	Black	£5.28
854-403	White	£5.28

750-8447	RCD wired cable	£16.51
750-8441	RCD with socket	£13.85
750-8450	In-Line RCD	£23.26

SPLICE PROTECTORS FOR USE WITH OPTICAL NETWORK UNIT

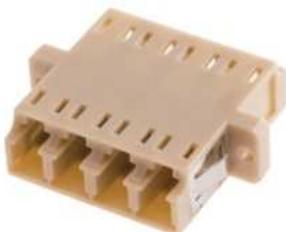
- Designed to protect fibre optic cables after fusion splicing.
- The splice protectors have a cross linked polyolefin outer tube and a 301 grade stainless steel rod.
- 2.5mm Diameter
- (In a Pack of 100)



121-4190 45mm Length	£15.60
121-4189 60mm Length	£15.60

LC TO LC MULTIMODE DUPLEX FIBRE OPTIC ADAPTER

- Adapters have ceramic sleeves
- High precision alignment sleeves ensuring reliability
- Fixing flange and metal clips



121-3956 Beige, LC QUADPLEX x4 Adapter SC Dplx FootPrint	£5.59
121-3955 Aqua, LC QUADPLEX x4 Adapter SC Dplx FootPrint	£5.59
121-3952 Aqua, LC Duplex Adapter SC Simplex FootPrint	£2.81
121-3953 Purple, LC Duplex Adapter SC Simplex FootPrint	£2.81

OPTICAL RECEIVER JACK

- Conforms to EIAJ standard CP-1201
- Designed for digital audio interfaces, including fibre-optic connections
- (In a Pack of 5)



805-1683 ORJ-6	£16.07
805-1674 ORJ-8	£13.93

MULTIMODE SIMPLEX FIBRE OPTIC CONNECTOR

- These connectors are factory terminated and polished which allow for fast and reliable connections
- No epoxy polishing or crimping required, making them ideal for applications where time is of the essence
- The connectors also feature a window which enables testing with a visual fault locator



121-4209 SC, PC, GM1, 3MM, BEIGE	£7.59
121-4211 SC, PC, OM2, 3MM, BEIGE	£7.59
121-4212 SC, PC, OM2, 900UM, BEIGE	£4.87
121-4213 SC, PC, OM3, 3MM, BEIGE	£7.59
121-4214 SC, PC, OM3, 0.9MM, BEIGE	£7.59

IP65 DISTRIBUTION BOXES

- You can use wide range of adapter types
- ABS enclosure has removable front doors allowing for fuss free installation
- IP65 Indoor/Outdoor Distribution Box



121-4188 4 Port	£21.11
121-4186 6 Port	£53.82
121-4185 8 Port	£34.22

CUSTOM FTTH INTERNAL OUTLET BOXES

- Robust ABS enclosures for fibre to the home installation and management
- The white ABS customer outlet boxes in this series come in a range of fibre counts, cable entry points and outlet options.
- All the customer outlet boxes have integrated fibre management and integrated shutters for protection and safety



121-3981 4 fibres and 4 ports	£6.14
121-3980 2 fibre and 4 ports	£6.14
121-3984 8 fibre and 4 ports	£9.28

TERMINATION BOXES

- The enclosures in this range contain single splice trays.
- Fibres from externally fed cables can be spliced to pigtailed for connection to the optical network.
- The robust termination boxes can be easily wall mounted in any home, office and small businesses
- Tamperproof with easy cable entry points.



121-3975 12 Fibre	£75.43
121-3977 4 Fibre	£20.85

FIBRE OPTIC PATCH PANELS

- Sliding patch panels designed to house up to 24 fibres
- 45° open working angle
- 24 adapter positions
- Up to 24 fibres in 1U space
- Fit's standard 19" racks
- Individually labelled ports



125-8403 ST Multimode 12 Ports Populated	£55.37
125-8404 ST Multimode 24 Ports Populated	£63.37
125-8406 ST Singlemode 24 Ports Populated	£74.86
125-8407 FC Singlemode 12 Ports Populated	£62.58
125-8408 FC Singlemode 24 Ports Populated	£89.88

FIBRE OPTIC & DATA CONNECTORS

CAT 5E ANGLED FACEPLATES

- Providing safer and easier lead access (less prone to damage)
- Low profile rear punch down terminations will accept wires in the range 22 to 28 awg.
- Terminations are colour coded to the T568B wiring specification



214-9927	2 x RJ45 unshielded	£10.38
249-5545	4 x RJ45 unshielded	£19.91
214-9753	2 x RJ45 shielded	£12.66

CAT 5E FACEPLATES

- Low profile rear punch down terminations will accept wires in the range 22 to 28 awg
- Terminations are colour coded to the T568B wiring specification
- Rated to 100MHz under the EIA/TIA TSB40 specification



262-2242	1 x RJ45 unshielded	£6.31
262-2810	2 x RJ45 shielded	£11.72
262-2258	2 x RJ45 unshielded	£10.70

RJ1½5 ADAPTORS & COUPLERS

- Highly reliable and excellent quality
- Durable design



186-3155	Beige RJ11 plug to socket extender, 2m	£5.55
186-3032	Beige straight through RJ11 coupler	£3.28
186-3048	Beige RJ45 straight through coupler	£3.61
186-3133	Black unshielded RJ11 coupler	£3.24
186-3111	Black unshielded RJ45 coupler	£8.28
186-3149	Black unshielded RJ45 coupler	£3.50

CAT.5E INLINE COUPLERS

- Socket to socket coupler
- Meets C5e EIA/TIA 568B Standard



340-9630	Cat5e RJ45 STP	£4.02
340-9624	Cat5e RJ45 UTP	£5.74

CAT5E & CAT6 RJ45 FEEDTHROUGH CONNECTORS

- Allows you to connect RJ45 types through a sturdy panel mount connection that is designed to fit within a standard XLR format chassis.
- Suitable for wall plugs and rack mounting
- All models are highly reliable and excellent quality.



916-0243	Black CAT5e UTP	£5.79
916-0252	Black CAT5e STP	£7.14
916-0255	Black CAT6 UTP	£6.36
916-0259	Black CAT6 STP	£8.04
907-5652	CAT5e UTP	£5.26
907-5656	CAT5e STP	£7.76
907-5665	CAT6 UTP	£6.36
907-5668	CAT6 STP	£6.74

CAT5E & CAT6 PATCH PANEL

- LSA style termination blocks
- Easy field label systems
- Port identification



557-183	Cat6 24 port Shielded	£73.88
557-177	Cat5e 24 port Shielded	£55.66
556-499	Cat6e 24 port Unshielded	£24.72
556-635	Cat6 24 port Unshielded	£75.39
556-702	Cat5e 24 port Unshielded	£23.61

UNSHIELDED RJ45 CONNECTOR MALE

- Gold plated phosphor bronze contacts
- Polycarbonate body construction
- IDC contact termination
- Sold in a Pack of 100



WATERPROOF RJ45 METAL PANEL MOUNT JACKS

- The rugged screw-mounted shielded connector
- Secured by a 13/16-28 UN thread
- Recommended panel thickness range of 0.8 mm to 8.0 mm
- Include a red silicone O-Ring
- IP68 rated



111-6744	180 Degree coupling	£16.31
111-6745	180 Degree coupling	£16.31
111-6739	Standard Straight	£14.70

STRAIGHT & 90° PCB HEADERS

- 36 Way
- 2.54mm Pitch
- Sold in a Pack of 10



251-8452	90°, 12.5mm, 2.5mm	£8.62
251-8654	90°, 7mm, 3mm	£5.06
251-8632	Straight, 7mm, 3mm	£3.66
251-8351	Straight, 12.7mm, 3.1mm	£6.90
251-8367	Straight, 14.7mm, 2.9mm	£12.80
251-8317	Straight, 4.3mm, 2.7mm	£6.46

PCB MOUNTED TERMINAL STRIP

- Plug into PCB Header with 5mm Pitch
- Screw terminals
- Sold in a Pack of 5

**TWO ROW PCB HEADER CONNECTORS**

- 72 Way
- 2.54mm Pitch
- Sold in a Pack of 10



251-8648	Straight, 7mm, 3mm	£7.10
251-8418	Straight, 12.7mm, 3.1mm	£11.34
251-8424	Straight, 14.7mm, 2.9mm	£12.71
251-8496	90°, 12.5mm, 2.5mm	£14.90

PCB TERMINAL BLOCK THROUGH HOLE

- 5mm Pitch
- Nickel plated bronze clamps
- Tin plated brass terminals
- Standard accepts wire 2.5 mm², low profile 1.5 mm²
- Sold in Packs of 5

**SINGLE & DOUBLE ROW STRAIGHT PCB HEADERS**

- 2.54mm Pitch
- 7mm Pin
- Sold in a Pack of 25



251-8143	5 way 2 row	£7.42	494-8906	2 way standard	£0.64	494-8990	2 way	£2.63
251-8159	8 way 2 row	£10.15	494-8912	3 way standard	£1.21	494-9016	3 way	£4.13
251-8086	2 way 1 row	£1.36	494-8928	4 way standard	£1.32	494-9022	4 way	£4.79
251-8092	3 way 1 row	£2.32						
251-8121	5 way 1 row	£3.79						



5.08 MM PITCH PCB TERMINAL BLOCK PLUGS

- Wire-to-Board 2-part Terminal Block Plugs
- Screw Cage Clamp termination method
- Sold in Packs of 5



790-0695	2 way	£3.43
790-0705	3 way	£4.99
790-0708	4 way	£6.50
790-0711	6 way	£9.63
790-0718	8 way	£12.69
790-0720	10 way	£15.76
790-0733	12 way	£18.83

THROUGH HOLE PCB TERMINAL BLOCK

- 5.08mm Pitch
- Sold in Packs of 5



790-1070	5 way	£4.52
790-1073	3 way	£2.87
790-1076	4 way	£3.70
790-1086	10 way	£8.64
790-1095	12 way	£2.34

2.54 MM PITCH PCB TERMINAL BLOCKS

- Through Hole
- Screw cage clamp termination method
- Sold in Packs of 5



790-1092	3 way	£3.01
790-1098	2 way	£2.13
790-1102	4 way	£3.90
790-1105	5 way	£4.79
790-1109	6 way	£5.72
790-1111	8 way	£7.49
790-1118	7 way	£6.61
790-1124	10 way	£9.25

RIGHT ANGLE MOUNT PCB PLUG CONNECTORS

- 5mm Pitch



874-4698	2 way	£3.92
874-4701	4 way	£7.20
874-4705	5 way	£8.62
874-4708	3 way	£5.89
874-4711	8 way	£14.57
874-4714	6 way	£10.91
874-4717	7 way	£10.64
874-4720	9 way	£13.78
874-4723	10 way	£18.32
874-4727	11 way	£16.50
874-4733	16 way	£24.41
874-4736	12 way	£20.86
874-4739	14 way	£21.27

PCB PLUG CONNECTOR WITH FLANGES

- Pitch 5.08mm
- M2.5 rising cage clamp screw terminals
- 28 to 12 AWG
- Green PA66 housings



874-4742	2 way	£5.05
874-4745	3 way	£6.82
874-4749	4 way	£8.45
874-4751	8 way	£15.27

VERTICAL MOUNT PCB PLUG

- Pitch 5mm
- M2.5 rising cage clamp screw terminals
- 28 to 12 AWG
- Green PA66 housings



874-4773	2 way	£5.32
874-4777	3 way	£8.05
874-4786	4 way	£10.64
874-4792	7 way	£18.82
874-4795	8 way	£21.54
874-4806	12 way	£20.66
874-4809	11 way	£29.72

VERTICAL MOUNT CLOSED END PCB HEADERS

- Pitch 5mm
- Pluggable terminal block PCB header
- Green PA66 housings



874-4840	3 way	£1.91
874-4846	2 way	£1.23
874-4852	5 way	£3.61
874-4856	6 way	£4.24
874-4859	4 way	£2.94
874-4868	8 way	£4.91
874-4874	11 way	£6.82
874-4878	12 way	£8.62

RIGHT ANGLE MOUNT CLOSED END PCB HEADERS

- Pitch 5mm
- Pluggable terminal block PCB header
- Green PA66 housings



874-4880	2 way	£1.63
874-4884	3 way	£1.78
874-4890	6 way	£4.24
874-4913	12 way	£7.50
874-4919	11 way	£6.82

VERTICAL MOUNT PCB TERMINAL PLUG

- Pitch 5.0mm
- M2.5 rising cage clamp screw terminals
- 30 to 12 AWG
- Green PA66 housings.



874-5001	3 way	£8.05
874-5007	2 way	£5.32
874-5010	4 way	£10.64
874-5013	6 way	£16.23
874-5017	8 way	£21.54

RIGHT ANGLE MOUNT TERMINAL PLUG WITH SCREW FLANGE

- 3.5mm Pitch
- M2.5 screw flanges
- pluggable terminal blocks have M2 rising cage clamp screw terminals
- Wire size range of 28 to 14 AWG

**RIGHT ANGLE PCB TERMINAL PLUG**

- Pitch 3.5mm
- M2.5 rising cage clamp screw terminals
- 30 to 12 AWG
- Green PA66 housings.



874-5039	2 way	£3.14
874-5041	4 way	£6.00
874-5045	5 way	£7.50
874-5048	3 way	£4.64
874-5051	10 way	£15.27
874-5054	6 way	£9.00
874-5057	8 way	£12.14
874-5060	12 way	£18.14

RIGHT ANGLE PCB TERMINAL PLUG WITH FLANGE

- 3.81mm Pitch
- M2.5 screw flanges
- pluggable terminal blocks have M2 rising cage clamp screw terminals
- Wire size range of 28 to 14 AWG



874-5063	2Way	£5.05
874-5067	3Way	£6.82
874-5076	4Way	£8.45
874-5082	8Way	£15.27

VERTICAL MOUNT THROUGH HOLE PCB TERMINAL HEADERS

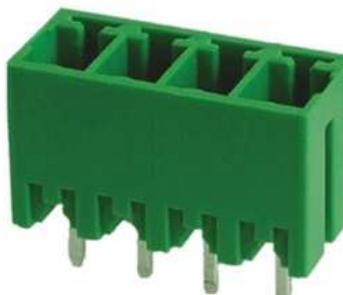
- 3.5mm Pitch
- Pluggable terminal blocks



874-5161	2Way	£1.23
874-5164	3Way	£1.78
874-5168	4Way	£2.45
874-5170	6Way	£2.02
874-5177	5Way	£3.14
874-5183	10Way	£6.27
874-5186	12Way	£7.50

VERTICAL MOUNT CLOSED END PCB TERMINAL HEADERS

- 3.81mm Pitch
- Pluggable terminal blocks



874-5192	4Way	£2.45
874-5196	5Way	£3.14
874-5199	3Way	£1.78
874-5203	10Way	£6.27
874-5206	6Way	£3.69
874-5209	8Way	£4.91
874-5212	12Way	£7.50

SCREWLESS PCB TERMINAL BLOCKS

- PCB terminal blocks have screwless push-fit terminals
- Accept a wire size of 28 to 20 AWG
- Grey PA66 housings



874-5433	2.5mm Pitch 2A 3Way	£2.73
874-5436	2.5mm Pitch 2A 6Way	£23.45
874-5439	5.0mm Pitch 15A 3Way	£1.78
874-5442	3.5mm Pitch 2A 3Way	£3.96
874-5445	3.5mm Pitch 2A 6Way	£5.87

DC CABLE PLUG

- It is ideal for powering small appliances
- The plug also features a crimp strain relief for securing the cable insulation



487-858	Black, 2.1mm 5A	£0.95
487-826	Red, 2.1mm 5A	£3.95
487-854	Black, 2.5mm 5A	£0.95
487-810	Black, Screw lock, 2.5mm 5A	£5.53
487-820	Black, Screw lock, 2.1mm 5A	£5.30

LOCKING DC POWER PLUG & CABLE

- Soft-locking mechanism that prevents the power connector from disconnecting without effort.
- Supplied with 2 metres of twin core free end cable



884-0932	2.5mm	£3.47
884-0941	2.1mm	£3.15

LOCKING DC POWER PLUG

- Soft-locking mechanism that prevents the power connector from disconnecting without effort.
- Sold in a Pack of 5



884-0950	2.1mm	£5.67
884-0948	2.5mm	£5.67

DC POWER SOCKET, PANEL MOUNT

- For push-fit DC power plugs
- The split centre pins are shaped to hold the mating plug firmly



487-832	2.1mm 5A 12V	£4.00
487-842	2.5mm 5A 12V	£4.03

RIGHT ANGLE THROUGH HOLE LOCKING DC SOCKETS

- The DC socket features a soft-locking mechanism that prevents the power connector from disconnecting without effort
- Sold in a Pack of 5



884-0957	2.1mm	£5.12
884-0944	2.5mm	£5.12

3.5 MM PCB MOUNT MONO JACK SOCKET

- Socket couples with Push Fit Plugs
- Sold in a Pack of 10



125-1076		£4.00
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ILLUMINATED DIN 43650 SOLENOID VALVE CONNECTOR SOCKETS

- 2 pole and earth
- These screw mount sockets are Type A with a PG9 gland size
- Transparent polycarbonate construction, with a Nitrile/silicon gasket
- Cable Mount
- Sold in a Pack of 5



811-8285	110V	£6.71
811-8272	12VDC	£6.71
811-8275	24VDC	£6.71
811-8294	250VAC	£6.71

ATEX CERTIFIED MALE CABLE PLUG

- ATEX Certified
- Chemical resistant
- Fire resistant
- High impact resistance, 20 J at 20°C
- IP66 rated



893-8048	16A 2P+E 230V	£86.13
893-8041	16A 3P+E 400V	£96.07
893-8054	32A 2P+E 230V	£134.19
893-8057	32A 3P+E 400V	£142.48
893-8060	63A 3P+E 400V	£265.07
893-8067	125A 3P+E 400V	£486.89
893-8045	16A 3P+N+E 400V	£109.35
893-8051	32A 3P+N+E 400V	£157.40
893-8063	63A 3P+N+E 400V	£295.61
893-8076	125A 3P+N+E 400V	£542.53

ATEX APPROVED POWER CONNECTOR

- ATEX Certified
- Mechanically switched
- Chemical resistant
- Fire resistant
- High impact resistance, 20 J at 20°C
- IP66 rated



893-8007	16A 2P+E 230V	£439.02
893-8013	32A 2P+E 230V	£492.06
893-8001	16A 3P+E 400V	£472.16
893-8023	63A 3P+E 400V	£1,182.44
893-8035	125A 3P+E 400V	£2,712.65
893-8010	16A 3P+N+E 400V	£513.55
893-8029	32A 3P+N+E 400V	£695.79
893-8032	63A 3P+N+E 400V	£496.02

HORIZONTAL SWITCHABLE INTERLOCKED SOCKET

- Mechanical interlock prevents the switch from closing if the plug is not inserted
- Mechanical interlock prevents the extraction of the plug if the switch is closed
- Mechanical interlock prevents the opening of the socket outlet cover if the switch is closed
- IP67
- 16A



410-006	Yellow, 2P+E	£56.90
410-145	Blue, 2P+E	£55.60
410-135	Red, 3P+E	£58.49

VERTICAL SWITCHABLE INTERLOCKED SOCKET

- Mechanical interlock prevents the switch from closing if the plug is not inserted
- Mechanical interlock prevents the extraction of the plug if the switch is closed
- Mechanical interlock prevents the opening of the socket outlet cover if the switch is closed
- IP67
- 16A



409-993	Red, 3PN+E, 16A	£126.74
410-072	Red, 3PN+E, 32A	£156.36
410-016	Red, 3PN+E, 63A	£295.35

IP44 VERTICAL SWITCHABLE INTERLOCKED SOCKET

- Mechanical interlock prevents the switch from closing if the plug is not inserted
- Mechanical interlock prevents the extraction of the plug if the switch is closed
- Mechanical interlock prevents the opening of the socket outlet cover if the switch is closed



125-4368	16A, 110V, 2P+E	£106.68
125-4369	16A, 240V, 2P+E	£106.68
125-4373	32A, 240V, 2P+E	£164.19
125-4374	32A, 400V, 3P+E	£170.52
125-4371	16A, 400V, 3PN+E	£151.24
125-4375	32A, 400V, 3PN+E	£182.93

POWER CONNECTORS & INDUSTRIAL SOCKETS

IEC309 TO BRITISH 13AMP SOCKET

- One way adaptor Industrial Power Connector Adapter



533-7543 £21.37

IEC 309 ADAPTER

- Thermoplastic material, IP66 with appliance inlet, RAL7035 casing



533-7537	3 way,2P+E, 110V, yellow	£41.29
533-7391	2 way,2P+E, 110V, yellow	£35.70
533-7492	3 way,2P+E, 240V, blue	£43.24
533-7408	2 way,2P+E, 240V, blue	£34.74
533-7515	3 way,3PN+E, 415V, blue & red	£66.65
533-7509	3 way,3P+E, 415V, red	£57.76
533-7486	2 way,3PN+E, 415V, red	£52.82
533-7442	2 way,3P+E, 415V, red	£43.71

INDUSTRIAL POWER CONNECTOR SOCKET RCD SWITCHED

- Interlocked and RCD protected
- Top mount cable entry (gland supplied)
- Blanked bottom cable entries
- Manufactured from self-extinguishing & shock resistant thermoplastic



410-038	Blue, 2P+E, 16A, 230V	£238.10
410-034	Red, 3PN+E, 16A, 400V	£298.93
410-022	Red, 3PN+E, 32A, 400V	£326.28
410-028	Red, 3PN+E, 63A, 400V	£456.40

RCD NON-SWITCHED INDUSTRIAL POWER CONNECTOR SOCKET

- RCD protected with sensitivity of 30mA/30ms
- IP44



410-173	Blue 2P+E single, 16A 230V	£152.45
410-094	Blue 2P+E double, 16A 230V	£168.83
410-012	Blue 2P+E single, 32A 230V	£216.93
410-084	Red 3P+E single, 16A 400V	£158.91
410-107	Red 3P+E single, 32A 400V	£215.45
410-101	Red 3PN+E single, 16A 400V	£209.82
410-090	Red 3PN+E single, 32A 400V	£221.34
410-185	Red 3PN+E single, 63A 400V	£341.12

3 SOCKET RCD INDUSTRIAL POWER CONNECTOR SOCKET

- 2m lead and 16A plug
- Pre-wired
- Tripping sensitivity: 30mA



410-179	Blue, 2P+E, 230V	£218.87
410-141	Red, 3PN+E, 400V	£264.71

LOW VOLTAGE IP44 PURPLE CABLE MOUNT 2P INDUSTRIAL POWER PLUG

- Made from engineering plastic
- IP44
- Two pole
- 16A
- Voltage rating of 20-25V



668-5357	16A 2P 20-25V Low Voltage Plug IP44	£11.27
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ANGLED INDUSTRIAL POWER SURFACE SOCKETS

- IP44 Surface Mount Right Angle Industrial Power Socket



668-5395	16A 2P+E 230V	£8.63
668-5418	32A 3P+N+E 400V	£17.03

PHASE INVERTER PLUGS

- Rapidly invert two phases in order to return to the correct direction of rotation of three-phase motors.

**STRAIGHT PLUG WITH CABLE GLAND**

- The outer casing made from engineering plastic
- Cable gland design to provide external clamping
- IP44 rating



724-9079	2P+E 16A 110V	£4.60
724-9088	2P+E 16A 230V	£4.60
724-9094	2P+E 32A 110V	£12.67
724-9097	2P+E 32A 230V	£14.10
724-9081	3P+E 16A 400V	£7.20
724-9091	3P+E 32A 400V	£14.32
724-9085	3P+N+E 16A 400V	£12.10
724-9101	3P+N+E 32A 400V	£14.79

IP67 STRAIGHT PLUG WITH CABLE GLAND

- The outer casing made from engineering plastic
- Cable gland design to provide external clamping
- IP67 rating

**STRAIGHT SOCKETS WITH CABLE GLAND**

- The outer casing made from engineering plastic
- Cable gland design to provide external clamping
- IP44 rating



724-9104	2P+E 16A 110V	£7.50
724-9108	2P+E 16A 230V	£7.50
724-9114	2P+E 32A 110V	£13.43
724-9123	2P+E 32A 230V	£15.89
724-9117	3P+E 16A 400V	£10.64
724-9110	3P+N+E 16A 400V	£13.24
724-9120	3P+N+E 32A 400V	£20.20

724-9186	2P+E 16A 230V	£14.10
724-9195	3P+E 16A 400V	£17.78
724-9198	3P+N+E 16A 400V	£17.78

IP67 STRAIGHT SOCKET WITH CABLE GLAND

- The outer casing made from engineering plastic
- Cable gland design to provide external clamping
- IP67 rating



724-9211	2P+E 16A 230V	£19.00
724-9221	2P+E 32A 230V	£24.65
724-9167	2P+E 63A 230V	£67.32

INDUSTRIAL TOP MOUNT SOCKET OUTLETS

- IP67 rated
- Featuring robust screw terminals
- Housing is manufactured from halogen free engineering plastic



781-2702	Blue, 2P+E, 16A, 250V	£21.20
781-2709	Yellow, 2P+E, 16A, 130V	£21.20

RED CABLE MOUNT STRAIGHT WITH GLAND

- Socket cover equipped with slots to facilitate and improve closure of the socket
- Cable gland design provides external clamping
- IP67 rating
- 400V



724-9224	3P+N+E 16A	£20.52
724-9233	3P+N+E 32A	£33.51
724-9164	3P+N+E 63A	£68.77

POWER CONNECTORS & INDUSTRIAL SOCKETS



YELLOW SURFACE MOUNT INDUSTRIAL PLUG

- Panel mounted appliance inlets are angled at 90° for a more secure connection.
- With a durable high-strength plastic housing and rated IP67 the inlets are ideal for industrial purposes.
- 125A 110V 2P+E



125-4376

£268.01

RCD PROTECTED SOCKET

- RCD protection with sensitivity of 30mA/30ms.
- IP67 Rated
- Lockable protection window



STRAIGHT PLUG WITH CABLE GLAND

- Cable gland design provides external clamping
- IP67 rating



125-4392 16A 110V 2P+E £296.41

125-4393 16A 230V 2P+E £295.48

125-4396 32A 230V 2P+E £330.34

RCD PROTECTED SOCKET

- RCD protection with sensitivity of 30mA/30ms.
- IP67 Rated
- Lockable protection window



RED SURFACE MOUNT INDUSTRIAL PLUG

- Panel mounted appliance inlets are angled at 90° for a more secure connection.
- With a durable high-strength plastic housing and rated IP67 the inlets are ideal for industrial purposes.
- 125A 400V 3P+N+E



125-4379

£327.79

125-4394 16A 400V 2P+E £356.30

125-4397 32A 400V 2P+E £367.71

RCD PROTECTED SOCKET

- RCD protection with sensitivity of 30mA/30ms.
- IP67 Rated
- Lockable protection window



125-4395 16A 400V 3P+N+E £359.21

125-4398 32A 400V 3P+N+E £379.26

RED CABLE MOUNT PLUG

- IP44 rated
- Twist lock mechanism
- Nickel plated brass contacts



893-7925 16A 6h 6P+E 400V £37.97

893-7929 32A 6h 6P+E 400V £44.64

RED FEMALE FLUSH MOUNT SOCKET

- IP44 rated
- 16A
- 6P+E
- 400V



893-7950 £47.95

RED FEMALE ANGLED PANEL MOUNT SOCKET

- IP44 rated complete with socket cover
- 400V
- 6 Pole + E



893-7957 16A	£46.34
893-7966 32A	£51.75

BLUE SURFACE MOUNT RIGHT ANGLE INDUSTRIAL POWER PLUG

- 6 pole plus earth male
- IP67 rated
- 400V



893-7979 16A	£32.48
893-7988 32A	£59.48

RED FEMALE FLUSH MOUNT SOCKET

- 6 pole plus earth male
- IP67 rated
- 400V



893-7994 16A	£57.31
893-7997 32A	£61.23

RED FEMALE ANGLED PANEL MOUNT SOCKET

- 6 pole plus earth male
- IP67 rated
- 400V

**RED FEMALE CABLE MOUNT SOCKET**

- Red 6 pole plus earth female cable mount socket
- IP44 rated
- 400V
- Featuring Twist lock mechanism
- External gland, and nickel plated brass contacts

**RED MALE FLUSH MOUNT SOCKET MALE**

- Red 6 pole plus earth
- IP44 rated
- 400V



893-7938 16A	£45.45
893-7931 32A	£48.79

RED CABLE MOUNT PLUG

- Red 6 pole plus earth
- IP67 rated
- 400V

**RED FEMALE CABLE MOUNT SOCKET**

- Red 6 pole plus earth
- IP67 rated
- 400V



893-7981 16A	£52.93
893-7985 32A	£59.48

RED MALE FLUSH MOUNT SOCKET

- Red 6 pole plus earth
- IP67 rated
- 400V



893-7972 16A	£56.21
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COAXIAL CONNECTORS

BULKHEAD 50 OHM BNC RF CONNECTOR

- Bayonet coupling, solder termination and grounding tab.
- Have a nickel plated brass and body, nut, washers and gold plated centre contact.



546-4897

£1.57

CABLE MOUNT 50 OHM BNC RF CRIMP CONNECTORS

- Have a nickel plated brass and body, nut, washers and gold plated centre contact.
- RG58 cable



CABLE MOUNT RIGHT ANGLE 50 OHM BNC RFCRIMP CONNECTORS

- With bayonet coupling and crimp termination
- Nickel plated body, gold plated centre contact



546-3872

£4.53

STRAIGHT 50Ω PANEL MOUNT BNC CONNECTOR

- Panel socket



546-4005

£2.17

STRAIGHT 50Ω CABLE MOUNT BNC CONNECTOR

- Bayonet coupling and a cable clamp termination.
- Have a nickel plated body, gold plated centre contact and are for use with a variety RF coaxial cable types



546-3800 RG174B Cable

£1.98

546-3816 RG178N Cable

£2.50

546-4358 RG213 Cable

£4.89

546-4875 RG58A Cable

£1.64

BULK STRAIGHT 50Ω & 75Ω CABLE MOUNT BNC CONNECTOR

- With bayonet coupling and a crimp termination.
- Crimp ferrule, nickel plated body, gold plated centre contact
- Sold as 1 Box of 100



546-3563 RG58 cable, 50Ω

£131.73

546-3579 RG59 cable, 75Ω

£121.17

CLAMP TERMINATION 50Ω CABLE MOUNT BNC CONNECTOR

- Connectors with bayonet coupling and a cable clamp termination
- Coax cable clamp plugs have a silver plated body and silver plated centre contact
- RG58 cable



546-4257

£1.98

STRAIGHT 50Ω & 75Ω CABLE MOUNT BNC CONNECTOR

- With bayonet coupling and a crimp termination,
- Crimp ferrule, nickel plated body, gold plated centre contact



546-3620 RG174 cable, 50Ω

£1.94

546-3636 RG179 cable, 75Ω

£1.94

546-4853 RG58 cable, 50Ω

£0.88

546-4869 RG59 cable, 75Ω

£1.85

**STRAIGHT 50Ω COAX ADAPTER
BNC FEMALE TO BNC FEMALE**

- Jack to jack coupler with bayonet fixing and ABS insulation.
- Bulkhead jack to jack coupler has a nickel plated body, nuts and washer and gold plated centre contact.



546-3787

£6.49

STRAIGHT 50Ω RF ADAPTER

- A range of common adapters.

**STRAIGHT 50Ω RF ADAPTER**

- Interseries RF coaxial adapters available in a variety of configurations.
- Coaxial adapters have a nickel plated brass body and a mechanical interface in accordance with MIL-STD-348A.

**STRAIGHT 75Ω COAX ADAPTER
BNC FEMALE TO COAXIAL FEMALE
0 → 1GHZ**

- With bayonet fixings.
- Has a nickel plated body, nuts and washers and a gold plated centre contact.



546-4099

£3.71

STRAIGHT 50Ω RF ADAPTER

- A range of common adapters.

546-4954	Male BNC to female TNC adaptor	£6.36
546-3068	Male N to female SMA adaptor	£10.53
546-2504	Male N to female TNC adaptor	£8.54
546-5266	Male TNC to female BNC adaptor	£6.94
546-5272	Male TNC to female N adaptor	£8.25

878-2371	SMA jack to BNC plug	£7.83
878-2369	SMA jack to SMA jack	£4.35
878-2378	SMA plug to BNC jack	£6.48
878-2397	SMB jack to BNC jack	£10.48
878-2393	SMB plug to BNC plug	£11.99

**N SERIES PLUGS AND ADAPTOR
CONNECTORS**

- Connectors are also impedance matched to 50Ω cables



758-1613	N Plug to F jack adaptor	£6.01
758-1610	N Plug to N jack right angled adaptor	£3.76
758-1616	N Plug to SMA jack adaptor	£7.56

546-2453	Male N to female BNC adaptor	£9.44
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546-4948	BNC Male to Two BNC Female 50ohm	£5.75
546-4106	BNC Male to Two BNC Female 75ohm	£5.75

COAXIAL CONNECTORS

RIGHT ANGLE 50Ω CABLE MOUNT SMA CONNECTOR

- Crimp plugs have a gold plated brass body, gold plated centre contact, silicone gasket and are suitable for use with a variety of RF coaxial cable types.



546-3248 RG174 cable £5.10
546-3232 RG58A cable £5.15

STRAIGHT 50Ω CABLE MOUNT TNC CONNECTOR

- Clamped



546-5250

SINGLE POLE INTERLOCKING BARRIER STRIP, 20A, 600V

- Zinc-plated and passivated steel inserts
- All contacts on any one pole are commoned.
- Nylon body material
- Mounts direct to flat surface (including metal base) or to miniature DIN rail



425-415 Tab to Tab £6.55
425-421 Tab to Screw £7.52

STRAIGHT 50Ω CABLE MOUNT SMA CONNECTOR

- A range of coaxial plug connectors with a crimp termination.
- Plugs have a gold plated brass body and centre contact, a red silicone gasket and are suitable for use with a variety of RF coaxial cable types.



546-3204 RG58 A cable £2.92
546-3210 RG174 B cable £6.96
546-3226 RG223 C cable £8.15
546-3355 RG174A/U £3.92

STRAIGHT 50Ω & 75Ω CABLE MOUNT TNC PLUG & CONNECTORS

- Plug connectors with a crimp termination.
- Have a nickel plated brass body, gold plated centre contact, rubber gasket and are suitable for use with a variety of RF coaxial cable types.



136-566 Plug, RG59 cable, 75ohm £4.48
136-572 Plug, RG174 cable, 50ohm £5.11

STRAIGHT 50Ω PCB & PANEL MOUNT

- With a gold plated brass body and centre contact.
- Supplied with nut and washer.



526-5785 PCB Thickness 1.57mm £2.16
526-5757 PCB Thickness 1.7mm £5.67

STRAIGHT 33 MM 50Ω PANEL MOUNT TNC CONNECTOR

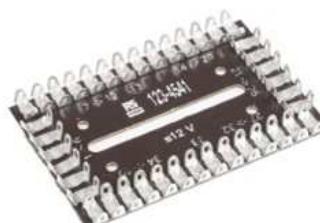
- RF coaxial TNC bulkhead jack connectors with a threaded coupling mechanism and a crimp/crimp termination.
- Have a nickel plated brass body, gold plated centre contact, silicone gasket and are suitable for use with a variety of RF coaxial cable type including RG174/U and RG 316/U and RG 188 A/U.
- Typical applications for these TNC panel mount jack connectors include signal, data and video transmission where vibration resistance is required.



488-9324 £5.64

SOLDER TAG BOARD FOR RASPBERRY PI

- The terminals on the board match the pins on the Pi.
- Total of 40 terminals
- It provides a means of soldering components to the GPIO header when developing prototypes
- Ideal for electronics engineers developing prototypes



123-4541 £3.06

BASES FOR COMMONING BLOCKS

- Bases for fixing commoning blocks to DIN rail
- Material: polypropylene, natural colour
- Maximum continuous operating temperature: 85°C
- Self extinguishing: UL 94 - V2; IEC 692-1 to 850°C



880-6809	99831 DIN	£5.68
880-6796	99601 DIN	£7.14
880-6812	99811 DIN	£5.92
880-6815	99821 DIN	£5.92
880-6806	99841 DIN	£5.68

JUMPER BAR

- Cross connectors are supplied preassembled into a 10 pole part.
- They can be cut down from 10 poles to the required length
- Screws and collars can be removed to skip over terminals

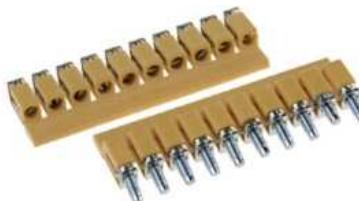


815-789

£10.86

CROSS JUMPERS

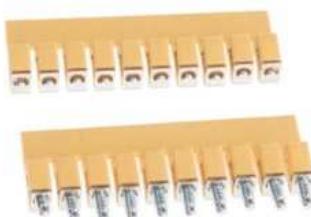
- Cross jumpers/jumper bars are used for quick permanent cross-connections between multiple terminal blocks
- These cross jumpers have an insulated captive screw
- 10 Way
- Sold in a Pack of 5

**PLUG-IN CROSS CONNECTORS FOR SSL/SRK TERMINALS**

- Plug-in cross connectors for SRK feed-through and SSL protective earth terminals.

**INSULATED JUMPER BAR**

- Cross jumpers/jumper bars are used for quick permanent cross-connections between multiple terminal blocks.
- These cross jumpers have an insulated captive screw
- 10 Way
- Sold in a Pack of 5



878-7581

£3.82

CROSS CONNECTORS FOR SPRING TERMINALS

- A range of cross connectors for the spring feed through terminals.
- They can be used to conduct the rated current of the corresponding cross section range.

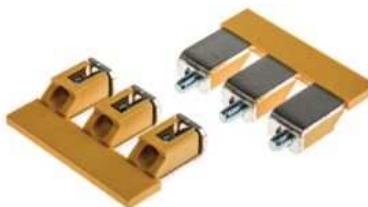
872-4785	2 way 172478 Series	£6.86
872-4789	2 way 17252.8 Series	£11.67
872-4754	2 way 17211.8 Series	£4.17
872-4757	3 way 17212.8 Series	£3.16
872-4748	3 way 17202.8 Series	£7.54
872-4751	5 way 17213.8 Series	£12.93
872-4741	5 way 17204.8 Series	£7.38

CROSS JUMPERS

- Cross jumpers/jumper bars are used for quick permanent cross-connections between multiple terminal blocks
- These cross jumpers have an insulated captive screw
- Sold in a Pack of 5

10 WAY PLUG-IN CROSS CONNECTORS FOR SSL/SRK TERMINALS

- For SRK feed-through and SSL protective earth terminals.



872-4745	17209.8 Series	£3.29	899-7832	2 Pole for 2.5mm terminal	£2.00
872-4760	17219.8 Series	£1.52	899-7848	2 Pole for 4mm terminal	£2.12
872-4779	17229.8 Series	£4.87	899-7836	3 Pole for 2.5mm terminal	£2.36
872-4782	17239.8 Series	£5.50	899-7842	3 Pole for 4mm terminal	£2.60
			899-7845	10 Pole for 2.5mm terminal	£16.85
			899-7851	10 Pole for 4mm terminal	£18.33
			913-1327	3 Way, Cross Jumper, 35sq.mm	£5.96

DIN RAIL TERMINAL BLOCKS & ACCESSORIES



CROSS JUMPERS

- Cross jumpers/jumper bars are used for quick permanent cross-connections between multiple terminal blocks.
- These cross jumpers have an insulated captive screw.
- Sold in a Pack of 5.



913-1320 4Way, Cross Jumper, 35sq.mm £6.26

COMB LINKS

- Comb links for use with mini DIN Rail terminal blocks
- Sold in a Pack of 5



913-1305	Comb Link for miniTerm Blks 2.5sq.mm	£1.25
913-1302	Comb Link for miniTerminal Blks 4sq.mm	£3.54
913-1314	Comb Link for miniTerminal Blks 6sq.mm	£5.86

END PLATES FOR SSL/SRK TERMINALS

- For use with: FF Series, RK Series, Series, SF Series, SRK Series, TSK.
- Sold in a Pack of 10.



872-4726	End Plate for RK/SRK2.5 to RK/SRK10 Beig 2001.2 Series	£2.90
872-4723	End Plate for RK/SRK2.5 to RK/SRK10 Blue 2001.5 Series	£3.80

MARKER CARD

- Group marker with Combi foot
- Writable label slips in, and cover protects
- 5mm markers for use with 2.5mm² terminals
- 6mm markers for use with 4mm² and larger terminals
- Sold in a Pack of 5



501-685 5mm wide blanks for 5mm wide terminals £9.59
501-695 5mm wide numbered 1-50 markers £13.10

END PLATES

- End plates suitable for use with DIN rail mounted spring terminal blocks
- Sold in a Pack of 20



END PLATES

- End plates suitable for use with DIN rail mounted spring terminal blocks
- Sold in a Pack of 10



DIN RAIL MOUNTING BRACKETS, TS SERIES

- Zinc coated steel snap-on mounting brackets with a M6 tapped holes
- Fits all TS35 top hat mounting rails
- Zinc coated mild steel
- Sold in a Pack of 10



467-377 Angled DIN rail bracket,42mm height £8.23
467-387 Angled DIN rail bracket,82mm height £15.10



899-7808 End plate 2.5mm terminal ZAP 2.5/2A £1.26
899-7817 End plate for 2.5mm terminal ZAP 2.5/3A £1.35

END PLATES

- For SSL/SRK Terminals
- Sold in a Pack of 10

MARKER TAGS

- Marker tags for use with wide range of DIN Rail terminal blocks.
- Easy installation or removal
- Abrasion resistant printing
- Numbering: 1 to 50 or 1 to 40
- Sold in a Pack of 2



913-1318 Marking Tags, 1-40, 2 cards, W8 Series £2.12
878-7590 Marking Tags, 1-50, 2 cards, W5 Series £1.76
913-1282 Marking Tags, 1-50, 2 cards, W6 Series £1.89

END STOPS/END BRACKETS

- Provide a secure mechanical stop on DIN rail
- Sold in a Pack of 10



501-972

£5.30

SCREW DOWN END STOP

- End stops are necessary for preventing movement of components along the rail.
- Depending on the DIN rail, they differ in the dimensions of the mounting foot and their screw-on or snap-on design.
- Material: PA 6.6V2 for TS 32 DIN rail
- Terminal width: 8mm
- Sold in a Pack of 10



872-5637

£1.50

SINGLE GULL WING TERMINAL COVER

- ADH Cover Profiles for HSKG High-Power Stud Terminals



872-4855 17025.8 Series Sold in a Pack of 2

£5.89

872-4858 17123.8 Series Sold in a Pack of 2

£8.07

872-4846 17268.8 Series Sold in a Pack of 4

£9.56

872-4842 17275.8 Series Sold in a Pack of 4

£10.29

DIN RAIL MOUNTING SQUARE BRACKETS, TS SERIES

- Zinc coated steel snap-on mounting brackets with a M6 tapped holes
- Fits all TS35 top hat mounting rails.
- Zinc coated mild steel
- Sold in a Pack of 10

**TOP HAT DIN RAIL SLOTTED**

- A range of professional quality 35 x 75mm DIN Rail
- Sold in a Pack of 4



501-972

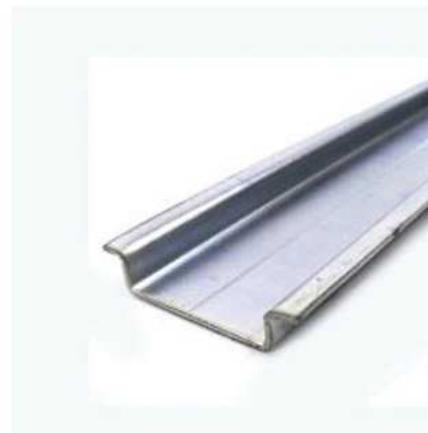
£5.30

TEST ADAPTOR

- A test adaptor which enables DIN rail mounted terminals to accept 4mm test leads.
- The adaptor screws into the terminal current bar and projects above the terminal to accept both shrouded and unshrouded 4mm plugs.
- The test adaptor precludes the use of jumper bars and may be permanently fitted to the terminals detailed, enabling easy hands free measurements.
- Voltage and current rating determined by the mating plug.
- Sold in a Pack of 5

**DIN RAIL TOP HAT, UNSLOTTED**

- Standard top hat plain DIN rail
- 2m x 35mm x 75mm
- Made of electro-galvanised steel.
- Sold in a Pack of 4



MODULAR DIN RAIL MOUNTED DISTRIBUTION BLOCK

- For control panels and distribution.
- Housing material: Polycarbonate (PC)
- Fixing: On DIN rail conforming to EN 50022 or mounted via fixing screws



868-0736 26 Way, Blue

£2757

2 WAY DIN RAIL EARTH BLOCK

- Wires can be connected without any special preparations
- High reliability and maintenance free
- Easy mounting and dismantling from DIN rail
- Sold in a Pack of 5



878-7562 2.5sq.mm, 42.8mm length, Green/Yellow

£4.91

878-7575 4sq.mm 42.8mm length, Green/Yellow

£4.32

DOUBLE SCREW EARTH BLOCKS

- Earth connecting blocks manufactured from Brass to BS2498
- Width 19mm, Height 12mm
- Sold in a Pack of 5



283-0730 3 way

£12.16

425-544 4 way

£15.43

283-0746 5 way

£16.29

283-0768 6 way

£19.08

425-550 8 way

£27.75

2 WAY DIN RAIL EARTH BLOCK

- Screw connection DIN rail mounted earth terminal blocks
- Green/yellow earth colour coding
- Wires can be connected without any special preparation
- Sold in a Pack of 5



878-7569 Screw 26⁰ 12 AWG, 56.7mm length

£5.74

878-7566 Screw 26⁰ 10 AWG, 56.7mm length

£6.03

878-7578 Screw 26⁰ 8 AWG, 57mm length

£6.00

BRASS TERMINAL BLOCKS

- Brass terminal blocks complete with galvanised screws.
- Screw Down



867-0991 3 way

£1.92

867-1004 5 way

£2.62

867-1007 8 way

£3.69

2 WAY TOP HAT EARTH TERMINAL BLOCK

- These green/yellow coded terminal blocks are for grounding / earthing wires
- Sold in a Pack of 5



815-773

£8.32

FUSE-DISCONNECT TERMINALS BLOCK

- Hinged lever that can be locked into its open position for supporting the micro-fuse.
- Combi-foot can snap on to TS 32/TS 35 rails
- Connection cross-section up to 10 mm²
- Can be used with solid link as disconnect terminal
- 1102.2 Series, 10mm Fuse Disconnect terminal, Beige
- Sold in a Pack of 5



872-5634 £14.61

FUSED DIN RAIL TERMINAL, ENYA SERIES

- Lever for fuse sizes 5x20mm, 5x25mm and 6x32mm
- Markers maybe fitted above both wire entries
- LED type has 24V LED in parallel
- Endplate width 1.5 mm
- BS 1362 fused DIN rail mount terminal
- Sold in a Pack of 5



906-4595 £15.52

FUSED DIN RAIL TERMINAL, SK SERIES

- Screw cap styles for fuse sizes 5x20mm
- Markers maybe fitted above both wire entries
- LED type has 24V LED in parallel
- Endplate width 1.5 mm
- Sold in a Pack of 10



501-837 £20.97

3 WAY FUSED TERMINAL BLOCK

- Features an integrated in-line fuse holder.
- The white housing is made from nylon with tinned brass inserts for a screwed termination.
- A pull-up latch enables an easy replacement of a fuse.
- Inline fuse holder with pull-up latch; Tinned Brass inserts; Screw down termination



452-625	10 Amp	£13.24
452-619	16 Amp	£14.17
122-5193	6.3 Amp	£11.31

FLAT RIBBON CABLE INTERFACE MODULE, DIN RAIL MOUNT

- Screw-clamp connection
- Male plug - flat ribbon cable connection EN 80 603-13/DIN 41651
- DIN EN 50178; DIN VDE 0110, pollution degree 2
- Ejector mechanism
- Compact design, clear terminal labelling and simple assembly
- Insulating stripping length 7mm
- Alternative to pure individual wire approach



665-9651 IDC connector Interface 14 pole £20.10

IDC INTERFACE MODULE

- Screw terminal interface modules
- Connectors suitable for interfacing electrical cabling to I/O cards



403-336	40 way IDC header DIN rail terminal	£45.87
403-342	50 way IDC header DIN rail terminal	£55.51

D-SUB INTERFACE MODULE, DIN RAIL MOUNT

- Interconnect D-Subminiature into screw-clamp terminals
- D-sub according to MILC-24308 / DIN41652
- Compact 4.7 mm profile
- 1.5A current rating per pin
- Stripping length, screw/tension spring 6-7mm
- Alternative to pure individual wire approach
- Female, 37 Pole, 125V ac/dc, 107mm



665-9695 £42.01

D-SUB INTERFACE MODULE, DIN RAIL MOUNT

- Screw terminal interface modules with connectors suitable for interfacing electrical cabling to I/O cards and electronic equipment.
- Designed to mount on standard BS 5584:1978 'DIN' rail.
- Orange polyamide 6.6 housings with gold plated connector contacts
- Temperature range -20 to +50°C



403-370	Female, 9 Pole, 50V, 1A, 45mm	£23.50
403-409	Male, 37 Pole, 50V, 1A, 110mm	£42.80
403-415	Female, 37 Pole, 50V, 1A, 110mm	£41.82
425-106	Male, 25 Pole, 50V, 1A, 90mm	£37.50
425-112	Female, 25 Pole, 50V, 1A, 90mm	£38.51

HIGH-POWER STUD TERMINALS

- 1000V
- Foot can be snapped on TS 35 DIN rail
- Housing made from polyamide 6.6 UL 94-V0



872-4824	125A M6	£9.28
872-4833	192A M8	£11.92
872-4836	269A M10	£15.70
872-4849	520A M16	£25.86

HIGH CURRENT TERMINALS

- Grey screw down termination, single level
- Fingerproof terminals (to VBG4 requirements)
- Flammability rating UL 94-V0
- Sold in a Pack of 5



384-6988	10mm ² , 1kV, 57A	£7.54
384-6994	16mm ² , 1kV, 71A	£11.11

STANDARD DIN RAIL TERMINALS 2.5MM

- 0.2 Ø 2.5mm², 800V, 24A, single level terminals
- Identify signals or voltages easily due to colour coding
- Standards met: UL, CSA, NEMKO, GOST
- Sold in a Packs of 10



501-976	Black	£5.04
501-821	Red	£5.04
802-783	Blue	£4.56
501-635	Brown	£5.07
501-730	Orange	£5.30
501-639	Grey	£5.07
501-613	White	£5.01
501-641	Yellow	£4.82

STANDARD DIN RAIL TERMINALS 4MM

- 0.2 Ø 4mm², 800V, 32A, single level terminals
- Identify signals or voltages easily due to colour coding
- Standards met: UL, CSA, NEMKO, GOST
- Sold in a Packs of 10



501-645	Black	£4.42
501-720	Brown	£4.65
501-803	Grey	£3.99
501-673	Red	£4.42
501-932	White	£4.66
501-651	Orange	£4.65
501-663	Yellow	£4.42
815-666	Beige	£4.39
815-672	Blue	£4.39

DIN RAIL SCREW CLAMP TERMINAL BLOCKS

- Suitable for a broad range of cross-section and wire types
- Excellent vibration resistance with very low contact resistance
- High reliability and maintenance free
- Easy mounting and dismounting from DIN rail
- Sold in a Packs of 10



878-7487	2.5mm ² Grey	£3.23
878-7496	2.5mm ² Black	£3.22
878-7499	2.5mm ² Blue	£3.21
913-1207	2.5mm ² Orange	£3.41
913-1201	2.5mm ² Red	£1.00
878-7519	4mm ² Grey	£2.75
913-1210	4mm ² Blue	£0.75
878-7534	6mm ² Grey	£4.83
913-1213	10mm ² Grey	£7.20
913-1217	16mm ² Grey	£9.86

DIN RAIL MINI TERMINAL BLOCKS

- Suitable for a broad range of cross-section and wire types
- Excellent vibration resistance with very low contact resistance
- High reliability and maintenance free
- Easy mounting and dismounting from DIN rail
- Sold in a Packs of 10



878-7503	2.5mm ² Beige	£2.22
878-7506	2.5mm ² Grey	£2.22
878-7516	4mm ² Beige	£2.37
878-7522	4mm ² Blue	£2.37
878-7528	4mm ² Black	£2.37
878-7525	4mm ² Grey	£2.37

NYLON TERMINAL BLOCKS WITH WIRE PROTECTION LEAF

- 12 way terminal blocks
- Natural Colour
- Screw Terminals
- Wire Protection Leaf
- Pack of 5



464-9744	2.5mm ² Wire Protection Leaf	£3.62
464-9722	4mm ² Wire Protection Leaf	£13.05
464-9738	2.5mm ²	£8.61
464-9700	10mm ²	£20.97

POLYPROPYLENE TERMINAL BLOCKS

- Non-fused terminal block
- Lightweight, rigid, corrosion resistant and with high tensile strength
- Colour white
- Screw down terminals with brass contacts
- Pack of 5

**STEATITE TERMINAL BLOCKS**

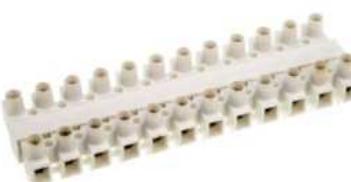
- Nickel-plated brass inserts and plated steel screws
- Suitable for use in high ambient temperatures up to 300°C
- High dielectric strength
- Non-flammable with dimensional stability up to 1000 °C
- Pack of 5



703-3846	2 ways 4mm ²	£5.74
703-3858	2 ways 10mm ²	£5.75
703-3861	2 ways 16mm ²	£6.89
703-3855	3 ways 4mm ²	£5.77
703-3852	3 ways 10mm ²	£9.74
703-3864	3 ways 16mm ²	£8.96

NYLON PLUG/SOCKET TERMINAL BLOCK

- 12 way flexible terminal block
- Allows the block to be separated into two halves
- Standard and Fully Shrouded types
- Maximum temperature 120°C
- Captive clamping screws

**GLASS FILLED TERMINAL BLOCK**

- UL94V-0
- 12 way terminal block
- Brown Colour
- Screw Terminals
- Pack of 5

**NYLON TERMINAL BLOCKS**

- 12 way non-fused terminal block
- Natural colour with a quick snap body
- Screw down termination with a nickel plated brass contacts
- Pack of 5



492-8687	2.5mm ²	£4.33
492-8700	4mm ²	£5.30
492-8716	6mm ²	£7.32

POLYETHYLENE TERMINAL BLOCKS

- 12 way terminal blocks
- Brass inserts and galvanised steel screws
- Natural colour
- Temperature rating: 80°C
- Pack of 10



763-8113	4mm ²	£6.74
763-8116	6mm ²	£6.79

SINGLE SCREW POLYAMIDE TERMINAL BLOCKS

- 12 way, for 2.5mm² cross section conductors
- Brass inserts and galvanised steel screws
- Available in different colours
- Flame retardant with high temperature resistance (105°C)
- Pack of 10



867-0981	2.5mm Black	£5.61
867-0985	2.5mm Blue	£5.61
867-0994	2.5mm Brown	£5.61
867-0997	2.5mm Green	£5.61

PORCELAIN TERMINAL BLOCKS

- Nickel plated brass inserts and galvanised steel screws
- Maximum operating temperatures: 800°C housing and 350°C inserts
- Hard and solid block material
- Non-flammable and resistant to chemicals



813-3117	10 mm ² , 1 Pole	£3.65
813-3111	16 mm ² , 1 Pole	£6.36
813-3101	16 mm ² , 4 Poles	£11.99
813-3108	10 mm ² , 4 Poles	£8.00
813-3114	4 mm ² , 1 Pole	£2.30
813-3098	4 mm ² , 4 Poles	£4.70
813-3105	4 mm ² , 3 Poles	£4.41

TERMINAL BLOCKS

COMMONING TERMINAL BLOCKS

- Compact design allows high-density connections
- Housing material: transparent blue polycarbonate
- Self-extinguishing: UL 94 - V0; IEC 692-1 to 850°C; IEC 692-2
- Maximum operating temperature: 85°C
- Clamps: Brass, Captive screws: galvanized steel
- Protection degree: IP 20



868-0786	3 poles + prot	£6.25
868-0774	5 poles + prot	£8.13
868-0752	11 poles, 6-16	£4.72
868-0792	6 poles 6-16	£3.10
868-0799	6 poles 16-35	£6.72
868-0806	3 poles 35	£4.58
868-0755	4 poles 16	£9.97

POLYAMIDE TERMINAL BLOCKS - HIGH TEMPERATURE WITH WIRE PROTECTOR

- Semi-rigid high temperature (160°C) glass fibre terminal blocks
- Nickel plated brass inserts and galvanised steel screws
- Flame retardant, High temperature: 160°C
- Colour: dark brown, VDE approved
- Pack of 5



840-7939	2.5mm ²	£4.64
840-7948	4mm ²	£6.21
840-7941	6mm ²	£8.30
840-7945	10mm ²	£15.51

POLYAMIDE PLUG-IN TERMINAL BLOCKS (HORIZONTAL PLUG)

- 2 x 12 Way horizontal plug orientation
- Semi-rigid, Flame retardant, High temperature (105°C)
- Nickel plated brass terminal inserts and galvanised steel screws



865-9830	4mm ²	£2.67
865-9833	6mm ²	£3.32

POLYAMIDE TERMINAL BLOCKS - BASIC

- Flame retardant, High temperature resistant (105°C)
- Nickel plated brass inserts and galvanised steel screws
- Natural colour, VDE approved
- Pack of 5



POLYAMIDE TERMINAL BLOCKS - CPA-WP

- Brass inserts with galvanised steel screws
- Natural colour semi-rigid body
- Flame retardant and high temperature (105°C)
- All screws are captive and raised for easy wiring
- Pack of 5



813-3136	12mm ²	£3.27
813-3127	10mm ²	£2.88
813-3139	16mm ²	£5.26
813-3123	6mm ²	£2.16
813-3120	4mm ²	£1.59

POLYETHYLENE TERMINAL BLOCKS

- Easy cut, with brass inserts and galvanised steel screws
- All screws are captive and raised for easy wiring
- Natural colour body
- Temperature rating: 80°C
- Pack of 5



867-0963	10mm	£2.72
867-0972	12mm	£3.53
867-0975	16mm	£5.22
867-0979	25mm	£8.53

INSULATED CRIMP BLADE TERMINALS

- Made from copper with flared vinyl insulation
- Colour coded for use with different wire sizes
- Highly reliable and excellent quality
- Pack of 100



613-9722	Blue, 13mm, 1.5 - 2.5 mm ²	£8.42
534-654	Blue, 18mm, 1.5 - 2.5 mm ²	£11.38
613-9687	Red, 11mm, 0.5 - 1.5 mm ²	£8.42
534-294	Red, 18mm, 0.5 - 1.5 mm ²	£10.70
534-525	Yellow, 10mm, 2.5 - 6.5 mm ²	£14.72
613-9823	Yellow, 14mm, 4 - 6 mm ²	£14.39
613-9801	Yellow, 18mm, 4 - 6 mm ²	£18.22

INSULATED DOUBLE CRIMP BLADE TERMINALS

- Made from brass with a copper sleeved barrel
- Nylon insulation with a sturdy design
- Available in various colours
- Pack of 100



267-4467	Red 10mm	£13.57
267-4473	Red 18mm	£17.46
267-4502	Blue 18mm	£13.40
267-4518	Yellow 18mm	£17.05

INSULATED DOUBLE CRIMP HOOK BLADE TERMINALS

- Made from brass with a copper sleeved barrel
- Nylon insulation with a sturdy design
- Blue
- 2.6mm²
- Pack of 100



267-4388		£19.41
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INSULATED HOOKED BLADE TERMINALS

- Improved contact and tensile strength due to 'rifled' barrel with PVC insulation
- Terminal design ensures a reliable electrical and mechanical connection
- UL (E125401) approval



624-1213	Red, 17mm, 0.5 - 1.5mm ²	£6.70
624-1235	Blue, 17mm, 1.5 - 2.5mm ²	£7.53

PCB TO WIRE TERMINAL TAB ADAPTERS

- Allow connection between wire terminals and PCB board
- For use in making connection to printed circuit boards
- Terminal material - hot tin dipped brass
- For vertical and horizontal blades



534-840	6.3 x 0.8mm	£5.61
534-929	Right angle 6.3 x 0.8mm	£6.34

UNINSULATED BOOTLACE FERRULES

- Made from tinned copper
- Very effective for terminating multi-stranded cables
- Available for a variety of wire sizes



211-4252	0.5mm ²	£2.98
211-4268	0.75mm ²	£2.93
211-4280	1.5mm ²	£2.97
211-4274	1mm ²	£2.81
211-4296	2.5mm ²	£3.94

FRENCH COLOUR 8MM CRIMP BOOTLACE FERRULES

- Made from bright tinned copper with polypropylene insulation
- Suitable for tri-rated and 2491X cables
- Ensure a positive connection when used with terminal blocks and captive terminals



458-718	Black, 1.5mm ²	£6.00
250-3444	Black, 1.5mm ²	£11.62
458-695	Blue, 0.75mm ²	£3.39
458-724	Grey, 2.5mm ²	£4.16
458-702	Red, 1mm ²	£4.52
458-689	White, 0.5mm ²	£2.52

FRENCH COLOUR 12MM CRIMP BOOTLACE FERRULES

- Insulated crimp ferrules made from bright tinned copper
- With polypropylene insulating sleeves that accept tri-rated and 2491X cables.
- Provide a neat end termination to multi-stranded wires
- Reduce the possibility of wire strands short circuiting adjacent terminals
- Ensure a positive connection when used with terminal blocks and captive terminals.
- Available with a variety of pin lengths and wire sizes.



250-3422	Blue, 0.75mm ²	£6.78
157-1244	Brown, 10mm ²	£16.84
458-897	Green, 6mm ²	£11.14
458-730	Orange, 4mm ²	£12.22
250-3438	Red, 1mm ²	£8.93

GERMAN COLOUR 8MM CRIMP BOOTLACE FERRULES

- Made from bright tinned copper with polypropylene insulation
- Accept tri-rated and 2491X cables
- Neat end termination to multi-stranded wires
- Available with a variety of pin lengths and wire sizes



513-2613	Black, 1.5mm ²	£5.91
458-780	Blue, 2.5mm ²	£6.46
157-1200	Lightblue, 0.25mm ²	£5.53
458-746	Orange, 0.5mm ²	£2.71
157-1238	Pink, 0.34mm ²	£6.19
458-774	Red, 1.5mm ²	£8.67
513-2607	Red, 1mm ²	£16.65
157-1222	Turquoise, 0.34mm ²	£5.97
157-1216	Violet, 0.25mm ²	£7.03
458-752	White, 0.75mm ²	£8.52
458-768	Yellow, 1mm ²	£9.02

INSULATED TWIN ENTRY BOOTLACE FERRULES

- Provide termination for 2 or more wires
- Made from copper tube with nylon insulation
- Colour coded to indicate different wire sizes



184-9676	Black, 1.5mm ²	£8.81
184-9682	Blue, 2.5mm ²	£10.86
184-9654	Grey, 0.75mm ²	£8.64
311-7993	Grey, 4mm ²	£13.15
184-9660	Red, 1mm ²	£8.64
311-7971	White, 0.5mm ²	£7.59

FULLY INSULATED DOUBLE CRIMP FEMALE BULLET TERMINALS

- Copper sleeve and flared vinyl insulation
- Colour coded for use with different wire sizes
- All models are highly reliable and excellent quality



534-676	Blue, Female, 5mm	£11.19
534-660	Blue, Male, 5mm	£8.34
534-317	Red, Female, 4.3mm	£11.19
624-1241	Red, Female, 4mm	£4.33
534-301	Red, Male, 4.3mm	£8.69
624-1342	Red, Male, 4mm	£7.98

FULLY INSULATED CRIMP FLAG TERMINALS

- Tin plated copper body material with nylon insulation
- Temperature rating: 70°C
- Tab size: 6.35 x 0.8mm



125-1950	Blue, 1.5 - 2.5mm ²	£6.29
125-1951	Yellow, 4 - 6mm ²	£11.97
125-1949	Red, 0.5 - 0.75mm ²	£6.10

FULLY INSULATED DOUBLE CRIMP PIGGYBACK TERMINALS

- Made from brass with a copper sleeved barrel and flared nylon insulation
- Colour coded for use with different wire sizes
- Accept a variety of tab sizes



534-711	Blue, 1 - 2.6mm ²	£11.91
267-4366	Blue, Shrouded, 1 - 2.6mm ²	£22.12
534-367	Red, 0.5 - 1.5mm ²	£10.59
267-4350	Red, Shrouded, 0.5 - 1.5mm ²	£21.07

TELECOM SPLICING CONNECTORS

- Silicone gel filled to prevent ingress of water
- 26 - 22AWG, Shrouded



HEAVY DUTY BUTT SPLICE TUBE TERMINALS

- Made from a pure grade copper base to BS2871
- Electro-tin plated to BS1872, 1984
- Suitable for use on multi-stranded cables
- Available in a variety of sizes



534-648	Blue, 1.5 - 2.5mm ²	£9.35	841-7670	6mm ²	£8.31
613-9788	Blue, Vinyl, 1.5 - 2.5mm ²	£15.01	841-7673	10mm ²	£11.74
534-288	Red, 0.5 - 1mm ²	£8.69	841-7677	16mm ²	£17.14
613-9794	Red, Vinyl, 0.5 - 1.5mm ²	£11.19	841-7686	25mm ²	£29.28
534-519	Yellow, 4 - 6mm ²	£11.94	841-7689	35mm ²	£20.63
613-9766	Yellow, Vinyl, 4 - 6mm ²	£18.32	841-7683	50mm ²	£27.48
			841-7692	70mm ²	£39.40

CLOSED END WIRE SPLICES

- Tin plated copper sleeves and transparent nylon 6.6 insulation
- Ideal for electrically joining cables or for storing/insulating the ends of spare cables



IDC QUICK SPLICE CONNECTORS

- Made from brass with a colour coded nylon insulation
- Provides a simple and time saving wire connection method
- Available for in-line and T-tap wire connections
- Accepts various wire and tab sizes



UNINSULATED CRIMP BUTT SPLICES

- Made from tubular copper
- Available with a variety wire ranges



INSULATED WINDOW BUTT SPLICE

- Nylon insulated tubular copper butt splices with a window
- Colour coded for use with different wire ranges

267-3997	Red, 0.5 - 1.5mm ²	£11.86
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UNINSULATED CRIMP PARALLEL SPLICES

- Made from tubular copper
- Available for a variety of wire ranges



809-2381	8AWG	£5.82
809-2379	12 - 10AWG	£5.98
809-2372	16 - 14AWG	£3.59
809-2369	22 - 16AWG	£2.28

INSULATED WIRE PIN CRIMP TERMINALS

- Made from copper with vinyl insulation
- Available in different colours and sizes



452-631	Red, 0.5 - 1.5mm ²	£8.30
452-647	Blue, 1.5 - 2.5mm ²	£8.88
208-2559	Yellow, 2.5 - 6.5mm ²	£12.83

UNINSULATED CRIMP WIRE PIN TERMINALS

- Made from copper with a brazed seam
- Available with a variety of wire sizes



809-2341	0.5 - 1.5mm ²	£3.61
809-2350	1.5 - 2.5mm ²	£4.32
809-2353	4 - 6mm ²	£7.96
809-2357	10mm ²	£7.87
809-2366	16mm ²	£6.40

INSULATED DOUBLE CRIMP RECEPTACLE WIRE TERMINALS

- Made from brass with a copper sleeved barrel
- Nylon or vinyl insulation with a flared design for easy wire insertion
- Colour coded to correspond with the wire size they are used with



125-1944	2.8mm, 22-16 AWG	£7.48
125-1945	4.75mm, 22-16 AWG	£6.95
125-1946	6.35mm, 22-16 AWG	£7.96
125-1947	6.35mm, 16-14 AWG	£14.19
125-1948	6.35mm, 12-10 AWG	£16.52

INSULATED DOUBLE CRIMP PIN TERMINALS

- Made from brass with a copper sleeved barrel
- Nylon insulation with a sturdy design
- Available in various colours
- Highly reliable and excellent quality



267-4091	9mm	£11.60
267-4401	12mm	£12.63

INSULATED DOUBLE CRIMP RECEPTACLE WIRE TERMINALS

- Made from brass with a copper sleeved barrel
- Nylon or vinyl insulation with a flared design
- Colour coded to correspond with the wire size they are used with



534-339	Red, 6.3 x 0.8mm	£9.65
534-345	Red, 2.8 x 0.8mm	£14.39
534-698	Blue, 1.5 - 2.5mm ²	£11.68

FULLY INSULATED DOUBLE CRIMP RECEPTACLE TERMINALS

- Made from brass with a copper sleeved barrel
- Flared vinyl or nylon insulation
- Colour coded for use with different wire sizes



267-4164	Red, 6.3 x 0.8mm	£20.99
267-4259	Red, 2.8 x 0.5mm	£26.72
267-4265	Red, 2.8 x 0.8mm	£24.30
267-4293	Red, 4.8 x 0.8mm	£9.84

INSULATED WIRE PIN CRIMP TERMINALS

- Made from copper with vinyl insulation
- Available in a variety of colours and sizes



613-9621	Red, 0.5 - 1.5mm ²	£7.97
613-9637	Blue, 1.5 - 2.5mm ²	£7.83
613-9665	Yellow, 4 - 6mm ²	£12.14
613-9716	Red, 10mm, 0.5 - 1.5mm ²	£7.97
613-9873	Blue, 10mm, 1.5 - 2.5mm ²	£7.82

FULLY INSULATED DOUBLE CRIMP RECEPTACLE TERMINALS

- Made from brass with a copper sleeved barrel
- Flared vinyl or nylon insulation
- Colour coded for use with different wire sizes



534-705	Blue, 6.3 x 0.8mm	£12.37
208-2458	Red, 2.8 x 0.8mm	£12.57
534-418	Red, 4.8 x 0.5mm	£11.78
208-2464	Red, 4.8 x 0.8	£11.43
534-351	Red, 6.3 x 0.8mm	£11.11
534-553	Yellow, 6.3 x 0.8mm	£12.56

FULLY INSULATED DOUBLE CRIMP RECEPTACLE TERMINALS

- Made from brass with a copper sleeved barrel
- Flared vinyl or nylon insulation
- Colour coded for use with different wire sizes



267-4170	Blue, 6.3 x 0.8mm	£11.59
624-1178	Blue, PVC, 6.35 x 0.8mm	£18.94
624-1184	Red, PVC, 6.35 x 0.8mm	£14.66

CRIMP TERMINALS - UNSHROUDED

- 6.3mm terminals - both receptacle and blade types
- For crimp tool see 492-9595



488-1235 Blade - 1.5-2.5mm²

£5.52

488-1279 Receptacle - 0.5 - 2.0mm²

£4.63

INSULATED CRIMP RING TERMINALS

- Made from copper with a tin plating
- Vinyl or nylon insulation with a flared design for easy wire insertion
- Colour coded to correspond with the wire size they are used with
- Various metric sizes available



534-581 Blue M4, 1.5 - 2.5mm²

£6.55

534-575 Blue M5, 1.5 - 2.5mm²

£6.55

534-569 Blue M6, 1.5 - 2.5mm²

£9.35

613-9362 Blue M8, 1.5 - 2.5mm²

£12.29

534-238 Red M3, 0.5 - 1.5mm²

£4.63

534-216 Red M4, 0.5 - 1.5mm²

£4.87

534-200 Red M5, 0.5 - 1.5mm²

£5.13

534-193 Red M6, 0.5 - 1.5sqmm

£7.98

208-2492 Red M8, 0.5 - 1.5mm²

£9.81

534-452 Yellow M4, 2.5 - 6.5mm²

£12.18

534-446 Yellow M5, 2.5 - 6.5mm²

£12.18

534-430 Yellow M6, 2.5 - 6.5mm²

£15.60

534-424 Yellow M8, 2.5 - 6.5mm²

£14.70

208-2537 Yellow M10, 2.5 - 6.5mm²

£16.04

613-9429 Yellow M12, 4 - 6mm²

£29.46

INSULATED DOUBLE CRIMP RING TERMINALS

- Copper sleeved double crimp barrel
- Colour coded for use with different wire ranges
- Available with various stud sizes



531-015	M5, 10mm ²	£4.75
531-021	M6, 10mm ²	£4.92
531-043	M6, 16mm ²	£3.53
531-065	M6, 25mm ²	£5.14
531-037	M8, 10mm ²	£6.10
531-059	M8, 16mm ²	£3.79
531-071	M8, 25mm ²	£5.31
241-4631	M8, 35mm ²	£8.58
531-885	M10, 35mm ²	£8.44
531-891	M10, 50mm ²	£8.90
531-914	M10, 70mm ²	£15.83
241-4647	M10, 95mm ²	£36.73
531-920	M12, 70mm ²	£16.78
241-4669	M12, 95mm ²	£22.43

EYELETS

- Ideal choice when sturdy connection is required
- Various wire sizes available
- Highly reliable and excellent quality



208-2565	M4, 0.5 - 1.5mm ²	£4.37
433-034	M3, 0.5 - 1.5mm ²	£4.45

UNINSULATED DIN 46234 CRIMP RING TERMINALS

- Made from copper with a brazed seam
- Available with variety of wire and stud sizes



809-2221	#3 Stud Size, 0.5mm ² to 15mm ²	£3.65
809-2224	#6 Stud Size, 0.5mm ² to 15mm ²	£3.59
809-2234	#6 Stud Size, 1.5mm ² to 2.5mm ²	£4.13
809-2259	#6 Stud Size, 2.5mm ² to 6mm ²	£6.31
809-2243	#8 Stud Size, 1.5mm ² to 2.5mm ²	£4.70
809-2252	#8 Stud Size, 2.5mm ² to 6mm ²	£7.75
809-2237	#10 Stud Size, 0.5mm ² to 1.5mm ²	£4.07
809-2246	#10 Stud Size, 1.5mm ² to 2.5mm ²	£5.66
809-2256	#10 Stud Size, 2.5mm ² to 6mm ²	£6.67
809-2271	#10 Stud Size, 10mm ² to 10mm ²	£6.65
809-2284	#10 Stud Size, 16mm ² to 16mm ²	£5.55

UNINSULATED DIN 46234 CRIMP RING TERMINALS

- Made from copper with a brazed seam
- Available with variety of wire and stud sizes

809-2228 M4 Stud Size, 0.5mm² to 1.5mm², 22AWG to 16AWG £1.98809-2230 6.5mm Stud Size, 0.5mm² to 15mm² £4.84809-2240 6.5mm Stud Size, 1.5mm² to 2.5mm² £6.39809-2274 6.5mm Stud Size, 10mm² to 10mm² £7.34809-2293 6.5mm Stud Size, 16mm² to 16mm² £5.78809-2265 6.5mm Stud Size, 2.5mm² to 6mm² £9.91809-2303 6.5mm Stud Size, 25mm² to 25mm² £9.74809-2278 8.4mm Stud Size, 10mm² to 10mm² £8.97809-2296 8.4mm Stud Size, 16mm² to 16mm² £6.60809-2268 8.4mm Stud Size, 2.5mm² to 6mm² £12.18809-2307 8.4mm Stud Size, 25mm² to 25mm² £5.71809-2322 8.4mm Stud Size, 35mm² to 35mm² £9.20809-2331 8.4mm Stud Size, 50mm² to 50mm² £22.14809-2287 10.5mm Stud Size, 10mm² to 10mm² £10.61809-2290 10.5mm Stud Size, 16mm² to 16mm² £7.72809-2262 10.5mm Stud Size, 2.5mm² to 6mm² £15.56809-2316 10.5mm Stud Size, 25mm² to 25mm² £8.80809-2325 10.5mm Stud Size, 35mm² to 35mm² £10.02809-2347 10.5mm Stud Size, 50mm² to 50mm² £11.74809-2280 13mm Stud Size, 10mm² to 10mm² £9.51809-2300 13mm Stud Size, 16mm² to 16mm² £8.70809-2319 13mm Stud Size, 25mm² to 25mm² £10.50809-2329 13mm Stud Size, 35mm² to 35mm² £12.07809-2335 13mm Stud Size, 50mm² to 50mm² £14.04809-2313 17mm Stud Size, 25mm² to 25mm² £13.25809-2338 17mm Stud Size, 35mm² to 35mm² £15.11809-2344 17mm Stud Size, 50mm² to 50mm² £16.17

TUBULAR RING TERMINALS

- Made from copper with a tin plating
- Ideal for use on multi-stranded cables
- Available with a flared or a chamfered entry for ease of wire insertion



125-1961 10.5mm stud, 4AWG £4.30

125-1963 10.5mm stud, 10AWG £10.28

125-1959 6.5mm stud, 6 AWG £5.80

125-1960 8.4mm stud, 6 AWG £3.50

125-1962 8.4mm stud, 4 AWG £6.50

841-7601 M6, 10mm² £14.18841-7598 M6, 6mm² £8.39841-7605 M6, 10mm² £13.52841-7617 M6, 16mm² £15.97841-7620 M6, 25mm² £12.39841-7608 M8, 8mm² £8.39841-7614 M8, 10mm² £12.21841-7611 M8, 16mm² £14.75841-7623 M8, 25mm² £11.70841-7636 M8, 35mm² £17.72841-7627 M10, 25mm² £12.76841-7639 M10, 35mm² £18.79841-7633 M10, 50mm² £26.81841-7645 M10, 70mm² £42.98841-7658 M10, 95mm² £12.12841-7655 M10, 120mm² £16.72841-7667 M10, 150mm² £24.37841-7642 M12, 50mm² £25.48841-7649 M12, 70mm² £41.07841-7651 M12, 95mm² £11.73841-7664 M12, 120mm² £16.24841-7661 M12, 150mm² £23.72

INSULATED SPADE CONNECTORS

- Made from copper with a tin plating
- Vinyl or nylon insulation with a flared design for easy wire insertion
- Colour coded to correspond with the wire size they are used with
- Various metric sizes available

534-632 Blue M3.5, 1.5 - 2.5mm² £6.02534-626 Blue M4, 1.5 - 2.5mm² £6.02613-9435 Blue M4, 6.4mm, 1.5 - 2.5mm² £7.36613-9514 Blue M5, 1.5 - 2.5mm² £4.63534-604 Blue M6, 1.5 - 2.5mm² £8.69239-4177 Mini-Yellow M3, 0.2 - 0.5mm² £7.89208-2515 Red M3, 0.5 - 1.5mm² £4.44613-9384 Red M3, 5.7mm, 0.5 - 1.5mm² £5.99534-272 Red M3.5, 0.5 - 1.5mm² £7.70613-9441 Red M3.5, 5.7mm, 0.5 - 1.5mm² £6.43

125-1957 Red M3.5, 22-16 AWG £7.58

534-266 Red M4, 0.5 - 1.5mm² £8.73613-9479 Red M4, 6.4mm, 0.5 - 1.5mm² £7.33

125-1958 Red M4, 22-16 AWG £6.93

613-9491 Red M5, 8.1mm, 0.5 - 1.5mm² £6.52534-244 Red M6, 0.5 - 1.5mm² £7.52534-496 Yellow M4, 2.5 - 6.5mm² £17.31613-9564 Yellow M4, 7.2mm, 4 - 6mm² £9.89534-480 Yellow M5, 2.5 - 6.5mm² £11.64613-9586 Yellow M5, 9mm, 4 - 8mm² £9.91534-474 Yellow M6, 2.5 - 6.5mm² £20.59

INSULATED DOUBLE CRIMP SPADE TERMINALS

- Made from brass with a copper sleeved barrel
- Vinyl or nylon insulation with a flared design for easy wire insertion
- Colour coded to correspond with the wire size they are used with

267-3852 Blue M3.5, 1 - 2.6mm² £8.06267-3846 Blue M4, 1 - 2.6mm² £15.92267-3717 Red M3, 0.5 - 1.5mm² £9.03267-3701 Red M3.5, 0.5 - 1.5mm² £10.10267-3694 Red M4, 0.5 - 1.5mm² £8.04

CRIMP TERMINALS & TOOLS

INSULATED DOUBLE CRIMP TAB TERMINALS

- Made from brass with a copper-sleeved barrel
- Vinyl or nylon insulation with a flared design for easy wire insertion
- Colour coded to correspond with the wire size they are used with



125-1953	Blue, 6.35mm, 1.5-2.5mm ²	£10.64
534-682	Blue, 6.35mm, 16-14 AWG	£8.20
267-4439	Red, 4.8mm, 0.5-1.5mm ²	£17.12
125-1952	Red, 6.35mm, 22-16 AWG	£10.32
534-323	Red, 6.35mm, 0.5 - 1.5mm ²	£6.91
125-1954	Yellow, 6.35mm, 4-6mm ²	£16.42
534-547	Yellow, 6.35mm, 12-10 AWG	£12.16

FULLY INSULATED HEAT SHRINK TAB WIRE TERMINALS

- Made from tin plated brass - 6.35mm
- High density PE (polyethylene) heat shrink sleeve and nylon insulation
- Colour coded to correspond with the wire size they are used with



125-1977	Red, 22 - 16AWG	£33.94
125-1978	Blue, 16 - 14AWG	£35.24
125-1979	Yellow, 12 - 10AWG	£44.44

STUD MOUNT TAB TERMINALS

- Made from tin plated brass
- Available as single or double ended and with a range tab orientation angles



125-1980	M2, 2.8mm, 135 deg	£2.13
125-1992	M2, 2.8mm, 90 deg	£2.49
125-1982	M3.5, 4.75mm, 45 deg	£2.96
125-1983	M4, 4.75mm, 45 deg	£2.90
125-2004	M4, 6.35mm, straight	£5.16
125-1991	M5, 6.35mm, 2x45 deg	£7.26
125-1987	M5, 6.35mm, 45 deg	£5.01

PCB MOUNT TAB TERMINALS

- Made from tin plated brass
- Available with vertical or right angle tab orientation angles



125-2003	Vertical, 0.8 x 4.75mm	£2.64
125-2006	Vertical, 0.8 x 6.35mm	£5.00
125-2007	Right Angle, 0.8 x 6.35mm	£6.01
125-2008	Vertical, 0.8 x 6.35mm	£3.97

12 WAY INSULATED DOUBLE TAB TERMINAL

- Made of tin plated copper - overall length 141.6mm
- Temperature rating: 70°C (PVC)
- Temperature rating: 90°C (PP)



510-4753	6.35 x 0.8mm - PVC	£16.43
510-4769	6.35 x 0.8mm - PP	£30.96

FERRULE KITS

- Ferrule kits with or without tool for finishing stranded wires.
- 228-0321 & 266-0288 - French colour code
- 513-2540 - DIN46228 standard



CRIMP TERMINAL - KITS

- A Choice of crimp kits of various sizes with common Red, Yellow, Blue crimp terminals
- Various styles per kit, with or without tool
- Check online for full kit details



109-797	Crimp - 500 pcs + Tool	£72.24
613-9974	Crimp & Splice - 750pcs	£80.24
613-9952	Crimp & Splice - 750pcs + Tool	£143.55
534-828	Crimp - 230 pcs + Tool	£31.01

HELAGRIP CABLE MARKER APPLICATION TOOLS

- Suitable for use with Helagrip markers sizes B and C
- The tools are PTFE coated for ease of application
- 2mm



HYDRAULIC CRIMPER & DIE SETS

- Robust hydraulic crimping tool with spring loaded handles
- Single hand operations, letting the other hand free to position the connector
- Replacement die sets are also available separately

624-1285 Hydraulic crimp tool, 25 - 185mm²

£455.88



533-279

£72.71

CRIMP TOOL FOR SPLICE TERMINALS

- Ideal for both insulated and uninsulated ferrules
- The ergonomic ratchet tools produce trapeze crimps
- Cover a wide range of cables sizes from 0.25 mm² to 50.0 mm²
- Tools are suitable for both right and left handed operation

683-1605 CrimpTool, End Splice, 0.5 - 6mm²

£100.70

683-1614 CrimpTool, End Splice, 10 - 25mm²

£116.36



399-2019

£93.57



399-2031

£117.23

CRIMP TOOL FOR 0.14 MM² TO 10.00 MM²

- Suitable for crimping insulated and non-insulated ferrules with two crimp profiles
- Compact and lightweight, with ergonomically shaped handles
- Ratchet mechanism with emergency release ensuring terminations are crimped properly
- Non-slip grip pad on the tip of the handle allowing for extra pressure

122-1791 Hex - 0.14-10.00mm², 26 - 8AWG

£142.88

122-1790 Square - 0.14-10.00 mm², 26 - 8AWG

£138.26



473-0648

£31.92



624-1291

£37.89

RF CONNECTOR CRIMP TOOL

- A high quality low cost ratchet action crimp tool for terminating both 50Ω and 75Ω connector ranges such as BNC, TNC, UHF, mini UHF and SMA; groups A and C
- Not suitable for BNC connectors utilising cable groups H, J, M, S or T

HAND CRIMP TOOL FOR TUBULAR TERMINALS

- Designed for crimping copper tubular terminals with a wire size range of 0.3 to 16mm²
- The ratchet mechanism will not release until the dies are fully closed

CRIMP TERMINALS & TOOLS

BOOTLACE FERRULE HAND CRIMP TOOL

- Plier action tool for crimping bootlace ferrules with a wire size range of 0.5 to 16mm².



464-482

£52.69

RATCHET CRIMPING TOOLS

- Insulated AMP-type flag tool has 2 crimping cavities
- Heatshrink & insulated terminal tool has 3 crimping cavities; 125mm² (22-16 AWG), 2mm² (16-14 AWG) and 5.5mm² (12-10 AWG)



125-1966 AMP flag terminals

£38.81

125-1965 Heatshrink terminals

£38.50

125-1964 Insulated terminals

£38.50

HEAVY DUTY CRIMPER

- Crimping tool with an adjustable indent crimp
- Suitable from 10mm² to 95mm²
- Suitable for use with aluminium terminals (8AWG - 4/0) and copper terminals (8AWG - 250MCM)



445-611

£84.28

HYDRAULIC HAND CRIMPING TOOL

- Suitable for aluminium and copper cables with a wire size range of 4 to 150mm²
- The head rotates 360° allowing easy accessibility and crimping in confined working areas
- No power supply required, making this tool ideal for off-site use



DIE SETS FOR HEAVY DUTY CRIMP TOOL

- Die sets for use with heavy duty hand crimp tool

241-4748 120 - 150mm²

£60.58

241-4732 16 - 25 - 35 - 50mm²

£60.58

241-4726 6 - 10 - 70 - 95mm²

£60.58

UNIVERSAL FRAME BOOTLACE FERRULE DIE SET

- For use with Universal Frame



PLIER CRIMP TOOL

- Crimp connector type: QM multipole
- Suitable for a wire size from 14 to 24AWG



468-686

£29.24

HYDRAULIC CRIMP TOOL DIE SETS

- Sets cover the cable range 10, 16, 25, 35, 50 and 70mm²

445-891 10mm²

£79.96

445-908 16mm²

£79.96

445-914 25mm²

£79.96

454-851 35mm²

£79.96

454-867 50mm²

£79.96

454-873 70mm²

£92.50

SLIMLINE GENDER CHANGERS

- Ideal where space is limited and provide shielding against RFI/EMI interference
- All lines are wired pin to pin (excepting VGA types where pins 12 and 15 are not used) and locking hardware is included
- Durability of 100 mating cycles



218-194	25 way M-M sub-mini D	£7.75
218-201	25 way F-F sub-mini D	£6.74
218-217	15 way M-M sub-mini D	£8.51
218-223	15 way F-F sub-mini D	£9.79
218-239	9 way M-M sub-mini D	£7.56
218-245	9 way F-F sub-mini D	£6.81
233-8931	15 pin VGA port F-F	£9.59

SHIELDED BACKSHELLS - MICRO D

- Designed for high integrity connections in industrial, commercial and military applications
- Gold plated copper alloy contacts with crimped wire terminations
- Resistant to shock and vibration



377-2528	£47.96
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FILTERED ADAPTOR

- Provides equipment with effective EMC
- Incorporates 1000pF ceramic capacitors
- Designed as a plug and socket interface to fit any standard sub-miniature D connectors

**9-25 WAY MINI ADAPTORS**

- Two slimline serial port adaptors conveniently converting 9 way D type to 25 way serial connectors

238-7365	£11.58	243-0374	£13.04
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PC EXPANSION SLOT PLATES

- PC expansion slot covers which are offered either blank or pre punched to accept D connectors
- Internal cable assemblies to connect between the blanking plates and the mother board of the PC are also available
- Board connection is via IDC connectors (0.1 inch pitch)
- The lead is 300mm in length



544-3402	9 way	£16.22
544-3418	15 way	£16.69
544-3430	25 way	£17.25

SCREWDOWN METALLISED ABS BACKSHELLS

- Lightweight ABS housing is nickel plated to optimise EMI/RFI shielding effectiveness
- The backshell provides the perfect balance between durability and economical considerations



544-4039	9 way	£2.07
544-4051	15 way	£2.30
544-4398	25 way	£2.44

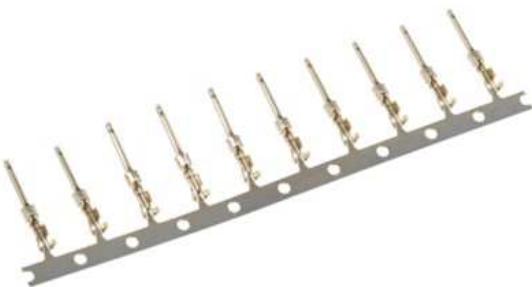
243-0352	£14.16	287-9404	£3.22
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D-SUB CONNECTORS



MALE CRIMP D-SUB CONNECTOR CONTACT

- Copper alloy material
- Gold over nickel contact plating
- Wire size from 24 to 20AWG (max 5A)



481-140	Male contact, 5A	£1.44
481-156	Female contact, 5A	£1.11

MALE SOLDER D-SUB CONNECTOR CONTACTS

- For use with high density D plug and socket connector housings
- Recommended wire size 28 to 24AWG



481-493	Plug	£2.91
481-500	Socket	£4.49

POWER/COAXIAL CONTACTS - MIXED D

- Designed for use in mixed layout
- Connector shells including Power, Coaxial and High Voltage types
- PCB holes for coax plug and socket
- PCB mounting inserts are not suitable for use with right angle PCB connectors.



301-6812	Straight power D contact, Plug 20A	£1.59	642-4834	9 way, plug	£2.50
301-6828	Straight power D contact, Skt 20A	£2.10	642-4878	25 way, plug	£3.23
311-5694	Contact plug, coax, RG 174, straight, 50 ohm	£3.86	642-4907	9 way, socket	£2.68
311-5701	Contact skt, coax, RG 174, straight, 50 ohm	£4.14	642-4913	25 way, socket	£2.82
311-5767	High Power pin B - 12AWG, 40A	£1.56	642-4929	37 way, socket	£2.25
311-5773	High Power socket 8 - 12AWG 40A	£2.08			

COMMERCIAL 0.05IN D-SUB SHELLS

- Grey polyester insulator to UL94-V0 with gold over nickel plated contacts in a metal shell
- Fit to Speedibloc® ribbon cable for end termination or daisy chaining
- IDC Zn plated D 0.05in pitch



492-664	9 way, plug	£6.05
492-642	25 way, plug	£9.70
492-636	37 way, plug	£18.15
492-648	9 way, socket	£17.96
492-654	15 way, socket	£7.50
492-658	37 way, socket	£18.15
492-660	25 way, socket	£9.70

IDC D-SUB CONNECTORS

- IDC D-sub connectors, plugs and sockets version
- 0.8µm selective gold plated pins
- 2.77mm pitch



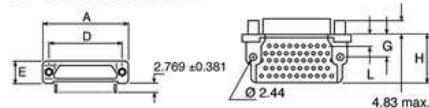
STRAIGHT PCB MOUNT D-SUB CONNECTORS

- Designed to solder directly to PCBs and meets the size requirements of MIL-C-24308
- Machined copper alloy contacts - 5A, 750V
- Conforms to BS9523, F0010 and F0018

**MICRO-D RIGHT ANGLE PCB MOUNT**

- 127mm pitch and narrow profile meeting MIL-C-83513 requirement
- Gold plated copper alloy pin contacts made from a precision miniature spring cable
- Protected from moisture and isolated from each other and the metal shell.
- Aluminium alloy with a yellow chromate over cadmium plating with a UL94V-0 glass filled polyester insulator

90° Narrow Termination



472-758	9 way plug	£11.27
472-764	9 way socket	£11.01
472-685	9 way r/a socket	£26.14
470-881	25 way sockets	£22.56
470-897	25 way plug	£21.52
472-786	15 way socket	£16.09
472-770	15 way plug	£13.69

90° PCB MOUNT D-SUB CONNECTORS

- Machined contacts for direct soldering to PCB
- Zinc passivated types with plastic feet for additional support



244-3768	25 way, plug, 3A	£50.67
245-0918	25 way, socket, 3A	£48.68

437-5487	9 way, plug	£5.54
437-5493	15 way, plug	£5.66
437-5500	25 way, plug	£9.11
437-5516	37 way, plug	£12.45
437-5522	9 way, socket	£4.31
437-5544	15 way, socket	£7.81
437-5566	37 way, socket	£15.93

90° PCB MOUNT PLUG & SOCKET

- Machined contacts
- Dimpled plug shells for reliable grounding



528-3711	15 way, socket	£9.81
528-3660	15 way, plug	£9.29
528-3682	37 way, plug	£25.15
528-3698	50 way, plug	£39.85

FIBREGLASS BRAIDED SLEEVING

- Highly flexible silicone impregnated braided glass sleeving
- Offers protection with excellent handling properties
- High temperature resistant capabilities
- 8mm



668-1245	6mm	£6.06
668-1248	8mm	£6.68
668-1242	10mm	£11.46
668-1251	12mm	£13.17
668-1254	16mm	£17.12
668-1258	20mm	£27.36
668-1267	25mm	£33.87

PCB D SUB CONNECTORS

- A range of right angle PCB mount D-Sub connectors with Nickel plated steel shells
- Brass Gold flash plated stamped contacts
- Brass Tin plated grounding hook boardlocks
- 9.4mm footprint



811-7115	9 way right angle plug	£1.86
811-7119	9 way right angle socket	£2.01
811-7121	15 way right angle socket	£2.57
811-7128	15 way right angle plug	£2.27
811-7125	25 way right angle plug	£2.80
811-7134	25 way right angle socket	£3.25
811-7131	37 way right angle socket	£5.53
811-7137	37 way right angle plug	£4.15

D-SUB CONNECTORS

METAL SHELLS, TERMINATED - MICRO D

- Machined aluminium housings with glass filled polyester insulators
- Colour coded 450mm PTFE lead (MIL Std 681)
- Cadmium plating for military application Ω



452-940	9 way, plug, 3A	£34.08
452-956	15 way, plug, 3A	£44.50
452-962	25 way, plug, 3A	£62.47
452-978	37 way, plug, 3A	£87.70
452-984	51 way, plug, 3A	£103.62
452-990	9 way, socket, 3A	£35.84
453-909	15 way, socket, 3A	£47.13
453-915	25 way, socket, 3A	£67.68
453-921	37 way, socket, 3A	£80.64
453-937	51 way, socket, 3A	£109.30

MACHINED STRAIGHT PLUG & SOCKET 750VAC

- Meets the size requirements of MIL-C-24308
- Machined copper alloy contacts
- Solder bucket termination



472-837	9 way, plug	£14.80
472-859	15 way, plug	£19.80
470-910	25 way, plug	£22.17
472-843	9 way, socket	£13.54
470-904	25 way socket	£27.48
472-871	37 way, plug	£42.67

HIGH SPECIFICATION STRAIGHT

- Compatible with BS9523, F0013 & Mil-24308 variants
- High reliability and military performance
- 2.5 μm gold plated plating
- Moisture resistant one piece insulator



482-777	9 way plug, 5A 750Vdc / ac	£17.47
482-812	9 way solder socket, 5A 750Vdc / ac	£19.63

PANEL MOUNT D STRAIGHT

- Passivated zinc plated steel body
- Solder bucket wiring
- Suitable for holes cutters



WATERPROOF D-SUB PANEL MOUNT CONNECTORS - SOLDER

- IP68 panel mount connectors
- Housed in tough PA66 material distinctive red silicone O-Rings for sealing
- Shells manufactured from SPCC grade steel with a nickel plating
- Fully sealed solder bucket connectors



122-3036	9 way, Male	£8.57
122-3035	9 way, Female	£8.57
122-3038	15 way, Male	£13.35
122-3037	15 way, Female	£13.35

WATERPROOF D-SUB FIELD INSTALLABLE CABLE MOUNT CONNECTORS

- IP67 cable mount connectors
- Featuring silicone cable end gaskets and EDPM rubber pads
- Shell is manufactured from SPCC grade steel with a nickel plating
- Contacts are formed from high grade copper alloy with a gold flash



122-3044	9 way, Male	£9.06
122-3043	9 way, Female	£9.13
122-3046	15 way, Male	£9.44
122-3045	15 way, Female	£9.51

FORMED STRAIGHT PLUG AND SOCKET (COMMERCIAL)

- Connectors with stamped and formed contacts
- Shell and terminations to MIL-C-24308
- Tinned and dimpled plug/shells offer good grounding and continuity
- Tinned solder bucket terminations
- Good EMI/RFI protection, 500Vac voltage rating



544-3727	9 way, plug	£2.76
544-3749	9 way, socket	£2.75
544-3761	15 way, plug	£3.26
544-3783	15 way, socket	£3.85
544-3806	25 way, plug	£3.77
544-3828	25 way, socket	£3.49
544-3840	37 way, plug	£7.34
544-3878	37 way, socket	£8.45
544-3890	50 way, plug	£11.98
544-3913	50 way, socket	£11.09

MACHINED STRAIGHT PLUG AND SOCKET (COMMERCIAL)

- Connectors with machined contacts
- Conforms to BS9523, F0010 and F0018
- Solder bucket types with grounding fingers on the plug shell ensure protection from RFI/EMI



544-3733	9 way plug	£4.64
544-3755	9 way socket	£6.26
544-3777	15 way plug	£7.06
544-3799	15 way socket	£9.20
544-3812	25 way plug	£17.35
544-3834	25 way socket	£15.49
544-3856	37 way plug	£15.49
544-3884	37 way socket	£21.57
544-3907	50 way plug	£22.43
544-3935	50 way socket	£32.20

XLR FORMAT METAL USB

- Connect and adapt different USB types through a sturdy panel mount connection
- Designed to fit within a standard XLR format chassis
- Suitable for wall plugs and rack mounting
- Can be mounted from front or back
- Low rear profile ensures space saving



907-5628	Metal, USB 2.0, B-A, Black, Countersunk	£6.79
916-0227	Metal, USB 2.0, B-A, Black	£6.79
907-5637	Metal, USB 2.0, B-A, Countersunk	£6.79
907-5624	Metal, USB 3.0, B-A, Countersunk	£10.80
916-0224	Metal, USB 3.0, B-A	£10.80
916-0221	Metal, USB 2.0, A-A, Black	£6.79
916-0230	Metal, USB 2.0, A-B, Black	£6.79
907-5630	Metal, USB 2.0, A-B, Countersunk	£6.79
916-0215	Metal, USB 3.0, A-A, Black	£9.76
907-5621	Metal, USB 3.0, A-B, Countersunk	£9.76

USB GENDER CHANGERS IN XLR SHELL

- USB connectors to convert from USB 2 A to B or USB 2 B to A
- Designed for professional broadcasting, audio and lighting applications
- Rugged housings manufactured from nickel plated zinc in self-coloured or black options
- Suitable for front or rear panel mounting



862-1573	B-A, socket	£4.07	895-0556	Female	£1.40
862-1579	A-B, socket	£4.07	895-0552	Female, locking spring	£1.62

XLR USB TYPE A X 2 PANEL CONNECTOR

- Suitable for conjunction or to replace XLR panel mount connectors
- Ideal for audio panel interfaces or computer systems
- Each socket has individual terminals for PCB or cable connection



862-1567	USB 2.0	£5.17
862-1576	USB 3.0	£8.48

WATERPROOF MICRO USB PANEL MOUNT JACKS

- Recommended panel thickness of 0.8mm to 3.0mm and a 16mm panel hole size
- IP67 rated and manufactured from rugged thermoplastic materials
- Ideal for harsh environments where the protection from water and dust ingress is essential



111-6751		£12.42
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WATERPROOF METAL USB-A PANEL MOUNT JACKS

- IP68 panel mount jacks
- Copper alloy gold plated contacts housed in a copper alloy nickel plated shell
- Red silicone O-Rings ensure a tight weatherproof grading
- EMI shield plates for interference screening
- Ideal for application where the prevention of dust and water ingress is essential



122-3032	USB-A 3.0 Metal C3 DIP Screw	£21.08
122-3030	USB-A Metal C3 DIP Screw	£16.46
122-3022	USB-A Metal C4 DIP Screw	£18.70
122-3021	USB-A Metal C4 Screw	£22.19
111-6761	USB-A Plastic C3 Screw	£11.17
111-6759	USB-A Plastic C3 Panel Screw Coupler	£8.97

USB-C PCB CONNECTORS

- USB C right angled sockets
- Slim and compact design makes them ideal for small portable devices
- PCB mounting sockets feature the unique reversible connection
- Typical applications would include smartphones, tablets, PCs and cameras

**WATERPROOF METAL MINI USB-B PANEL MOUNT JACKS**

- IP68 panel mount jack with copper alloy gold plated contacts in a copper alloy nickel plated shell
- Red silicone O-Rings to ensure a tight weatherproof grading
- EMI shield plated for interface screening
- Suitable for applications where the prevention of dust and water ingress is essential
- Mini USB DIP screw



122-3026		£18.70
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WHEN BUILDING MAINTENANCE MATTERS

Find problems before they become an issue.

RS PRO is the only global brand supporting your building maintenance needs across all the relevant technologies such as Tools, Electrical Inspection, Thermal Imaging, Fasteners & Fixings, HVAC, Cleaning and Facility Maintenance.



CABLES & WIRES



- | | |
|---|-------------------------------|
| 214 AUDIO CABLE | 257 SENSOR CABLE |
| 216 CABLE ACCESSORIES | 258 ELECTRICAL CABLE |
| 219 CABLE TOOLING | 269 HEATING CABLE |
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| 224 CABLE SLEEVING & WRAPPING | 272 DATA CABLE |
| 225 CABLE TIES | 279 SINGLE CORE CABLE |
| 228 HEATSHRINK | 292 THERMOCOUPLE CABLE |
| 230 CABLE CONDUIT, TRUNKING & PROTECTORS | |
| 238 CABLE GLANDS & GROMMETS | |
| 243 COAXIAL CABLE | |
| 247 VIDEO CABLE | |
| 254 USB CABLE | |

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AUDIO CABLE

SEMI-CONDUCTIVE SCREENED MICROPHONE CABLE

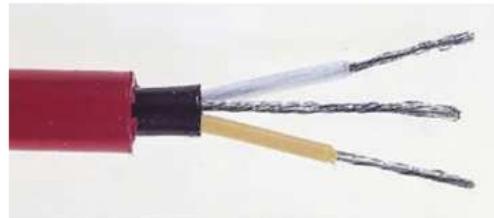
- Cores of 7/0.2mm tinned annealed copper insulated with polyethylene
- Good screening properties
- Outer sheath made with black PVC
- Ideal for audio, microphone, and instrumentation applications
- 100m reel



748-1942 2 core	£50.49
748-1954 3 core	£69.01
748-1951 4 core	£79.68

FLEXIBLE SEMI-CONDUCTIVE MICROPHONE CABLE - TYPE 2

- A pair of 32/0.12mm tinned copper conductors insulated with polyethylene
- 30/0.12mm tinned copper drain wire
- Good flexibility over a wide temperature range
- Capacitance 165pF/m: Reel Weight 5.6kg
- 2 core 100m reel



ROUND OVERALL BRAIDED SCREEN CABLE

- 16/0.2 mm plain copper stranded conductors
- PVC insulated with braided screen and grey PVC sheath
- Capacitance: core to screen 380pF/m (Single)
- Capacitance: core to screen 230pF/m (Twin)



749-2576 25m	£25.70
749-2572 100m	£99.29

HIGH GRADE OVERALL LAPPED SCREEN BRAID LOW NOISE CABLE

- Construction ensures good transmission properties
- Suitable for professional audio and low-level programme circuits
- 50m reel



783-2810	£57.57
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MINIATURE BRAIDED SCREEN TWIN ROUND PVC CABLE

- Capacitance: 215 pF/m core to screen
- 7/0.2mm plain copper stranded conductors
- Braided screen with overall grey PVC sheath
- Twisted cores for hum reduction
- 100m



749-2591	£70.64
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TWIN FIGURE OF 8

- Two plain copper stranded (7/0.25 mm) conductors laid side by side in a flat, 'figure 8' PVC insulating sheath
- One leg of twin has a stripe for identification
- Selection of sheath colours
- 0.5mm wall thickness
- 100m reel



714-0307 Black	£13.56
714-0304 White	£13.56
714-0316 Grey	£24.75
714-0310 Clear	£24.75

2-CORE PVC SHEATHED LOUDSPEAKER CABLE

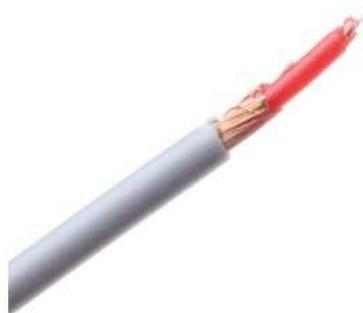
- Featuring a large number of fine strands for improved flexibility
- the cable is round for ease of routing and installation
- 100m reel



749-2598 1.5mm ²	£63.30
749-2608 2.5mm ²	£138.02

MEDIUM LAPPED SCREEN BRAID PVC CABLE

- For general audio connector use
- 18 / 0.1 mm plain copper stranded conductors
- PE insulated, plain copper lap screened and grey PVC sheath overall
- Capacitance: Core to screen 145 pF/m
- Diameters: round 1.9mm
- 100m reel



749-2554	£24.57
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LAPPED SCREEN BRAID SEMI-CONDUCTIVE PVC CABLE

- Low-noise, single-core screened cables for use in low-level signal circuits
- Plain copper stranded conductors are insulated with PE
- Plain copper braided and Black PVC sheathed overall
- Nominal impedance is 50 Ω
- 25m reel



783-2829	£18.84
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3.5MM JACK TO 3 X PHONO PLUGS CABLE ASSEMBLY

- Audio/Video cable for the Raspberry Pi 1 Model A+, B+ and Raspberry Pi 2 Model B single-board computers
- 3.5mm 4-pole jack for connection to computer board
- 3 x RCA (phono) jacks for connection to stereo audio amplifier or TV
- Yellow: Composite video, Red: Left audio, White: Right audio
- 1.8m reel



832-6278	£3.41
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TWIN MEDIUM LAPPED SCREEN BRAID PVC CABLE

- Twin medium lapped screen cable for general audio connector use.
- 18 / 0.1 mm plain copper stranded conductors
- PE insulated, plain copper lap screened and grey PVC sheath overall
- Capacitance: core to screen 90 pF/m, core to core 140 pF/m
- Twin type does not have twisted cores
- Diameters: round 3.7mm
- 100m reel



749-2563	£40.73
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JACK TO JACK CABLE ASSEMBLIES

- Mono jack to jack cable assembly ideal for home, stage or studio
- Highly flexible cable terminating at each end with a two pole jack 1/4" jack plug
- Connectors according to EIA RS-453 / IEC 60603-11
- "Silent switch" on plug helps eliminate pop on insertion and withdrawal
- Operating temperature -20°C to +70°C



899-7410 Jack - Ang Jack, Lead 6m	£6.82
899-7416 Jack - Ang Jack, Lead 3.05m	£4.71
899-7407 Jack - Jack, Black, 0.5m	£3.59
899-7404 Jack - Jack, Black, 3.05m	£5.88
899-7400 Jack - Jack, Black, 1.5m	£4.63
899-7413 Jack - Jack, Black, 6m	£8.52

P-CLIPS

- A range of P-clips for secure clamping of pipes, conduits and cables.
- Available in bright zinc plated steel or A2 grade 18 / 8 stainless steel
- Supplied with TPE or PVC liners to prevent chafing of pipe, cable, etc.
- Temperature range -30°C to 60°C
- Available in BZP Steel and Nylon



186-5353	BZP Steel, 10mm	£4.05
186-5375	BZP Steel, 12mm	£4.66
186-5381	BZP Steel, 16mm	£4.93
186-5397	BZP Steel, 20mm	£4.37
186-5404	BZP Steel, 25mm	£5.74
614-019	Nylon .20mm 6.7mm	£13.97

STAINLESS STEEL SADDLE CLAMP

- ISO Conduit threads to BS 4568:1:1970
- UL Classified in accordance with European Standard EN50086



471-1300	20mm	£62.02
471-1316	25mm	£66.31

CONCLAMP CABLE BUSH

- Provides cable entry, clamping and termination in equipment housings
- Suitable where the depth behind the panel is restricted



614-491	Black	£7.76
390-022	Blue	£6.19

ROUND SELF-ADHESIVE CLIP

- For cable bundle diameters from 4.06mm to 15.75mm
- Clip made of natural nylon with UL flammability 94V-2F
- Flexible centre tang for removal or addition of cables



404-433		£7.37
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ADJUSTABLE CABLE CLAMP

- Able to fit various cable with one clamp size
- Nylon 66 UL 94V-2 material
- Easy installation, unlimited usage



817-8946		£8.43
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SELF-ADHESIVE ADJUSTABLE CABLE CLIP

- Ladder style fastener is easily released and refastened
- Optional hole for M2 flat head screw



404-455	70x18mm	£24.54
404-449	90x21mm	£27.44
404-443	108x21mm	£30.25

FLAT CABLE CLAMP

- Ideal to clamp down ribbon cable by only using finger pressure
- Nylon 66 UL 94-2 material
- Natural colour
- 45.1x18.5x16.3mm



404-433		£7.37
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P CABLE CLIPS

- Suitable to hold cables, tubes and components in electronics and domestic appliances
- Nylon 66 UL 94-2 material in natural colour
- Radiused interior edges for cable insulation protection



817-8956	3.1mm	£5.81
817-8952	5mm	£5.92
817-8968	6.35mm	£2.28
817-8959	12.7mm	£9.63

WIRE SADDLES

- Ideal accessory when additional cables need adding or removing.
- Nylon 66 material



817-8899	6.6x3.8x78mm	£2.79
817-8895	7.9x3.8x9.7mm	£3.02
817-8902	9.3x4.0x13.4mm	£3.33

LOCKING WIRE SADDLE

- Used for directing and gathering cables
- Using fingertip pressure the cable can lock into the 4.8mm hole.
- Nylon 66 UL94V-2, natural colour



817-8965		£14.67

SELF ADHESIVE WIRE CLIP

- A metal wire clip with self adhesive tape
- Ideal for quick cable organisation and fixing



817-8921	19.4x10mm	£11.58
817-8912	25x15mm	£12.04

SEPARATOR CABLE CLAMP

- Used to support, organise and separate cables and wires
- Manufactured from Nylon 6.6 that is UL 94V-2 approved



817-8910		£7.52

RIBBON CABLE SELF-ADHESIVE CLAMPS

- PVC ribbon cable clamps available in two sizes to cover a range of ribbon cable widths
- Self adhesive base
- Working temperature: 20°C to +50°C



233-180	13mm	£14.13
233-190	24mm	£14.50

STANDOFF TWIST TIE

- Can be used by locking into pre drilled holes
- Nylon 66 material
- Natural colour



817-8909	Twist tie 10.4mm	£6.34
817-8974	Clamp 6 - 7mm	£19.06
817-8978	Clamp 9 - 10mm	£19.39
817-8962	Clamp 12 - 14mm	£23.66
817-8971	Clamp 16 - 18mm	£31.75
817-8906		£5.47

NYLON TWIST LOCKS - CABLE CLIPS

- Cost saving solution to tidying cable bundles
- Ideal inside cabinets or where crushing is to be avoided (fibre optics)
- The twist ties are available in a range of sizes to suit a variety of bundle sizes



CABLE ACCESSORIES

METAL SELF-ADHESIVE CLIPS

- Aluminium cable clips designed for use with cables and pipes
- Easy cable wrapping and locking
- All clips incorporate a large self-adhesive area for easy attachment



475-154	Open arm clip, 13mm	£9.81
475-164	Open arm clip, 19.3mm	£10.30
475-148	Clip, 13mm	£27.19
475-158	Clip, 19mm	£33.95

METAL SELF-ADHESIVE HOOK

- White plasticised aluminium cable hook
- Incorporates a large self-adhesive area for easy attachment



475-142		£20.75
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METAL SELF ADHESIVE CABLE CLIPS

- Fast attachment and adjustable
- Holds cable firmly in position
- Can be reopened and closed
- All clips incorporate a large self adhesive area for easy attachment



475-198	Aluminium, 6mm	£10.68
475-160	Aluminium 9.5mm	£15.85

DISTANCE SADDLE FOR CONDUIT

- Provide approximately 7mm stand off
- Cast iron base and pressed steel top, fixed via single hole.



606-002	20mm	£25.43
606-018	25mm	£35.09

PVC CONDUIT SADDLES

- Suitable for 20mm and 25mm diameter conduits
- Fixed via single hole
- Available in white and black colours



917-2000	Black, 20mm	£2.00
917-2019	Black, 25mm	£0.80
917-2006	White, 20mm	£2.00
917-2003	White, 25mm	£0.78

POLYTHENE CABLE CLEATS

- LDPE (low density polyethylene) has high strength and impact resistance
- Resistant to corrosion and UV light
- It is stable at temperatures of -30°C to +60°C



184-5214	12.7mm	£3.98
184-4615	15.2mm	£6.05

RATCHET CRIMP TOOL

- Professional ratchet crimping tools for use with insulated terminals.
- Suitable for use on insulated vinyl, polycarbonate and nylon Red, Blue and Yellow
- Carbon Steel body hardened to 448HRC
- Available kit with removable slide in dies for different crimp terminal types



499-2313	1.5 - 6mm ²	£42.28
829-6524	10 - 22AWG	£26.05
828-0232	7 pieces kit, 0.5 - 10mm ²	£88.27

WIRE CUTTERS

- General purpose light duty wire cutters
- Ideal for educational environments
- Stainless steel version is fitted with moulded plastic grips and lightweight return springs
- Tool steel tools have PVC handle grips fitted with quick return coil springs



536-420	Semi-flush	£3.50
536-379	Side	£7.09
536-329	Side flush, Stainless Steel	£9.44

ANGLED WIRE CUTTER

- Frames are chemically blackened, with low tension return springs
- Fine cutting edge gives an efficient close cropping action
- Provided with a safety clip to arrest flying lead offcuts



548-164		£11.43
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HEAVY DUTY RATCHET CABLE CUTTER

- Heavy duty cable cutter with a powerful double pawl ratchet jaw closure
- Relatively small physical size allows for easy access & handling
- Polyethylene handle grips
- Not suitable for steel wire armour cable



541-6898		£149.10
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HIGH QUALITY CABLE CUTTERS

- Carbon steel rounded jaws designed to cut copper and aluminium
- Cutting head 46mm wide x 14mm deep
- Strips cable prior to termination/ connection capacity 0.3 to 25 mm² or 0.5 to 50mm²
- Dipped vinyl handles are comfortable and hardwearing



541-6551		£21.55
450-3496		£12.88

LIGHT DUTY CABLE CUTTER

- Light, curved jaw for effective shearing action on copper wires
- Moulded handle grip with spring return jaws
- Safety catch to lock jaws closed



CABLE, ROD & WIRE ROPE CUTTER

- Ideal for cutting unarmoured electrical cable, mild steel strand, high tensile steel rope, steel, copper, aluminium rod as well as steel and spring steel wire, without distorting the end profile of the material



450-3963

£3743

MICRO-TEK ESD WIRE STRIPPER/CUTTERS

- Precision Swiss made ESD safe cutters with unique stripping ability
- Thanks to the Anti-Shock system half the effort is required when cutting wire
- Strong and robust, with a size and shape reflecting the latest advances in enhanced ergonomics



847-2970

£14.02

INSULATED CABLE CUTTERS FOR ALUMINIUM & COPPER

- Designed to protect users from up to 1000 V
- Injection moulded Nylon 11 insulation for maximum protection and longer life
- Great choice when working in extreme climates and the most difficult conditions
- Ideal for both electrical and industrial engineering applications



911-1073 8"

£30.36

911-1077 9"

£35.40

911-1086 10"

£49.87

911-1089 Long Arm

£148.38

GENERAL PURPOSE ELECTRONICS CUTTERS

- High quality cutters with strong, pressed steel frames
- Riveted lap joints and precision ground jaws
- Ideal for frequent but light duty use



606-484	Electronic fine flush cutter	£10.70
606-490	Electronic flush cutter	£15.28
606-507	Electronic standard cutter	£18.55
245-0485	ESD fine flush cutter	£13.68
245-0491	ESD flush cutter	£13.76

2 IN 1 VDE SIDE CUTTERS

- Shear M3.5 pattress screws
- Precision cutting edges induction hardened
- Comfortable soft grip with matt chrome finish
- Slip guards according to EN/IEC 60900
- Impact protection safety buffers



707-4893

£30.83

DUAL ROMEX CABLE CUTTER & STRIPPER

- Carbon steel tool body for excellent strength and long tool life
- Double injection PVC grip for reduced slipping and a firm grip
- Complete with lever to lock pliers when shut to avoid opening in transit
- AWG stripping range: 12 - 14
- Bolts sizes: 6-32 - 8-32
- Overall length: 196mm



829-6521

£11.01

INSULATION WIRE STRIPPERS

- All cutting surfaces are precision formed, hardened, tempered and ground.
- Pivot pin, spring and precision handles enhance tool functionality and durability.
- Overall length: 136mm.
- Weight: 71g.



877-3383 350µm	£28.51
877-3387 400µm	£28.51

WIRE STRIPPERS

- Serrated tip solid wire stripper pliers with lock lid, automatic return spring and red colour vinyl grip.
- Overall length: 155mm.



540-1515 0.13 to 2.07mm², Stranded cable	£15.50
540-1509 0.2 to 0.8mm², Solid cable	£15.23

FIBRE OPTIC CABLE STRIPPERS

- Precision diameter hole.
- V-opening in blade allow for accurate buffer coating removal.
- Pivot pin, spring and precision handles.
- Factory set requires no adjustment.
- Overall length: 136mm.



877-3374 175µm	£28.51
877-3377 203µm	£28.51
877-3371 250µm	£28.51
877-3380 300µm	£28.51

PISTOL STYLE AUTOMATIC WIRE STRIPPER

- Self adjusting with hardened steel blades.
- Middle carbon steel sheet frame.
- Integral wire cutter, stripping length adjustment and jaw tension control.
- Stripping range: 0.2 to 6sq.mm.
- Overall length: 170mm.



613-044 Pistol style automatic wirestripper	£15.80
613-050 Replacement stripping jaws	£8.84

ESD WIRE STRIPPING PLIERS

- Black coated handle prevents electro static discharge.
- Suitable for stripping all common wire insulation types.
- Electrostatic discharging handles.
- Black oxidised finish for corrosion resistance and reduced glare.
- Smooth-action return spring.



864-0776 0.2 to 0.8mm Ø	£10.21
864-0808 0.6 to 2.6mm Ø	£10.21
864-0801 0.8 to 2.6mm Ø	£11.35

AUTOMATIC WIRE STRIPPER

- Zinc alloy body and handle.
- High carbon steel for the cutting and stripper knife blades.
- Spring steel for auto return tension spring.
- Suitable for use with PVC, silicone rubber and others.
- Stripping range: 8 to 22AWG.
- Overall length: 165mm.



663-617	£28.90
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INSULATED WIRE STRIPPING PLIERS

- Ideal for working up to 1000Vac or 1500Vdc.
- Suitable for single and multi-strand conductors.
- DuoTech softgrip handles and chrome finish.
- VDE Approved.
- Stripping range: maximum of 10mm².
- Overall length: 160mm.



125-3075	£19.23
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STANDARD CABLE STRIPPER

- Cable stripper for fast and effective stripping of outer insulation from round cable.
- Consists of spring-loaded gripping arm with blade.
- V shaped plastic jaw fitted to gripping arm.
- Adjustable cutting depth up to 3 mm.
- Stripping range: 4.5 to 26mm.



541-7015 Standard Cable Stripper	£18.36
667-3430 Replacement blades	£6.66

FULLY AUTOMATIC WIRE STRIPPER

- For use with round, oval and flat wire and cables
- Increased control and a smooth stripping action
- Adjustable sliding wire stop to preset exact stripping lengths
- Precision carbon steel laminated stripping blades



243-257	0.2 to 6sq.mm	£53.36
382-2847	0.08 to 2.5sq.mm	£33.09
243-263	Replacement jaw 0.2 to 6sq.mm	£13.46
382-2853	Replacement jaw 0.08 to 2.5sq.mm	£11.94

TG CABLE TIE TOOLS

- Quickly tensions and automatically cut cable ties.
- Flush tie cut-off eliminates sharp edges for safety



811-1732	1.8 to 4.8mm	£194.66
811-1735	2.5 to 10.0mm	£36.45

TRIPLE ACTION CABLE STRIPPER

- Unique spiral-strip selector for hard-to-strip insulations
- Cuts through insulation up to 3mm thick
- Rotary, linear or spiral cut
- Stripping range: 4.5 to 29mm



262-0151	Triple action cable stripper	£22.36
262-0167	Replacement blades	£8.54

CABLE TIE TOOL FOR STAINLESS STEEL TIES

- Suitable for stainless steel cable ties
- Easy and comfortable to use and hold
- Tension and manually cut stainless steel cable ties
- Flush cutting
- For use with cable ties up to 0.3mm thick and 12.3mm wide



493-1958		£169.83
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MAINS SHEATH CABLE STRIPPER

- Perfect for 2-core and 3-core mains cables and leads
- Produces safe ring-of-cut for outer and inner insulation on all types of flexible cable
- Compact pocket-sized design with built-in cutter
- Stripping range: maximum of 9mm



663-437		£11.67
549-909		£34.31

CABLE TIE INSTALLATION PLIERS

- A hand-operated plier for tightening and trimming cable ties up to 5 mm width
- Tension and manually cut cable ties
- Suitable for use with all standard cable ties



CABLE MARKER APPLICATION TOOLS

- Cable marker application tools suitable for use with Helagrip™ markers sizes B and C (RS Stock No. 391-249 etc.)
- The tools are PTFE coated for ease of application.



404-405	3.4mm	£8.49
404-409	4.6mm	£9.41

SELF ADHESIVE WIRE MARKERS

- Stick to wires for permanent identification
- Suitable for different cable diameters
- Can be applied before or after the terminal has been connected



NATURAL CABLE MARKER TIE NYLON 66

- Ideal to tie and identify bundles of cables in one operation
- The flat area of these cable marker ties is suitable for printing or to be written
- UL approved nylon 66, 94V-2
- Tie and identify cables at the same time



812-1540	130x2.5	£2.48
812-1559	110x2.5	£2.22
812-1546	200x4.6	£3.35

CLIP ON NYLON 66 CABLE MARKER

- Easy to apply even after the wire has been connected
- Supplied with a clear and long lasting printing
- UL approved Nylon66, 94V-2
- Suitable for different cable diameters



812-1231	0-9, bag of 250	£10.20
812-1240	A-M, bag of 325	£10.20
812-1219	0-9, bag of 150	£10.20

SLIDE-ON CABLE MARKING KIT, 0.75 TO 3.5MM²

- 4500 high-quality slide on PVC cable markers
- Includes letters, numbers and symbols
- Supplied in a useful compartment box for easy transportation
- Special profile to fit a range of cable diameters
- Ideal for marking electrical wires and cables



914-0602	0.75 - 3.5mm ²	£50.98
914-0605	3.5 - 8mm ²	£49.98
914-0592	2 - 8mm ²	£52.02

CORD GRIP CABLE BUSHS

- Fitted with a reversible clamping bar to provide grip over a large range of cable sizes
- Temperature range -20 to 100°C
- Body material nylon 6.6



607-897	M16	£4.20
607-904	M20	£5.06

STRAIN RELIEF CABLE BUSHS

- UL 94V-2 Nylon 66 Material
- Black colour
- Extend cord life for computers, and computer assemblies



817-8870	6.37 - 7.37mm	£2.23
817-8861	5.6 - 6.22mm	£2.17
817-8877	8.25 - 9.14mm	£2.29
817-8873	7.6mm	£2.11

CABLE SLEEVING & WRAPPING



PE SPIRAL WRAPPING

- Easily organise and protect cables
- Allows breakouts at any point
- Supplied in various lengths and diameters
- Available in black or natural colours



811-7654	3mm, Black, 30.5m Reel	£13.59
811-7648	3mm, Natural, 30.5m Reel	£13.59
811-7639	6mm, Black, 5m Reel	£3.90
811-7673	6mm, Black, 10m Reel	£3.18
811-7651	6mm, Black, 30.5m Reel	£14.23
811-7682	6mm, Natural, 10m Reel	£3.18
811-7645	6mm, Natural, 30.5m Reel	£14.23
811-7658	8mm, Black, 3m Reel	£2.35
811-7676	8mm, Black, 10m Reel	£4.31
811-7660	8mm, Black, 30.5m Reel	£15.62
811-7686	8mm, Natural, 10m Reel	£4.23
811-7664	8mm, Natural, 30.5m Reel	£18.88
811-7620	12mm, Black, 3m Reel	£4.31
811-7670	12mm, Black, 10m Reel	£5.86
811-7695	12mm, Natural, 10m Reel	£5.86
811-7689	15mm, Black, 10m Reel	£7.33
811-7698	15mm, Natural, 10m Reel	£7.33

SLIT HARNESS WRAP AND INSTALLATION TOOLS

- Black slit harness wrap
- Cost effective, reusable and easy to pull off
- PA 6 material
- Wrap supplied in reels of 5m



210-8572	8mm dia.	£20.79
210-8588	15mm dia.	£28.78
288-4923	20mm dia.	£38.04
210-8594	25mm dia.	£59.75

ADJUSTABLE CABLE RACK

- For storing and dispensing reels of wire
- Supplied with 4 adjustable height position hanging rods
- Powder coated finish
- Clip-together assembly - no tools required
- Size (HxWxD) 985 x 990 x 345mm



374-1697 **£172.00**

WIRE SPOOL RACK

- For storing and dispensing reels of wire
- Supplied with 4 adjustable height position hanging rods
- Powder coated 2 tone grey finish
- Clip together assembly - no tools required
- Size (HxWxD) 943 x 664 x 152mm



303-4602 **£105.06**

CABLE DISPENSING STAND

- Cable dispensing stand manufactured from tubular steel
- Epoxy powder coated paint finish
- Dispensing length is 600mm and maximum cable drum diameter is 350mm
- Suitable for bench top, in vehicle or site work



246-1182 **£36.06**

CABLE REEL ROLLER

- Roll cables fast and easily
- Cast aluminium base and adjustable galvanised steel rollers
- Accommodate reels weighing up to 140Kg.
- Accepts reels up to 520mm wide



666-688 **£355.98**

EMPTY CABLE REELS

- Heavy-duty cable drums
- Friction brake with an integral winding handle
- Internal clamp provides strain relief and anchors the cable in the hub
- Large hub diameter helps protect cable and prevent kinking
- Made of steel with a removable plastic hub plate
- Mounted on a rugged tubular steel frame



379-3705 380mm **£282.17**
379-3755 460mm **£291.26**

NYLON CABLE TIE SADDLES

- Screw-mounted cable tie bases
- Available in black and natural colours in a range of sizes
- Maximum cable tie width range: 4.8 - 9mm
- Simple to mount by screw
- Self-extinguishing UL 94 V-2
- Sold in bag of 250



233-663	4.8mm, Black	£12.54
666-717	5mm, White	£12.54
233-685	8mm, Black	£18.19
666-739	9mm, White	£20.84

PUSH CABLE TIE MOUNT

- Barbed push mounting base
- UL certified Nylon 66 to UL 94V-2
- Ideal for supporting electrical cables on panels
- Available in a range of styles and sizes
- Sold in bag of 100



865-9675	Natural, 3.8mm	£6.70
865-9679	Natural, 5mm	£7.12
865-9691	Natural, 7.8mm	£6.70
865-9681	Natural, 6.5mm	£6.70
865-9685	Natural, 8.1mm	£1.76
865-9694	Natural, 9.4mm	£2.25

SELF-ADHESIVE CABLE TIE MOUNT

- Ideal for use where space is limited
- Self adhesive cable tie mount
- Simple and fast to fix
- Nylon 66 Material
- Self extinguishing, UL 94V-2
- Natural or black colour

**SADDLE MOUNTS**

- UL certified Nylon 66 to UL 94V-2
- Screw mounted
- Secures cable ties and provides stability
- Sold in bag of 100

**ASSORTED NYLON CABLE TIE CANISTER PACK**

- Colours: Natural, Black, Red, Yellow, Blue, Green, Purple, Grey, Orange, Neon Yellow
- 100 x 2.5mm each colour
- Flame retardant
- Sold in box of 1000



730-0335	Black, 38x38mm (Pack of 100)	£33.63
666-751	Natural, 13x13mm (Pack of 50)	£4.83
227-996	Natural, 19.5x19.5mm (Pack of 50)	£6.82
811-1713	Natural, 19.5x19.5mm (Pack of 250)	£28.13
811-1717	Natural, 29.2x29.2mm (Pack of 250)	£41.28
229-560	Natural, 29x29mm (Pack of 50)	£6.51
865-9701	Natural, 19x19mm (Pack of 100)	£6.55
865-9704	Natural, 26.3x26.3mm (Pack of 100)	£9.64
811-1723	Black, 12.5x12.5mm (Pack of 50)	£4.82
811-1726	Black, 19.5x19.5mm (Pack of 50)	£5.02
811-1729	Black, 29x29.2mm (Pack of 50)	£5.95

233-118**STANDARD NYLON CABLE TIES**

- Ideal for bundling and organising cables and wires
- Suitable for a multitude of uses
- Black and natural colours available in a range of sizes
- Self-extinguishing to rating UL94V-2



233-499	100x2.5mm, Black (Pack of 1000)	£15.04
492-0447	100x2.5mm, White (Pack of 1000)	£15.04
233-455	100x2.5mm, Black (Pack of 100)	£1.59
178-462	100x2.5mm, White (Pack of 100)	£1.58
233-465	150x3.6mm, Black (Pack of 100)	£3.70
178-478	150x3.6mm, White (Pack of 100)	£3.65
233-500	150x3.6mm, Black (Pack of 1000)	£20.34
811-1710	160x4.8mm, Natural (Pack of 100)	£3.97
233-506	188x4.8mm, Black (Pack of 1000)	£29.66
178-484	188x4.8mm, White (Pack of 100)	£4.48
489-2140	200 x 4.8mm, Natural (Pack of 100)	£4.38
811-1694	203x2.5mm, Natural (Pack of 100)	£3.48
233-471	203x4.6mm, Black (Pack of 100)	£4.47
811-1666	203x4.6mm, Black (Pack of 1000)	£27.42
811-1697	250x4.8mm, Black (Pack of 100)	£6.23
233-477	292x3.6mm, Black (Pack of 100)	£5.09
178-490	292x3.6mm, Natural (Pack of 100)	£5.09
489-2156	295 x 4.8mm, White (Pack of 100)	£5.61
233-487	300x4.8mm, Black (Pack of 100)	£7.08
811-1650	300x4.8mm, Black (Pack of 1000)	£41.87
811-1688	300x7.6mm, Black (Pack of 100)	£10.18
811-1684	340x7.6mm Black (Pack of 100)	£10.58
811-1662	368x4.8mm Black (Pack of 1000)	£54.12
233-483	368x4.8mm, Black (Pack of 100)	£7.20
178-507	368x4.8mm, Natural (Pack of 100)	£7.20
233-493	380x7.6mm, Black (Pack of 100)	£12.96
811-1669	380x7.6mm, Black (Pack of 1000)	£99.58
178-513	380x7.6mm, White (Pack of 100)	£11.59
811-1707	385x4.8mm, Natural (Pack of 100)	£7.47
811-1678	450x8.0mm, Black (Pack of 100)	£16.37
811-1675	550x12.7mm, Black (Pack of 100)	£17.77
811-1701	550x12.7mm, Natural (Pack of 100)	£17.77
811-1672	610x9.0mm, Black (Pack of 100)	£24.00
811-1681	762x9.0mm, Black (Pack of 100)	£35.36

CABLE TIES

BLACK & NATURAL UV RESISTANT CABLE TIES

- Weather resistant cable ties with excellent UV resistance
- Easy and fast to install
- Ideal for use outdoors
- Available in a range of sizes
- Sold in pack of 100



811-1482	100x2.5mm, Black	£1.54
811-1568	100x2.5mm, Natural	£1.54
811-1486	142x3.2mm, Black	£3.67
811-1561	142x3.2mm, Natural	£3.67
811-1495	190x4.8mm, Black	£4.27
811-1565	190x4.8mm, Natural	£4.27
811-1498	203x4.6mm, Black	£4.47
811-1521	203x4.6mm, Natural	£4.38
811-1518	240x7.6mm, Black	£9.22
811-1549	240x7.6mm, Natural	£9.22
811-1537	300x4.8mm, Natural	£7.20
811-1511	300x7.6mm, Black	£10.18
811-1543	300x7.6mm, Natural	£11.52
811-1509	380x7.6mm, Black	£11.83
811-1546	380x7.6mm, Natural	£12.96
811-1492	385x4.8mm, Black	£7.52
811-1530	385x4.8mm, Natural	£7.52
811-1502	450x4.8mm, Black	£9.50
811-1533	450x4.8mm, Natural	£9.50
811-1515	450x8.0mm, Black	£16.52
811-1552	450x8.0mm, Natural	£16.52
811-1524	610x9.0mm, Black	£21.68
811-1555	610x9.0mm, Natural	£21.68
811-1527	750x75mm, Black	£27.38
811-1559	750x75mm, Natural	£27.38

FLAME RETARDANT NYLON CABLE TIES

- Ideal for use where fire resistance is critical
- Flame Retardant to UL 94V-0 standard
- Available in either black or natural colour in a range of sizes
- Sold in pack of 100



811-1773	100x2.5mm, Black	£4.86
811-1776	150x3.6mm, Black	£3.97
811-1779	203x4.8mm, Black	£7.12
811-1739	254x17.0mm, Black	£12.32
811-1757	254x17.0mm, Natural	£12.32
811-1748	280x12.7mm, Black	£29.48
811-1751	280x12.7mm, Natural	£29.48
811-1741	380x12.7mm, Black	£32.75
811-1760	380x12.7mm, Natural	£32.75
811-1782	380x7.6mm, Black	£23.47
811-1745	480x12.7mm, Black	£40.95
811-1763	480x12.7mm, Natural	£40.95
811-1754	550x12.7mm, Black	£14.37
811-1767	550x12.7mm, Natural	£12.12

BLACK & NATURAL HEAT STABILISED CABLE TIES

- For use in high heat applications up to 105°C
- Easy to use and fast to install
- UL 94V-2 Flammability rating
- Available in black and natural colours
- Sold in bag of 100



811-1577	100x2.5mm, Black	£1.29
811-1628	100x2.5mm, Natural	£1.29
811-1574	142x2.5mm, Black	£2.11
811-1625	142x2.5mm, Natural	£2.11
811-1580	150x3.6mm, Black	£3.97
811-1631	150x3.6mm, Natural	£3.97
811-1583	160x4.8mm, Black	£4.01
811-1634	160x4.8mm, Natural	£4.01
811-1587	180x3.6mm, Black	£4.24
811-1638	180x3.6mm, Natural	£4.24
811-1571	203x2.5mm, Black	£4.17
811-1622	203x2.5mm, Natural	£4.17
811-1596	203x3.6mm, Black	£4.43
811-1647	203x3.6mm, Natural	£4.43
811-1603	203x4.6mm, Black	£5.61
811-1653	203x4.6mm, Natural	£5.61
811-1593	265x3.6mm, Black	£5.87
811-1644	265x3.6mm, Natural	£5.87
811-1599	292x3.6mm, Black	£5.65
811-1640	292x3.6mm, Natural	£5.65
811-1606	550x12.7mm, Black	£19.57
811-1656	550x12.7mm, Natural	£19.57

COLOURED NYLON CABLE TIES

- Enable colour coding of cables or other components
- Temp rating: -50°C to +85°C
- Flammability rating UL94V-2
- Sold in pack of 100



SUB-MINIATURE CABLE TIES

- For reduced diameter retention applications
- Available in either black or white
- Flammability rating UL94V-2
- 71mm x 1.6mm
- Sold in pack of 100



RELEASEABLE CABLE TIES

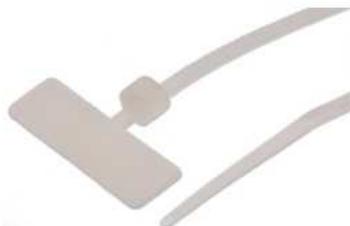
- Nylon 66 releasable cable tie
- Available in either black or white
- Can be easily assembled by hand or with pliers
- Sold in pack of 100



811-1795	125x4.5mm, Black	£4.48
811-1805	150x4.5mm, Black	£5.00
811-1600	150x76mm, Black	£7.02
811-1612	150x76mm, White	£7.02
811-1808	200x4.5mm, Black	£5.72
811-1802	250x4.5mm, Black	£8.94
811-1619	250x76mm, Black	£9.20
811-1616	250x76mm, White	£9.20
811-1811	300x4.5mm, Black	£11.08

NATURAL SECURITY TIES

- Natural in colour
- Nylon 66 UL94V-2
- Sold in pack of 100



811-1785	111x2.6mm	£23.95
811-1798	400x4.8mm	£77.54

IDENTIFICATION CABLE TIE

- Identification plate: 25mmx8mm
- Can be marked with hot foil or indelible pens
- Manufactured from white nylon 6.6
- 100x2.5mm
- Sold in pack of 100



390-274

£8.56

185-8670

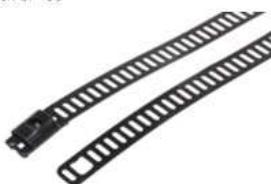
£77.65

NATURAL CABLE MARKER TIE

- PE natural cable marker tie
- 160mmx5mm
- Sold in pack of 100

**EXTRA FLEXIBLE STAINLESS STEEL CABLE TIES**

- Ladder type marine grade 316 stainless steel cable tie
- Smooth internal surface that does not damage bundles
- Highly robust and durable and flexible
- Self locking design
- Available with or without coating
- Sold in pack of 100



121-652	225x7mm, coated	£43.95
121-668	300x7mm, coated	£55.54
121-674	610x7mm, coated	£108.37
121-618	225x7mm, uncoated	£31.88
121-624	300x7mm, uncoated	£38.89

811-1791

£19.48

STAINLESS STEEL ROLLER BALL CABLE TIES (SS316)

- Excellent resistance to high temperature, chemicals, weather and abrasion
- Available in uncoated and coated with polyester
- Available in a range of colours
- Self-locking design
- Sold in bag of 100



123-5031	360x1mm, coated	£117.51
123-5032	520x12mm, coated	£163.52
159-5357	200x4.6mm, uncoated	£42.35
159-5313	201x29mm, uncoated	£49.25
159-5329	359x4.6mm, uncoated	£49.30
159-5335	359x29mm, uncoated	£55.76
547-4305	520x4.6 mm, uncoated	£75.20
123-5029	360x12mm, uncoated	£90.36
123-5030	540x12mm, uncoated	£99.63
123-5033	680x12mm, uncoated	£119.25
123-5028	840x12mm, uncoated	£148.31

STAINLESS STEEL ROLLER BALL CABLE TIES (SS304)

- Specially designed for industrial applications in aggressive environments
- Very good resistance to high temperatures, weather and corrosion
- 304 Stainless Steel
- Sold in bag of 100.



HEATSHRINK

HEATSHRINK TUBING 2:1

- Flame retardant heavy duty heat shrink tubing with a shrink ratio of 2:1
- Highly resistant against oil and chemicals
- VGSAE-AMS recognised
- Sold in reel of 10m



891-8946	Black, 3.2mm	£46.40
891-8940	Black, 4.8mm	£59.90
891-8952	Black, 9.5mm	£61.93

POLYOLEFIN HEATSHRINK TUBING 2:1

- High mechanical and electrical strength
- Corrosion and solvent resistant
- Bore sizes quoted are pre-shrink sizes (minimum) as supplied
- Supplied in lengths of 1.2 m
- Sold in pack of 5



398-228	Black, 1.6mm	£4.25
398-212	Black, 2.4mm	£8.10
398-206	Black, 3.2mm	£7.50
398-199	Black, 4.8mm	£7.75
398-183	Black, 6.4mm	£8.65
398-177	Black, 9.5mm	£11.60
398-161	Black, 12.7mm	£14.45
398-155	Black, 19.0mm	£17.65
398-149	Black, 25.4mm	£27.98
398-133	Black, 38.0mm	£46.78
398-127	Black, 50.8mm	£63.55
399-906	Clear, 2.4mm	£8.10
399-928	Clear, 4.8mm	£8.45
399-962	Clear, 19.0mm	£17.65
399-978	Clear, 25.4mm	£27.98
399-984	Clear, 38.0mm	£46.78
399-990	Clear, 50.8mm	£63.55
398-054	Yellow/green, 12.7mm	£14.48
398-082	Yellow/green, 4.8mm	£9.82

PRECUT HEATSHRINK SLEEVING 2:1

- Pre-cut heat sheet sleeves made from flexible irradiated polyolefin
- High mechanical and electrical strength, corrosion resistant
- Supplied in pre-cut lengths of 300mm for easy use and storage
- Colour: Black



666-868	2.4mm (Box of 25m)	£24.95
666-874	3.2mm (Box of 20m)	£20.71
666-880	4.8mm (Box of 20m)	£25.24
666-896	6.4mm (Box of 15m)	£21.21
666-903	9.5mm (Box of 12m)	£21.30

PVDF HIGH TEMPERATURE TUBING 2:1

- Flame retardant
- Chemical, solvent, and abrasion resistant
- Provides mechanical protection to wires and joints
- Supplied in 1.2m lengths
- Rated to +175°C



398-458	2.4mm	£2.46
398-442	3.2mm	£2.92
398-436	4.8mm	£3.92

ADHESIVE LINED - FLAME RETARDANT 3:1

- Designed to provide a permanent encapsulation
- For protection against moisture
- Shrink ratio of 3:1
- Available in a range of colours and sizes
- Length is 1.2m



481-1775	Black, 3/16mm	£3.59
481-1797	Black, 6/32mm	£4.65
481-1804	Black, 9/32mm	£5.94
481-1810	Black, 12/32mm	£6.12
481-1826	Black, 19/64mm	£7.65
481-1832	Black, 24/8mm	£13.24
481-1854	Black, 40/13mm	£13.98

HEAT SHRINK KITS

- Selection of heat shrink kits



397-679	170 mixed piece kit	£66.19
487-3852	300 mixed piece kit	£79.48
397-4263	26 piece zero halogen kit	£75.43

TUBING, SHRINK RATIO 2:1

- Highly flexible, low shrink temperature (65°C)
- Meets automotive flame propagation standard MVSS 302
- Ideal with most temperature sensitive materials
- Sold in reel of 10m



700-4624	2.4mm id	£9.63
700-4630	3.2mm id	£9.34
700-4646	6.4mm id	£9.83
700-4658	9.5mm id	£10.08

POLYOLEFIN HEAT SHRINK TUBING 3:1 (REELS)

- Tough, flexible, general purpose polyolefin tubing
- Excellent physical and electrical performance
- Very good chemical and solvent resistance



700-4532	3/1mm id (Reel of 10m)	£8.70
700-4535	6/2mm id (Reel of 7m)	£9.29
700-4539	9/3mm id (Reel of 5m)	£8.82
700-4548	12/4mm id (Reel of 4m)	£9.29
700-4541	18/6mm id (Reel of 3m)	£8.82
700-4545	24/8mm id (Reel of 3m)	£8.59

HOOK AND LOOP CABLE TIES

- Self gripping ties ideal for wrapping cable bundles
- Re-usable
- Suitable for bundling LAN and fibre optic cables
- Supplied with fixing hole for screw or rivet



HEATSHRINK CRIMP SPLICES

- Three-colour coded and watertight
- Features dual wall heat shrink tubing and hot melt inner liner
- Excellent strain relief, visual inspection, solvent and moisture resistance
- Good physical and electrical properties
- Sold in bag of 10



HOOK AND LOOP BUCKLE TIES

- Self gripping ties ideal for wrapping cable bundles
- Re-usable
- Suitable for bundling LAN and fibre optic cables
- Supplied with fixing hole for screw or rivet



HOOK AND LOOP REELS

- Double-sided hook and loop tape
- Quick and convenient bundling of category cables and wires
- Cut to length to suit required bundle diameters, eliminating waste
- Textile material prevents damage to cables
- 5m x 16mm reel



333-9777	£6.56	333-9834 Black	£13.64
		333-9890 White	£13.15
		872-6296 Solder sleeve assortment kit	£19.89

SOLDER SLEEVES 2:1

- Provide strain relief, insulation, moisture resistance
- Transparent sleeve provides precise inspection
- Easy control of soldering process
- Low temperature solder sleeve
- Sold in bags of 100



RS PRO SOLDER SLEEVE KIT

- Suitable for cable diameter range from 0.5 mm² to 22 mm²
- Transparent sleeve provides precise inspection
- Low temperature solder sleeve
- Also available separately as refills
- Shrink ratio 2:1



GALVANISED STEEL ADAPTABLE BOXES

- Lids are secured by M5 x 8mm mushroom head screws
- Hot dipped galvanised inside and outside



563-905	100x100x50mm, 12 knockouts	£10.37
563-911	150x150x50mm, 16 knockouts	£15.66

STAINLESS STEEL ADAPTABLE BOX ENCLOSURE

- Adaptable box enclosures in satin-brushed stainless steel
- Fitted with a gasket to give a weatherproof seal for damp conditions
- IP66 / IP69K Rated



471-1580	100x100x50mm	£75.13
121-9691	100x100x50mm	£63.92
121-9693	100x100x85mm	£76.29
121-9692	160x100x50mm	£74.54
121-9694	160x100x85mm	£85.25
121-9696	160x160x50mm	£117.38
471-1625	160x160x85mm	£99.91
121-9695	220x100x85mm	£98.16
121-9697	220x160x85mm	£121.21
121-9698	220x220x85mm	£131.71
471-1631	220x220x85mm	£145.44
121-9699	280x220x85mm	£143.50

BLACK ENAMEL ADAPTABLE BOXES

- Lids are secured by M5 x 8mm mushroom head screws
- Black enamelled inside and outside



763-9204		£7.78
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PRE-GALVANISED ADAPTABLE BOXES

- Lids are secured by M5 x 8mm mushroom head screws
- Black enamelled inside and outside



763-9251	75x75x50mm, 10 knockouts	£5.53
763-9248	100x100x50mm, 5 knockouts	£5.47
763-9242	150x150x50mm, 6 knockouts	£8.61

THREAD CONVERTER CABLE CONDUIT FITTING

- Nickel-plated brass threaded fittings
- Suitable to convert between PG and Metric threads
- Ideal for changing threaded entries of pushbutton stations
- All thread reducers include 'O' ring
- Sold in pack of 5



623-940	PG16 male - M20 female	£14.74
836-2719	PG21 male to M20 female	£25.28
623-956	PG21 male - M25 female	£18.73
836-2713	PG29 male to M32 female	£39.82
127-467	M20 male - M16 female	£7.32

CABLE CONDUIT FITTINGS

- Saddle Clamps, Flange Couplers, Couplers, Males Bushes, Locknuts and Short Nipples
- ISO Conduit threads to BS 4568:1:1970
- UL Classified in accordance with European Standard EN50086
- Stainless Steel
- Sold in pack of 4



471-1344	Conduit coupling, 20mm	£24.27
471-1350	Conduit coupling, 25mm	£33.93
471-1322	Flange coupling, 20mm	£58.08
471-1366	Conduit male bush, 20mm	£36.45
471-1394	Conduit lock nut, 20mm	£42.55
471-1401	Conduit lock nut, 25mm	£55.77
471-1388	Conduit male bush, 25mm	£47.21
471-1423	Nipple, 25mm	£26.60

STAINLESS STEEL CIRCULAR BOX

- Standard stainless steel IP67 boxes
- Supplied complete with a lid, screws and gasket
- Tapped hole and earth screw in the base
- UL Classified in accordance with European Standard EN50086



471-1221	Terminal box, 20mm	£47.58
471-1243	Through box, 20mm	£52.10
471-1265	Angle box, 20mm	£52.10
471-1287	Tee box, 20mm	£56.25

STAINLESS STEEL CIRCULAR BOX

- Terminal Box Cable Conduit Fitting
- Galvanised Steel
- 20mm nominal size
- M4 thread size



228-889	Terminal box, 20mm	£17.08
228-867	Angled box, 20mm	£18.69
228-873	Tee box, 20mm	£17.96
228-895	Through box, 20mm	£19.41

STRAIGHT CABLE CONDUIT FITTING

- IP 55 grey nylon fittings
- 20mm nominal size
- Crush resistant to BS6099
- Self extinguishing nylon to UL94VO
- Resistant to: nitric acid, sulphuric acid, detergent, diesel and white spirit



429-650		£5.52
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JACK CHAINS

- Single link suspension chain, 10m in length and with 27 links per metre, available in either black japanned or a pre-galvanised finish.



621-095	Pre-galvanised	£10.28
621-089	Black	£13.89

INSPECTION JOINTS

- Elbows and Tees in malleable iron with various finishes
- Covers and screws come supplied as standard
- Galvanised steel
- 20mm nominal size
- Sold in pack of 5



763-9210	£15.60
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COUPLER

- Galvanised steel coupler for conduit
- Sold in pack of 25

**HOOK (MALE THREAD)**

- Male hook
- Nominal size 20mm
- Black steel with Enamel finish
- BS EN 50086
- Sold in pack of 10



608-266	£26.12
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LONG MALE PATTERN BUSH

- Brass
- Long Male Bush
- Sold in pack of 25



608-244	20mm	£11.65
619-985	25mm	£19.43

SHORT MALE PATTERN BUSH

- Brass
- Short Male Bush
- Sold in pack of 25



607-982	20mm	£6.99
607-998	25mm	£13.16

608-222	20mm	£8.86
608-238	25mm	£14.05

619-979	20/16mm	£6.93
608-216	25/20mm	£9.92

606-024	£20.01
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REDUCER CABLE CONDUIT FITTING

- Steel reducer with enamelled finish



608-222	20mm	£8.86
608-238	25mm	£14.05

619-979	20/16mm	£6.93
608-216	25/20mm	£9.92

606-024	£20.01
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STRAIGHT FITTINGS IP54

- Swivel Cable Conduit Fitting
- Brass Nickel Plated
- 20mm nominal size
- IP54 rating
- Sold in pack of 10



668-4770 £34.87

PVC CONDUIT STRAIGHT COUPLERS

- Connection is via Push Fit
- Available in white or black



917-2044 White, 20mm £2.74
917-2088 Black, 20mm £2.74
917-2034 White, 25mm £0.55

PVC CONDUIT FEMALE & MALE ADAPTORS

- Connection is via Push Fit
- Adapter enables a quick connection
- Available in white or black



917-2056 Female, white, 20mm £0.80
917-2097 Female, black, 20mm £0.80
917-2047 Female, white, 25mm £0.80
917-2135 Female, black, 25mm £0.80
917-2038 Male, white, 25mm £0.80
917-2132 Male, black, 25mm £0.80
917-2090 Male, black, 20mm £0.80
917-2053 Male, white, 20mm £0.80

PVC CONDUIT BOXES

- Connection is via Push Fit
- Screwed on lid
- Available in white or black



917-2104	Angle box, black, 20mm	£1.13
917-2062	Angle box, white, 20mm	£1.13
917-2110	Angle box, white, 25mm	£1.13
917-2107	Tee box, black, 20mm	£1.13
917-2101	Tee box, black, 25mm	£1.13
917-2066	Tee box, white, 20mm	£1.13
917-2025	Tee box, white, 25mm	£1.13
917-2117	Terminal box, black, 25mm	£1.13
917-2050	Terminal box, white, 20mm	£1.73
917-2012	Terminal box, white, 25mm	£1.13
917-2094	Through box, black, 20mm	£1.13
917-2113	Through box, black, 25mm	£1.13
917-2069	Through box, white, 20mm	£1.13
917-2016	Through box, white, 25mm	£1.13

PVC CONDUIT INSPECTION BENDS, ELBOWS AND TEES

- inspection bends make easier to feed cables through
- Prevents bunching and stress caused by trying to feed cable around a bend



917-2126	Inspection bend, black, 25mm	£1.54
917-2084	Inspection bend, black, 20mm	£1.13
917-2075	Inspection bend, white, 20mm	£1.11
917-2022	Inspection bend, white, 25mm	£1.56
917-2078	Inspection elbow, white, 20mm	£1.08
917-2081	Inspection tee, black, 20mm	£1.13
917-2129	Inspection tee, black, 25mm	£1.54
917-2040	Inspection tee, white, 20mm	£1.13
917-2031	Inspection tee, white, 25mm	£1.49
917-2123	Straight coupler, black, 25mm	£0.55

STAINLESS STEEL CONDUIT

- Easily cleaned
- Conforms to BS4568
- UL approved
- 3m length



471-1603 20mm £55.30
471-1619 25mm £60.76

POLYETHYLENE FLEXIBLE CONDUIT

- Flame retardant, general purpose conduit
- Resilient to prolonged flexing and vibration
- IP55 conduit (when used with compatible fittings)
- Crush resistant to BS6099
- Resistant to: nitric acid, sulphuric acid, detergent, diesel and white spirit



429-688 10mm £3.94
429-672 20mm £5.97

SPLIT FLEXIBLE CONDUIT

- For cable protection in electrical installations, machinery and buildings
- Special design allows bends around corners without kinking
- The split allows the conduit to be installed easily onto pre-installed wiring
- Colour: black



755-9013	16mm	£19.77
875-0249	16mm, 100m	£67.20
755-9017	20mm	£23.03
875-0258	20mm, 100m	£79.83
755-9026	25mm	£15.75
875-0251	25mm, 100m	£123.00
755-9029	32mm	£21.00
875-0255	32mm, 50m	£89.28

PVC COATED GALVANISED STEEL FLEXIBLE CONDUIT

- Metal flexible conduit with PVC tube cover
- High tensile strength and waterproof
- Good resistance in bending, high heat and erosion
- Sold in reel of 50m



755-8994	20mm	£102.95
755-8997	25mm	£139.29

10M PVC SPIRAL CONTRACTOR PACK - IP67

- Self-extinguishing according to UL94-V0
- Shock-resistance with smooth internal surface
- Compression strength D<25% with 350N at 20°C
- Black coloured
- Reel of 10m



513-2354	20mm	£23.91
513-2360	25mm	£38.41

HEAVY DUTY PVC CONDUIT

- Circular heavy duty conduit
- Connection is via Push Fit
- Coloured white or black
- Reel of 2m



917-2139	20mm, white	£15.27
917-2148	20mm, black	£15.27
917-2141	25mm, white	£20.30
917-2145	25mm, black	£20.30

STEEL CONDUIT

- Black enamelled or galvanised welded steel conduit
- Threaded at both ends
- Supplied with one coupling per 3.75 m length
- Conforms to BS4568
- Sold in pack of 8



228-738	20mm, black enamelled	£61.82
228-823	20mm, galvanised	£70.38
228-801	25mm, galvanised	£92.98

10M FLEXIBLE PVC COVERED STEEL CONDUIT - IP54

- Excellent weather protection without restricting the inner cores' flexibility
- Designed for commercial and industrial installations
- Black coloured
- Self-extinguishing to UL94 V0
- Reel of 10m



668-4783	16mm	£34.53
668-4786	20mm	£40.05

PVC OVAL CONDUIT

- Length: 3m
- Nominal Diameter: 32mm
- Conduit Type: Rigid
- Colour: White
- Sold in pack of 20



122-2753		£38.95
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10M BLACK NYLON CONDUIT CONTRACTOR PACK - IP66

- 10m of conduit with 10 straight fittings and 10 locknuts
- Self extinguishing, halogen free
- Resistant to fuels, mineral oils, lubricants, alkalis and most commercial solvents



513-2376	20mm	£23.48
513-2332	20mm	£12.90

10M POLYPROPYLENE IP54 CONTRACTOR PACK

- General-purpose conduit in 10m reel
- Supplied with 10 split fittings and 10 locknuts
- IP54 with fittings
- Resistant to acids, bases, inorganic salts, fuels, minerals and most commercial solvents
- Reel of 10m

**NYLON FISH WIRE DRAW TAPE**

- Draw tape with strong brass head
- Available in 10m and 20m lengths



918-4977	20m	£8.46
918-4970	10m	£7.69

ELECTROGALVANISED STEEL CABLE TRAY FAST COUPLER

- Electro-welded, electrogalvanised steel construction
- Sold in bag of 100



WIRE CABLE TRAY

- Versatile electro-galvanised steel wire basket cable tray supplied in 3 metre lengths
- Electro-welded, electrogalvanised steel construction
- Lighter weight than conventional cable tray
- Open wire structure maximises ventilation preventing build up of heat in cables
- Sold in pack of 8



STAINLESS STEEL TRUNKING

- IP4X Rated
- Trunking supplied with one coupler pre-fitted
- 304 Stainless Steel
- Length 3m



912-4710 £21.29

912-4691	30x100mm	£63.59
912-4701	60x100mm	£80.72
912-4704	60x150mm	£97.92
912-4708	60x200mm	£64.58
912-4717	60x300mm	£70.38

GALVANISED STEEL PERFORATED CABLE TRAY WITH SELF COUPLING ENDS

- Self interlocking
- No need for couplers
- Secure with standard M6 nuts and bolts
- Time saving installation
- Sendzimir galvanized finish
- Length: 3m
- Sold in a pack of 4



TRUNKING WITH FIXING LID

- Features a rapid and fool proof method for securing the lid, by simply twisting turnbuckles through 90°
- The range is manufactured from high-quality galvanised steel as standard
- Length 3m



ALUMINIUM FLOOR SURFACE TRUNKING, SELF ADHESIVE

- Aluminium floor surface trunking is designed for mounting on floors for routing low voltage and signal wires in high traffic areas
- Warp proof self-extinguishing PVC inner rail and a low profile high impact decorative convex extruded aluminium top cover
- PVC base is self-adhesive and the aluminium cover securely dovetails over the top
- Length 1m
- Floor Trunking
- Aluminium Alloy (Lid), PVC (Base)
- Grey
- Self-extinguishing UL 94 V-0



901-3982	60x100mm	£37.66
901-3985	60x150mm	£64.40
901-3989	60x200mm	£74.10
901-3998	60x300mm	£54.19

614-154	50x50mm	£39.03
622-199	75x75mm	£63.65
669-9413	100x100mm	£86.53

880-6865	50mm	£12.01
880-6869	70mm	£16.68

OPEN SLOT GREY PVC CABLE TRUNKING

- Self-extinguishing to UL94-V2
- Warp-proof PVC with a slot gap of 8mm
- Available in 1 or 2m lengths
- Open or Narrow slot
- Sold in a pack of 4



879-3753	Narrow 4mm 80Wx80H x1m	£39.29
879-3741	Narrow 4mm 40Wx60H, 1m	£22.67
879-3747	Narrow 4mm 40Wx80H, 1m	£24.90
879-3750	Narrow 4mm 60Wx80H, 1m	£33.35
758-9260	Open 8mm 15Wx25H, 2m	£22.24
758-9272	Open 8mm 25Wx40H, 2m	£43.92
758-9276	Open 8mm 25Wx60H, 2m	£56.83
758-9288	Open 8mm 40Wx40H, 2m	£58.02
758-9282	Open 8mm 40Wx60H, 2m	£78.94
758-9291	Open 8mm 40Wx80H, 2m	£87.43
879-3725	Open 8mm 40Wx40H, 1m	£16.85
879-3731	Open 8mm 40Wx60H, 1m	£22.69
879-3738	Open 8mm 40Wx80H, 1m	£24.90
879-3744	Open 8mm 60Wx80H, 1m	£33.35
879-3735	Open 8mm 80Wx80H, 1m	£39.29
879-3713	Open 25x25mm, 1m	£11.23
879-3722	Open 60x60mm, 1m	£20.23
879-3729	Open 100x100mm, 1m	£58.09
301-1924	Open 25x25mm, 2m	£37.97
301-1946	Open 45x33mm, 2m	£50.93
301-1930	Open 45x25mm, 2m	£43.57
301-1974	Open 50x50mm, 2m	£62.45
301-1968	Open 45x45mm, 2m	£58.44
301-1980	Open 65x25mm, 2m	£61.13
301-2006	Open 60x60mm, 2m	£68.41
301-2012	Open 65x65mm, 2m	£81.41
301-1996	Open 65x45mm, 2m	£73.33
301-2056	Open 100x75mm, 2m	£160.27
301-2062	Open 100x100mm, 2m	£247.87

CLOSED SLOT BLACK PVC CABLE TRUNKING

- Closed slot design for easier installation or removal of the cover
- Manufactured from high impact PVC, with a slot width of 8mm and a maximum temperature of +85°C
- Black coloured
- Length 2m
- Sold in a pack of 8



301-2084	30x25mm	£37.15
301-2107	40x40mm	£51.65
301-2129	50x50mm	£65.27

SLOTTED BLUE CABLE TRUNKING

- Lead free and flame retardant
- Break points on the bars for easy customisation
- Available in 2 metre lengths

**DIN PANEL GREY TRUNKING**

- Rigid PVC cable trunking
- Lead free and flame retardant
- Smooth fingers reduce the risk of injuries
- A self-adhesive tape at the bottom of the trunking acts as a retaining aid
- Available in 2 metre lengths



136-9146	W25xH25	£111.16
136-9155	W75xH75	£148.84

HALOGEN FREE DIN PANEL GREY TRUNKING

- Halogen free and flame retardant
- It doesn't release any corrosive or toxic gases
- Rigid PVC cable trunking
- Break points on bars and channel floor
- Available in 2 metre lengths

**FLEXIBLE GREY CABLE TRUNKING**

- Flexible cable trunking
- The unique finger design makes it easy to add or remove wires
- Easy to fix and attach by the double-sided adhesive tape
- Halogen free
- 500 mm in length



CABLE TRAY & TRUNKING

FLEXIBLE SELF-ADHESIVE

- Polypropylene halogen free flexible slotted trunking
- Provided with strong self adhesive backing
- Round shape, low flammability and self extinguishing in accordance with UL94-V1
- Operating temperature range of -20°C to +70°C



MAX ROUTING INDUSTRIAL TRUNKING

- Suitable for a wide range of installations, including warehouses and trading premises
- Material PVC-U 1309
- Colour RAL 9010 pure white
- Pre-punched base profile for easy installation
- 3m length



843-1581 75x75mm pk 8

£207.17

843-1584 100x100mm pk 4

£156.77

843-1572 50x50mm pk 8

£156.77

LEH HALOGEN FREE INDUSTRIAL TRUNKING

- Suitable for a wide range of installations, including airports, schools and hospitals
- Self-extinguishing properties
- Material RAU_P CAB
- Ideal in any locations where public safety is paramount
- Trunking supplied in 2m lengths

598-591	500x11x9mm	£35.73
598-608	500x20mm	£34.18
598-614	500x30mm	£44.58

MAX ROUTING ACCESSORIES

- Accessories for MAX Routing range
- Material PVC-U 1309
- Colour RAL 9010 pure white



843-1639 Trunking 110x65mm pk 8

£420.00

843-1667 End cap 160x65mm pk 5

£12.57

WHITE PVC MINI TRUNKING

- Perfect solution for many basic installations
- Material: uPVC
- Colour: white
- 2m Length
- Self adhesive version available

843-1604	end cap 50x50mm	£11.14
843-1617	end cap 75x75mm	£13.14
843-1635	end cap 100x100mm	£17.14
843-1588	internal corner 50x50mm	£13.14
843-1597	external corner 50x50mm	£13.14
843-1607	internal corner 75x75mm	£13.54
843-1601	external corner 75x75mm	£13.54
843-1629	external corner 100x100mm	£19.41
843-1626	internal corner 100x100mm	£19.41
843-1590	flat angle 50x50mm	£14.28
843-1610	flat angle 75x75mm	£14.85
843-1623	flat angle 100x100mm	£22.85
843-1594	flat equal tee 50x50mm	£14.85
843-1613	flat equal tee 75x75mm	£16.57
843-1632	flat equal tee 100x100mm	£22.85



917-1524	16x16mm	£24.40
917-1533	25x16mm	£31.47
917-1536	38x16mm	£18.66
917-1530	38x25mm	£20.30
917-1549	Self-adhesive, 16x16mm	£26.14
917-1542	Self-adhesive, 25x16mm	£35.36

SL SLIMLINE TRUNKING

- Pre-punched base which facilitates speedy positioning and installation
- Available in 70x20 & 110x20mm
- Base material PVC-U 1530
- Cover material PVC-U 1309
- Colour RAL 9010 Pure White



787-4520	Skirting trunking white 110x20mm 2m	£25.80
787-4549	Trunking socket box single 70x20mm BS	£8.81
787-4542	Trunking socket box double 70x20mm BS	£9.46
787-4577	Trunking socket box single 110x20mm BS	£9.07
787-4570	Trunking socket box double 110x20mm BS	£9.72
787-4552	Skirting trunking internal corner 110x20	£1.32
787-4561	Skirting trunking external corner 110x20	£1.32
787-4568	Skirting trunking white coupler 110x20mm	£1.15
787-4564	Skirting trunking end caps white 110x20	£2.28

PVC TRUNKING FLAT TEES

- Designed for joining square PVC conduit
- Suitable for use in commercial buildings
- They provide a tidy, safe and professional tee join
- White Coloured



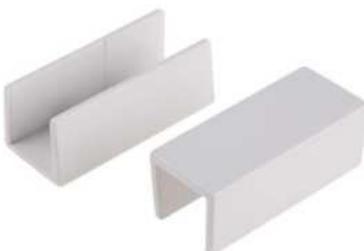
917-1561	16x16mm	£1.11
917-1631	25x16mm	£1.11
917-1564	38x16mm	£1.11
917-1568	38x25mm	£1.11

RS PVC CABLE COVER

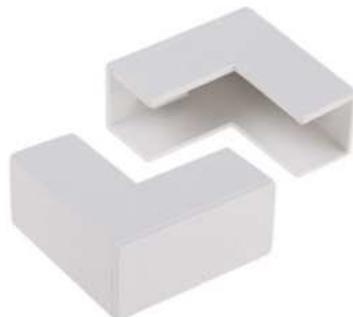
- Supplied with double sided tape.
- Packed in a roll for easy storage
- Pre-split base for ease of use
- Available in a range of colours and sizes to suit your requirements
- Visit our website for complete range

**MINI PVC TRUNKING COUPLINGS**

- Allow fast installation
- Suitable for use in commercial buildings
- Providing a tidy, safe and professional join

**MINI PVC TRUNKING ANGLES**

- White coloured
- Flat and internal angles available



917-1586	16x16mm trunking	£1.23
917-1580	25x16mm trunking	£1.23
917-1599	38x16mm trunking	£1.20
917-1577	Flat angle for 16x16mm	£1.32
917-1570	Flat angle for 25x16mm	£1.32
917-1574	Flat angle for 38x16mm	£1.29
917-1583	Flat angle for 38x25mm	£1.95
917-1596	Internal angle-16x16mm	£1.23
917-1606	Internal angle-25x16mm	£1.23
917-1609	Internal angle-38x16mm	£1.20
917-1603	Internal angle-38x25mm	£2.00

HEAVY DUTY CABLE PROTECTORS

- Available with 2, 3 or 5 grooves which can be accessed via a top hood.
- Weather and skid proof
- Black base and yellow cover provide good visibility
- Can withstand up to 20 tons per axle
- Parts fit into one another for strong connection
- Fixed to the ground via 4 fixing holes, Ø 6 mm
- 150x800mm



136-5422	5 channels, 30x35mm	£175.94
136-5420	3 channels, 46 mm	£181.27
136-5423	2 channels, 32x38mm	£94.90

CABLE GLANDS

CABLE GLAND ENLARGER

- Enable switching from small metric external thread to large metric.
- UL approved Nylon 66 material



822-9861	M12x1.5 to M16x1.5, Black	£5.87
822-9864	M16x1.5 to M20x1.5 Black	£5.87
822-9877	M25x1.5 to M32x1.5 Black	£15.73
822-9868	M20x1.5 to M25x1.5 Black	£8.58
822-9846	M12x1.5 to M16x1.5, Grey	£5.87
822-9855	M16x1.5 to M20x1.5, Grey	£5.87
822-9858	M20x1.5 to M25x1.5, Grey	£8.58
822-9852	M25x1.5 to M32x1.5, Grey	£15.73

CABLE REDUCER GLAND

- Enable switching from large metric external thread to small metric
- UL approved Nylon 66 material



822-9870	M16x1.5 to M12x1.5 Black	£1.95
822-9874	M20x1.5 to M16x1.5 Black	£2.06
822-9883	M25x1.5 to M20x1.5 Black	£2.51
822-9886	M32x1.5 to M25x1.5, Black	£4.28
822-9880	M16x1.5 to M12x1.5, Grey	£1.83
822-9899	M20x1.5 to M16x1.5, Grey	£2.06
822-9892	M25x1.5 to M20x1.5, Grey	£2.51
822-9896	M32x1.5 to M25x1.5, Grey	£4.28

CABLE GLAND ADAPTORS

- UL 94V-2 Nylon 66 Material
- Black colour
- Allows switching from PG external thread to metric internal thread



817-8889	PG11x8 - M16x1.5	£4.09
817-8883	PG13.5x8 - M16x1.5	£3.89
817-8886	PG9x8 - M16x1.5	£3.78

BLACK NYLON METRIC LOCKNUTS

- A selection of 1.5 mm pitch Metric locknuts
- Threads Metric Conduit BS3643
- Complies with EU Directive 2002/95/EC-ROHS
- Complies with EU Directive 2002/96/EU Waste Electrical Equipment-WEEE



127-259	M16 6.7mm, 19mm	£2.45
127-417	M20 8.1mm, 23mm	£2.51
127-653	M25 9mm, 28mm	£5.82

NICKEL PLATED BRASS LOCKNUTS

- A selection of 1.5 mm pitch nickel plated brass locknuts
- Metric threads to EN60423
- Complies with EU Directive 2002/95/EC-ROHS
- Complies with EU Directive 2002/96/EU Waste Electrical Equipment-WEEE



127-164	M16 3.5mm	£4.70
127-489	M25 3.5mm	£6.80
127-495	M32 5mm	£9.39
127-473	M20 3.5mm	£4.25

GALVANISED STEEL LOCKNUTS

- A selection of 1.5mm pitch steel locknuts
- Suitable for use with all ISO threaded conduit fittings and accessories
- Ideal for general electrical installation



621-102	M16x2.97mm	£3.00
621-118	M20x2.87mm	£1.74

PLASTIC LOCKNUTS IP68

- IP68 plastic locknut manufactured from nylon 66
- Designed to be used for PG or metric thread size
- Available in a range of sizes and colours
- UL approved
- Sold in pack of 25



822-9833	M12 x 1.5, black	£3.13
822-9836	M16 x 1.5, black	£3.78
822-9830	M20 x 1.5, black	£3.66
822-9849	M25 x 1.5, black	£8.47
822-9842	M32 x 1.5, black	£14.21
822-9791	M12 x 1.5, grey	£4.12
822-9795	M16 x 1.5, grey	£3.86
822-9805	M20 x 1.5, grey	£3.66
822-9808	M25 x 1.5, grey	£6.80
822-9802	M32 x 1.5, grey	£14.21
822-9811	M16 x 1.5, white	£4.13
822-9814	M20 x 1.5, white	£5.68
822-9818	M25 x 1.5, white	£8.47
822-9827	M32 x 1.5, white	£14.21
822-9729	PG13.5, black	£5.68
822-9732	PG21, black	£9.48
822-9735	PG29, black	£15.76
822-9713	PG7, black	£3.46
822-9717	PG8, black	£3.59
822-9694	PG11, grey	£3.88
822-9704	PG13.5, grey	£5.39
822-9707	PG16, grey	£5.86
822-9701	PG21, grey	£9.48
822-9697	PG7, grey	£3.46

UNTHREADED BLANKING PLUG

- Suitable for automotive, domestic, industrial & commercial industries
- Self-extinguishing UL94V-2
- Black colour nylon 66
- Sold in pack of 100



817-8849	4.7mm	£3.11
817-8858	6.3mm	£3.11
865-9798	7.9mm	£3.32
817-8851	9.5mm	£3.58
865-9792	12.7mm	£3.84
817-8855	12.7mm	£3.79
865-9802	14.3mm	£4.64
817-8864	15.9mm	£4.24
817-8845	20.6mm	£7.03
865-9805	22.2mm	£5.13
817-8867	25.4mm	£6.38
865-9809	30.1mm	£6.86
865-9818	38.1mm	£10.31
865-9811	44.5mm	£16.95

THREADED BLANKING NYLON 66 PLUG

- Suitable for automotive, domestic, industrial & commercial industries
- Lightweight and good quality plastic plugs
- Available in black and grey colours
- Self-extinguishing to UL-94V-2
- Sold in pack of 100



865-9745	M12x1.5, black	£8.46
865-9748	M16x1.5, black	£11.25
865-9742	M20x1.5, black	£14.10
865-9751	M25x1.5, black	£16.95
865-9754	M32x1.5, black	£9.86
865-9758	M40x1.5, black	£11.93
865-9767	M50x1.5, black	£3.12
865-9760	M63x1.5, black	£4.45
865-9764	M12x1.5, grey	£8.46
865-9773	M16x1.5, grey	£11.25
865-9776	M20x1.5, grey	£14.10
865-9770	M25x1.5, grey	£16.95
865-9789	M32x1.5, grey	£9.86
865-9782	M40x1.5, grey	£11.93
865-9786	M50x1.5, grey	£3.12
865-9795	M63x1.5, grey	£4.45

IP68 PG & METRIC EMC BRASS GLAND

- Ideal for use with braided cable
- Cable will be centralised, strain relieved and hermetically sealed to IP68
- Nickel plated brass body with neoprene seal
- Available in various PG and metric threads
- Supplied with locknut



835-4119	M16, 4-8 MM	£5.34
835-4112	M20, 6-12 MM	£6.33
835-4116	M25S, 10-16MM	£8.05
835-4125	M32s, 15-22MM	£11.37
835-4128	M40S, 21-30MM	£17.04
835-4122	M50, 30-38MM	£44.23
835-4096	PG11, 5-10MM	£8.14
835-4099	PG13.5, 6-12MM	£9.01
835-4093	PG16, 8-14MM	£9.68
835-4103	PG21, 13-18MM	£14.40
835-4106	PG28, 18-25MM	£20.19
835-4100	PG36, 22-32MM	£41.14
835-4087	PG9, 4-8 MM	£7.51

IP67 EPDM CABLE GLANDS/GROMMETS

- Provides protection up to IP67
- Tapered top provides a degree of retention and sealing
- Thread size of M16 to M50
- Cable diameter range of 5 to 35 mm
- Sold in a bag of 10



279-7009 £5.66

BRASS, NATURAL FINISH CABLE GLANDS

- Made from self-coloured brass
- Fitted with a PVC sealing grommet
- Sold in a pack of 5



608-941 £17.06

STRAIN RELIEF CABLE GLANDS IP68

- UL listed Nylon 66 material
- Designed with strain relief protection
- Protects cables from breakage and right angle bending
- Sealing to IP68
- Available in black or grey in a range of thread sizes
- Sold in a pack of 10



822-9631	M12 x 1.5 Black	£6.80
822-9616	M12 x 1.5 Grey	£7.13
822-9634	M16 x 1.5 Black	£7.12
822-9625	M16 x 1.5 Grey	£9.46
822-9638	M20 x 1.5 Black	£11.87
822-9628	M20 x 1.5 Grey	£10.78
822-9647	M25 x 1.5 Black	£17.70
822-9622	M25 x 1.5 Grey	£16.10

IP68 ROUND TOP NYLON 66 CABLE GLAND - METRIC

- UL listed Nylon 66 material
- Simple and easy to use
- IP68 protection
- PG thread to DIN standard with washer assembled
- Available in a range of colours and thread sizes
- Sold in a pack of 10



822-9739	M12 x 1.5 Grey	£3.73
822-9748	M16 x 1.5 Grey	£4.51
822-9741	M20 x 1.5 Grey	£6.51
822-9757	M20S x 1.5 Grey	£6.79
822-9745	M25 x 1.5 Grey	£10.58
822-9751	M25S x 1.5 Grey	£10.75
822-9754	M32 x 1.5 Grey	£16.84
822-9767	M16 x 1.5 White	£4.35
822-9776	M20 x 1.5 White	£6.00
822-9782	M20S x 1.5 White	£6.79
822-9779	M25 x 1.5 White	£10.21
822-9785	M25S x 1.5 White	£10.75
822-9773	M32 x 1.5 White	£17.01
822-9789	M20 x 1.5 Red	£6.57
822-9798	M25 x 1.5 Red	£10.68
822-9760	M20S x 1.5 Black	£6.47
822-9763	M25S x 1.5 Black	£11.25

IP68 METRIC DOME TOP GLAND

- Supplied complete with locknut and entry thread seal.
- Manufactured from UL approved Nylon 66
- Flammability rating to UL 94V-2
- Provides watertight seal to IP68
- Offers strain relief and protection for cables

**STRAIN RELIEF CABLE GLANDS IP68**

- Designed with strain relief protection
- UL listed Nylon 66 material
- Protects cables from breakage and right angle bending
- Sealing to IP68
- Available in black or grey in a range of thread sizes
- Sold in pack of 10



669-4667	Black RoundTop IP68 Cable Gland,M16	£4.14	822-9606	PG11 Black	£10.88
669-4676	Black Roundtop Cable Gland,M25 (Bag of 5)	£7.20	822-9600	PG13.5, Black	£12.93
669-4670	Black Roundtop Cable Gland,M32 (Bag of 5)	£10.15	822-9619	PG16, Black	£15.65
669-4689	Black Roundtop Cable Gland,M40 (Bag of 5)	£12.94	822-9612	PG21, Black	£21.10
669-4658	Black Nylon Roundtop Cable Gland,M12, (Bag of 100)	£45.29	822-9593	PG7, Black	£4.88
669-4682	Black Roundtop 30-38mm CableGland,M50 (Bag of 5)	£20.95	822-9603	PG9, Black	£9.27
669-4654	Black Nylon Gland, M12, 3-6.5mm (Bag of 5)	£2.74	822-9583	PG11, Grey	£10.36
669-4673	Black Nylon Gland, M20, 10-14mm (Bag of 5)	£2.61	822-9587	PG13.5 Grey	£12.93
669-4660	Black Nylon Gland, M20, 4-9mm (Bag of 5)	£2.61	822-9596	PG16 Grey	£14.90
669-4664	Black Nylon Gland, M20, 6-12mm (Bag of 5)	£2.88	822-9571	PG7 Grey c/w locknut	£4.88
669-4686	Black Nylon Gland, M63, 34-44mm (Bag of 5)	£27.33	822-9580	PG9 Grey	£9.27

IP68 ROUND TOP NYLON 66 CABLE GLAND - PG

- Ideal for different industries and applications
- Simple and easy to use
- IP68 protection
- PG thread to DIN standard with washer assembled
- Available in a range of colours and thread sizes
- Sold in pack of 10



822-9666	PG7, Black	£4.22
822-9640	PG7, Grey	£4.21
822-9675	PG9, Black	£4.82
822-9644	PG9, Grey	£4.82
822-9678	PG11, Black	£4.82
822-9653	PG11, Grey	£4.82
822-9672	PG13.5, Black	£5.98
822-9656	PG13.5, Grey	£6.57
822-9681	PG16, Black	£6.80
822-9650	PG16, Grey	£6.80
822-9684	PG21, Black	£10.21
822-9669	PG21, Grey	£10.21
822-9688	PG29, Black	£17.01
822-9662	PG29, Grey	£17.01

CABLE GROMMETS

EDGING / GROMMET STRIP

- Provides a smooth edge to panels, plates and chassis
- Various sizes available
- Suitable for panel thickness of between 1.0 & 5.5 mm
- Supplied in 5 m and 10 m lengths for on site cutting to length
- Sold in 1 bag of 5 metres



406-922	1.2 to 1.6mm 5m	£2.95
406-928	1.6 to 2.0mm 5m	£3.23
865-9723	1.0-1.2mm 10m	£7.97
865-9714	1.0mm 10m	£7.97
865-9726	1.2-1.6mm 10m	£7.97
865-9720	1.6-2.0mm 10m	£9.02
865-9739	2.0-2.4mm 10m	£9.02
865-9732	2.4-3.2mm 10m	£9.98
865-9736	4.5-5.5mm 10m	£13.27

SLEEVED CABLE GROMMETS

- Panel hole 9.5mm dia
- Panel thickness 2.4mm
- Cable hole 6.3mm dia
- Sleeve length 14.3mm
- Body material PVC
- Sold in a bag of 50



543-282 £2.18

STANDARD CABLE GROMMETS (SR1700)

- Ideal to protect wires and cables passing through panels
- Manage cables up to 1.6mm thick
- Sold in a pack of 100



605-649	16mm	£2.28
605-655	18.5mm	£6.26
543-197	4mm	£3.96
543-204	6.4mm	£5.07
543-210	9.5mm	£5.82

DESK GROMMET CABLE OUTLET

- Adjustable mouth in the removable lid
- Grey desk grommet
- 80mm cut-out diameter
- Removable lid allows UK plug to fit through



839-9819 £9.12

BLANKING GROMMETS

- Made from black PVC
- Thin central film which can be pierced to allow different sized wires to pass through
- Suitable for panel thicknesses of up to 1.5 mm
- Sold in a box of 100



605-661	20mm	£7.14
605-677	25.5mm	£9.34

EASY FIT GROMMETS

- Easy push and press fitting in place
- Open grommet designed to snap neatly and quickly into position
- Body material PVC
- Sold in a box of 100



241-4580	12mm hole	£16.11
241-4596	16mm hole	£22.61
241-4603	22mm hole	£32.52

CT RANGE COAXIAL CABLE

- Suitable for use in video transmission & camera control applications in CCTV systems
- Polyvinyl Chloride PVC Sheath
- 75 Ω
- Colour- Black
- Sold in 1 reel of 100 metres



URM43

- Connector / Cable group A
- Polyvinyl Chloride PVC Sheath
- 50 Ω
- Colour- Black
- Sold in 1 reel of 100 metres



CCTV RG59 + 2 POWER CABLE

- Designed for signal distribution and security systems such as CCTV
- Colour- Black



665-5883 CT100	£71.31
665-5892 CT125	£102.00

665-5858 URM43	£45.75
665-5845 URM67	£180.00
665-5849 URM76	£53.00

913-5127 100 metres	£99.00
913-5120 250 metres	£245.00

RG179 LSF COAXIAL CABLE

- Connector / Cable group E
- 75 Ω
- Colour- Black
- Sold in 1 reel of 100 metres



RG178B/U COAXIAL CABLE

- Meets the requirements of MILC-17
- Connector / Cable group
- FEP Sheath
- Colour- Brown
- Sold in 1 reel of 100 metres



665-5899 RG179PE, Low Smoke Zero Halogen (LSZH) Sheath	£48.02
665-5823 RG179PE, Polyvinyl Chloride PVC Sheath	£47.00

665-5877 RG178B/U, 50 Ω	£187.00
665-5867 RG179BU, 75 Ω	£163.00
665-5864 RG178B/U, 50 Ω	£131.00

913-5073 Black- Sold in 1 reel of 100 metres	£65.00
913-5082 Black- Sold in 1 reel of 250 metres	£47.97
913-5089 White- Sold in 1 reel of 250 metres	£76.58

RG174/U COAXIAL CABLE

- For use in communications systems
- Meets the requirements of MILC-17
- Polyvinyl Chloride PVC Sheath
- Colour-Black
- Sold in 1 reel of 100 metres



CCTV RG59

- Designed for signal distribution and security systems such as CCTV
- Shotgun Cable
- Polyvinyl Chloride PVC Sheath
- Colour- Black
- Sold in 1 reel of 100 metres

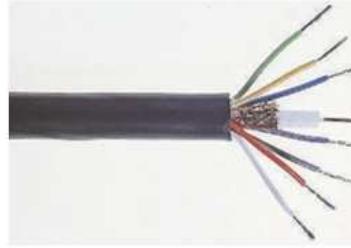


665-5855 RG174U, 50 Ω	£48.89
665-5827 RG213BU, 50 Ω	£183.27
665-5873 RG214U, 50 Ω	£580.00
665-5836 RG223U, 50 Ω	£195.00
665-5833 RG59, 75 Ω	£30.01
665-5861 RG59BU, 75 Ω	£48.32
813-3439 RG6U, 75 Ω	£92.00

742-2826	£95.00
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COAXIAL + MULTICORE

- Plain copper conductor
- Polyethylene dielectric with plain copper braid
- 7 Hook-up wires each consisting of 7/0.16mm tinned copper conductors
- UL 82/59B
- 100m reel



812-4678	£298.24
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78Ω TWIN AXIAL CABLE

- Tinned annealed copper conductors insulated with polyethylene.
- Covered with a dark grey PVC outer sheath.
- UL style 2092
- IBM Part No. 5165886
- 100m reel



812-4722

£182.03

RG179PE CABLE

- Silvered copper-clad steel stranded conductor
- 7/0.1mm with solid polyethylene dielectric
- Screen is tinned copper with a black PVC outer sheath
- 50m reel



521-7950

£56.50

RG58C/U CABLE

- Stranded tin copper conductor 19/0.18mm with solid PE dielectric
- Braided with annealed tin copper and sheath is PVC
- 500m reel



521-7916

£350.00

RG142 FEP

- Silver plated copper clad steel conductor and PTFE dielectric
- Double braided and FEP brown sheath



906-0613 FEP brown 100m

£975.00

906-0604 FEP brown 25m

£245.00

RG316 FEP

- Silver plated copper clad steel conductor and PTFE dielectric
- Double braided and FEP brown sheath



906-0629 DT FEP brown 25m

£120.00

906-0644 U FEP brown 100m

£187.00

906-0641 U FEP brown 25m

£46.25

RG178 FEP

- Silver plated copper clad steel conductor and PTFE dielectric
- Double braided and FEP brown sheath



906-0635 BIU FEP brown 100m

£131.00

906-0626 BIU FEP brown 25m

£33.25

RG6 FPE SATELLITE CABLE

- Sheathed in foam polyethylene
- Designed to meet RG6 standards



RG179 FEP

- Silver plated copper clad steel conductor and PTFE dielectric
- Double braided and FEP brown sheath



906-0610 DT FEP brown 100m

£235.00

906-0616 DT FEP brown 25m

£59.50

906-0632 BIU FEP brown 100m

£163.00

906-0638 BIU FEP brown 25m

£39.25

913-5051 Black - SATELLITE CABLE 100M

£32.00

913-5060 Black - SATELLITE CABLE 250M

£80.00

916-4100 Brown - SATELLITE CABLE 100M

£32.00

916-4106 White - SATELLITE CABLE 100M

£32.00

913-5067 White - SATELLITE CABLE 250M

£80.00

TELECOM CABLE

- Bare copper conductor with foam PE Dielectric
- Double tinned copper braid and white PVC sheath



520-3068	BT2002 Coax 100M	£88.64
521-3699	BT3002 Coax 100M	£70.03

KX6 CCA

- Bare copper conductor with foam PE Dielectric
- Copper clad aluminium braid and brown PVC sheath
- 100m reel



842-0711		£33.98
	526-0308	£14.31

URM76

- 7/0.32mm plain copper stranded conductor, solid polyethylene insulation,
- Plain copper braiding and sheathed in black PVC,
- Meets the requirements of IEC96 No. 50-3-1
- 500m reel



521-8357		£395.00
	526-0443	£11.73

BNC PLUG TO 2 X ALLIGATOR CLIP COAXIAL CABLE ASSEMBLY

- 50 Ohm male plug on one end and two colour coded black and red alligator clips the other.
- RG58/U coaxial cable 18AWG 1250mm in length.
- UL AWM 1015



520-3068	BT2002 Coax 100M	£88.64
521-3699	BT3002 Coax 100M	£70.03

SMA CABLE ASSEMBLIES

- Plug-to-plug coaxial cable assemblies terminated with SMA connectors at both ends.
- Screw-on connection
- Sub-Miniature Type A connectors give a secure and reliable connection



520-3068	BT2002 Coax 100M	£88.64
526-0241		£5.86

842-0711		£33.98
	526-0308	£14.31

SMB CABLE ASSEMBLIES

- Plug-to-plug coaxial cable assemblies terminated with SMB connectors at both ends.
- RG174 Cable



526-0443	PLG-PLG RG174 0.3M	£11.73
526-0465	PLG-PLG RG174 1M	£9.26

Visit rspro.com to order today!

BNC KX6A

- Plug-to-plug coaxial cable assemblies terminated with BNC connectors at both ends.
- KX6A Cable



546-2863	BNC plug to plug KX6A cable, 5m	£10.01
526-0487	SMA straight plg-plg RG316 RF cable 0.25m	£13.90
526-0437	SMA straight 90° plg RG174 RF cable 0.5m	£13.07

BNC CABLE ASSEMBLIES

- Plug-to-plug coaxial cable assemblies terminated with BNC connectors at both ends.
- Solid brass conductor and PVC insulation



742-4318	0.25m	£3.19
742-4311	1m	£4.27
742-4315	2m	£5.34

SMA IP67 BULKHEAD JACK TO U.FL RF CABLE ASSEMBLY

- Cable diameter of 1.37mm and a halogen free sheath.
- IP67 50 Ohm SMA bulkhead crimp jack end has cable nut, washer
- 15mm length of 2.5mm diameter black F32 heatshrink tubing
- Other end terminated with a U.FLLP-088 connector



794-2825	IP67, 100m	£8.73
794-2838	IP67, 200m	£8.73
794-2891	200m	£7.36

COAXIAL CABLE

BNC RG58 COAXIAL CABLE ASSEMBLIES

- 50 Ω BNC straight plug to plug cable assemblies.
- RG58 cable with heat shrink boots for extra protection.



122-2138	0.25m	£2.31
122-2139	0.5m	£2.43
122-2140	0.6m	£2.46
122-2141	1m	£2.64
122-2142	1.2m	£2.76
122-2143	1.8m	£3.00
122-2144	2m	£3.09
122-2145	3m	£3.54
122-2146	5m	£4.56

MMCX RG178 COAXIAL CABLE ASSEMBLIES

- 50 Ω MMCX plug to free end cable assemblies.
- RG178 cable with a heat shrink boot on the connector end for extra protection.



122-2152	90 deg, 0.3m	£1.74
122-2153	Straight, 0.3m	£1.44

MCX RG316 COAXIAL CABLE ASSEMBLIES

- 50 Ω MCX plug to free end cable assemblies.
- RG316 cable with a heat shrink boot on the connector end for extra protection.
- 300mm length



N TYPE RG213 COAXIAL CABLE ASSEMBLIES

- 50 Ω N Type plug to plug cable assemblies.
- RG213 cable with heat shrink boots for extra protection.
- 1m length



122-2155

£8.40

BNC STANDARD

- Plug-to-plug coaxial cable assemblies terminated with BNC connectors at both ends.
- With strain relief



426-2038	RG58coax cable,0.5m	£7.06
426-2044	RG58coax cable,0.5m	£6.87
426-2094	RG58coax cable,5m	£10.15

N TYPE

- Nickel plated body



426-2151	RG213 RF/coax cable,5m	£44.93
284-3792	RG58coax cable,1m	£9.06
284-3809	RG58coax cable,2m	£11.73
240-7683	RG58coax cable,3m	£13.01
284-3821	RG58coax cable,2m	£8.67

MMCX PLUG TO FREE END CABLE ASSEMBLIES

- 50 Ohm RF coaxial MMCX plug to free end
- Gold plated brass
- Stranded RG178 RF coaxial cable
- 300mm length



BNC PLUG TO 2 X 4MM TEST CABLE ASSEMBLY

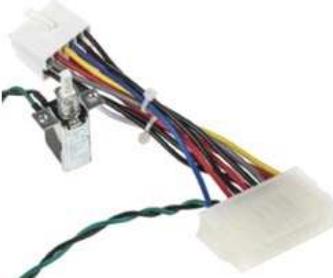
- 50 Ohm RF coaxial BNC plug to 2 x 4mm test plug.
- RG 58C/U Cable



488-595		£10.99
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ATX TO AT CABLE ASSEMBLY ADAPTER

- Converts ATX 20 pin, into an AT with 2 male 6 pin plugs
- Ideal for connecting an older mother board
- Length: 14 cm



796-1110 £4.37

DC SPLITTER

- Ideal for Sound Equipment, CCTV systems and LED Lighting
- Allows you to connect 2 units to one power source
- Connector A: 2.1mm DC Power Socket
- Connector B: (X2,4,8) 2.1mm DC Power Plugs



913-5108 2.1mm DC Splitter (8Way) £7.93
913-5095 2.1mm DC Splitter (2Way) £2.19
913-5105 2.1mm DC Splitter (4Way) £3.41

HDMI BLUE CHIPSET LONG CABLE

- 24k gold contacts
- Triple shielded
- ESD protection
- In-built chipset
- Aluminium headshell



913-4931 10m Blue, Male HDMI to Male HDMI £29.45
913-4935 15m Blue, Male HDMI to Male HDMI £42.42
913-4944 20m Blue, Male HDMI to Male HDMI £52.03
913-4947 25m Blue, Male HDMI to Male HDMI £60.26
913-4941 30m Blue, Male HDMI to Male HDMI £83.60

HDMI GREEN CHIPSET LONG CABLE

- 24k gold contacts
- Triple shielded
- ESD protection
- In-built chipset
- Aluminium headshell



913-4950 10m Green, Male HDMI to Male HDMI £29.45
913-4953 15m Green, Male HDMI to Male HDMI £42.42
913-4957 20m Green, Male HDMI to Male HDMI £52.03
913-4966 25m Green, Male HDMI to Male HDMI £60.26
913-4969 30m Green, Male HDMI to Male HDMI £83.60

BLACK CUSTOM INSTALL HDMI CABLE

- Short headshell 70% smaller than standard HDMI
- Active chipset
- Aluminium headshell
- Easy installation

**HDMI RED CHIPSET LONG CABLE**

- 24k gold contacts
- Triple shielded
- ESD protection
- In-built chipset
- Aluminium headshell



913-4913 10m Red, Male HDMI to Male HDMI £29.45
913-4922 15m Red, Male HDMI to Male HDMI £42.42
913-4925 20m Red, Male HDMI to Male HDMI £52.03
913-4929 25m Red, Male HDMI to Male HDMI £60.26
913-4938 30m Red, Male HDMI to Male HDMI £83.60

913-4837 0.5m HDMI CABLE with Slim connector £4.18
913-4830 1m HDMI CABLE with Slim connector £5.20
913-4834 75m HDMI CABLE with Slim connector £13.20

BRAIDED SLIM HDMI CABLE

- Braided aluminium HDMI cable
- Robust aluminium head shell
- High levels of reliability & abrasion protection.

**WHITE CUSTOM INSTALL HDMI CABLE**

- Short headshell 70% smaller than standard HDMI
- Active chipset
- Aluminium headshell
- Easy installation



913-4824 0.5m Custom Install Aluminium HDMI Cable £4.19
913-4828 75m Custom Install Aluminium HDMI Cable £13.20
913-4843 0.5m HDMI Cable, Slim Aluminium £3.93
913-4846 75m HDMI Cable, Slim Aluminium £12.85

SLIM CUSTOM INSTALL HDMI CABLE

- Short headshell 70% smaller than standard HDMI
- Active chipset
- Aluminium headshell
- Easy installation
- Available colours: blue, green and red



913-4840	1m, Blue	£4.32
913-4859	3m, Blue	£6.14
913-4852	5m, Blue	£8.37
913-4856	7.5m, Blue	£10.79
913-4874	1m, Green	£4.32
913-4878	3m, Green	£6.14
913-4887	5m, Green	£8.37
913-4880	7.5m, Green	£10.79
913-4865	1m, Red	£4.32
913-4868	3m, Red	£6.14
913-4862	5m, Red	£8.37
913-4871	7.5m, Red	£10.79

HDMI TO DVI-D CABLE

- HDMI 19 Pin
- DVI 24+1 Pin Connector (Only Single Link Pins Connected)
- DVI-D Single Link
- Passive Cable



DVI-D DUAL LINK CABLE ALUMINIUM

- DVI-D connector type
- Black PVC sheath



913-5004	Aluminium 2m	£10.29
913-5007	Aluminium 5m	£15.01

DVI-D DUAL LINK CABLE PLASTIC

- DVI-D connector type
- Black PVC sheath



SVGA EXTENSION CABLE

- Super VGA cable for extending signal over distance
- Triple shielded with copper braid, foil and drain wire.



913-5001		£7.89
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SUPER FLAT HDMI CABLE

- Supports 3D, 4k*2k, 10.2Gbps, 2160P and XV colour
- Braided for abrasion protection
- Triple shielded
- High speed with Ethernet

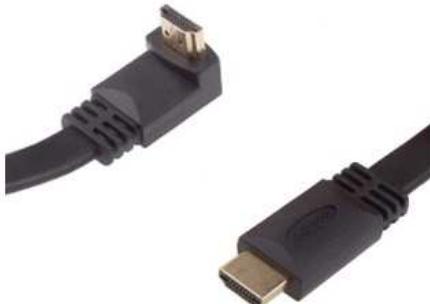


913-4981	Plastic, 1m	£7.00
913-4985	Plastic, 2m	£8.57
913-4994	Plastic, 3m	£10.14
913-4997	Plastic, 5m	£13.28
913-4991	Plastic, 7.5m	£19.69
913-4884	1m	£4.62
913-4893	2m	£5.73
913-4896	3m	£6.84
913-4890	4m	£7.98
913-4900	5m	£9.21
913-4903	7.5m	£11.99

121-6634	5MTR HD15 M HD15 F SVGA	£11.43
121-6637	20MTR HD15 M HD15 F SVGA	£36.79

HDMI TO RIGHT ANGLED HDMI CABLE

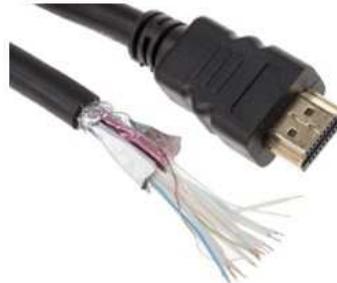
- HDMI connector type
- Voltage rating of 300 V dc
- Comes in black colour sheath



913-4972 1m	£5.27
913-4975 2m	£6.56

HDMI TO BARE END CABLE

- HDMI connector type
- Voltage rating of 300 V dc
- Comes in black colour sheath
- 75m length



913-4963	£13.19
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HDMI EXTENSION CABLE

- HDMI male to female connector type
- Voltage rating of 300 V dc
- Comes in black colour sheath



913-4979 0.5m	£4.10
913-4988 1.5MTR HDMI TO MICRO DVI 4	£5.05

SVGA PVC MONITOR CABLE

- Consists of a combination of coaxial and twisted pair premium grade shielded video cable with a black PVC sleeve
- Applications include presentation devices, video splitters and KVM
- SVGA connector type



913-5010 Plastic, Premium 1m	£6.13
913-5013 Plastic, Premium 2m	£7.43
913-5017 Plastic, Premium 3m	£8.75
913-5026 Plastic, Premium 5m	£11.40
913-5029 Plastic, Premium 75m	£15.78
913-5023 Aluminium 3m	£9.77

HDMI HD WITH LOCKING CONNECTOR CABLE

- 2.0 V with Ethernet and Audio return channel
- 2 Latch Locking connector
- 24k gold plated copper contact for corrosion resistance
- ALMG triple shield 100%
- RoHS soft PVC jacket
- 4K Ultra HD
- 500mm length



913-4907	£3.97
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ACTIVE CHIPSET LONG CABLE BLACK

- 24k gold contacts
- Triple shielded
- ESD protection
- In-built chipset
- Aluminium headshell



913-4916 40m	£104.07
913-4919 50m	£133.69

THINWIRE HDMI CABLE

- Easy to install due to its tiny size
- Supports Audio Return Channel
- Short connector allows slim TVs to sit flush against the wall
- High Speed with Ethernet
- Oxygen-free conductors
- 24k gold contacts for the ultimate in data output
- Ultra slim
- High performance



913-4812 0.5m	£3.14
913-4821 25m	£14.36

HDMI TO HDMI CABLE WHITE

- Compact, user friendly design meets consumer equipment needs
- 5 GB/s bandwidth supports uncompressed audio/video in a single cable
- HDMI-DVI cables DVI backward compatible
- Signal layout low impedance mismatch
- Fully shielded-ESD protection
- Meets the HDMI 1.2b standard and the higher bandwidth this standard requires



876-2393 HDMI Cable,M/M,1.2M,Gold Plated,White	£3.86
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HDMI TO DVI-D SL CABLE

- Outer diameter 7.3mm
- Compact, user friendly design-meets consumer equipment needs
- 5 GB/s bandwidth supports uncompressed audio/video in a single cable
- HDMI-DVI cables DVI backward compatible
- Mounting flange protects solder joints; additional grounding
- Signal layout low impedance mismatch
- Fully shielded-ESD protection



489-434 HDMI to DVI-D SL Cable 1m £10.96

HDMI TO HDMI CABLE BLACK

- Compact, user friendly design meets consumer equipment needs
- 5 GB/s bandwidth supports uncompressed audio/video in a single cable
- HDMI-DVI cables DVI backward compatible
- Signal layout low impedance mismatch
- Fully shielded-ESD protection
- Meets the HDMI 1.2b standard and the higher band width this standard requires



489-428	1m	£10.82
489-412	2m	£21.00
489-422	3m	£29.97
489-466	5m	£26.16
489-399	10m	£50.70
489-400	15m	£69.11

DISPLAY PORT CABLE

- Digital display interface between a computer and display monitor or a computer and home tv/cinema system



121-3286	RS DisplayPort DP M-DP M 10m	£20.27
815-8536	VALUE DisplayPort DP M - DP M 1m	£7.58
790-3855	DisplayPort Cable DP M - DP M 2m	£9.23

HIGH SPEED HDMI TO HDMI CABLE

- High speed male HDMI to male HDMI cable
- HDMI 19-pin connector type
- 10m length



121-3278	10m	£13.60
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DVI - HDMI CABLE DVI MALE - HDMI MALE

- DVI-D (18+1) to HDMI connectors
- Allows connection between a TFT monitor with DVI connector to a TV tuner card with HDMI connector
- Comes in black colour sheath
- 1m length



FEMALE HDMI TO FEMALE HDMI ADAPTER

- Female to female HDMI adapter
- Gold plated shells
- For extending distance



121-2768	HDMI F - HDMI F	£2.82
121-2767	HDMI F - HDMI Mini M	£2.90

HDMI WITH ETHERNET CABLE

- High speed HDMI cable with Ethernet
- HDMI 19-pin connector type
- UL 20276 standards



121-2779	1m	£5.17
121-2780	2m	£6.86
121-2781	3m	£8.77
121-2782	5m	£14.08
121-2783	10m	£24.86
121-2784	15m	£55.39
121-3228	20m	£92.75

DVI-I CABLE ASSEMBLIES

- DVI-D to DVI-D cable assembly is designed to carry digital signals
- Shielded
- 10m length



121-3275	10m	£24.35
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DISPLAY PORT, DISPLAY PORT - HDTV, MALE / MALE

- Defining a new digital audio / video interconnection this DisplayPort can be used between computers and display monitors.
- Home theatres can also be connected to a computer using DisplayPorts.
- 1m length



144-8601

£14.88

MINI DISPLAY PORT MINI DISPLAY PORT-HDTV, MALE / MALE

- Defining a new digital audio / video interconnection this DisplayPort can be used between computers and display monitors.
- Home theatres can also be connected to a computer using DisplayPorts.



144-8606 2m

£15.71

144-8607 3m

£18.34

SVGA CABLE HD15 M - HD15 M

- Cables for monitor connection to a graphics card, VGA splitter or amplifier
- Covers long distances (dependant on card and resolution) with high resolution
- Double shielded cable - 3 coax lines for the RGB signals and 7 AWG28 wires
- Thumbscrews
- 3m length



790-3741

£8.74

DVI TO X2 HDMI VIDEO SPLITTER

- One male DVI and 2 female HDMI ports
- Gold-plated shells
- Ideal to use with multimedia and presentation equipment
- 0.25m length



121-3244

£11.19

HDMI TO MICRO D V1.4

- HDMI V1.4
- Supports 3D over HDMI
- Supports 4K x 2K
- Audio Return Channel
- HDMI Ethernet Channel

**V1.4 HDMI WITH ETHERNET CABLE BLACK**

- Supports 4K x 2K
- Audio Return Channel
- HDMI Ethernet Channel



121-6583 0.5m

£3.67

121-6584 1m

£4.15

121-6585 2m

£4.98

121-6586 3m

£6.05

121-6587 5m

£9.07

121-6588 10m

£24.24

121-6589 15m

£54.21

121-6590 20m

£81.41

121-6599 1m

£6.99

121-6600 1.5m

£7.17

121-6601 2m

£8.77

121-6602 3m

£10.72

121-6603 5m

£15.76

HDMI TO HDMI CABLE V1.3

- HDMI V1.3
- Supports 3D over HDMI
- Supports 4K x 2K
- Audio Return Channel
- HDMI Ethernet Channel

**V1.4 HDMI OVER ETHERNET CABLE WHITE**

- Supports 4K x 2K
- Audio Return Channel
- HDMI Ethernet Channel



121-6591 0.5m, GOLD CONNECT

£3.73

121-6592 1m, GOLD CONNECT

£4.50

121-6593 2m, GOLD CONNECTOR

£5.15

121-6594 3m, GOLD CONNECT

£6.46

121-6595 5m, GOLD CONNECT

£9.60

121-6596 10m, ETHERNET

£25.12

121-6597 15m, ETHERNET

£55.10

121-6598 20m, ETHERNET

£83.96

121-6605 2m

£12.56

121-6606 3m

£14.22

121-6607 5m

£16.71

121-6608 10m

£32.59

SVGA TO SVGA CABLE

- UL2919 approved mini triple Coaxial cable
- Triple shielded copper braided, foil and drain wire.



121-6628	0.5m, black	£5.40
121-6610	0.5m, white	£5.40
121-6630	1m, black	£5.69
121-6633	5m, black	£11.62
121-6617	5m, white	£11.62
121-6622	15m, black	£37.80
121-6619	10m, white	£19.49
121-6624	20m, white	£33.77
121-6639	25m, black	£57.48
121-6626	25m, white	£57.48
121-6641	50m, black	£102.98

DVI-D DUAL LINK CABLE

- DVI-D Dual Link
- Supports Dual Link Resolutions
- 25 Pin
- With Ferrites



121-6648	1m	£9.24
121-6649	2m	£12.26
121-6650	3m	£14.93
121-6651	5m	£21.86
121-6652	10m	£39.34

HDMI - VGA ADAPTOR FOR RASPBERRY PI

- Standard HDMI Male to VGA female
- supports the following monitor resolutions: 1024x768, 1280x768, 1280x1024, 1366x768, 1440x900
- The converter takes power from the HDMI source so no external power supply is required
- Suitable for use with Raspberry Pi

**SVGA EXTENSION CABLE**

- A Super VGA cable for extending signal over distance; triple shielded with copper braid, foil and drain wire.

**SVGA PVC MONITOR CABLE**

- Consists of a combination of coaxial and twisted pair premium grade shielded video cable with a black PVC sleeve
- Applications include presentation devices, video splitters and KVM
- SVGA connector type

**VIDEO DVI ADAPTER**

- Male DVI-A to Female VGA DVI-A connector type
- Allowing interface to analogue monitor/graphics cards and digital displays
- Comes in black colour sheath



121-6629	1m, black	£8.00
121-6611	1m, white	£8.00
121-6631	2m, black	£7.34
121-6632	3m, black	£8.48
121-6621	15m, white	£29.62
758-7523	10m	£27.00
758-7532	30m	£55.60
		489-349
		£4.13

USB 2.0 INTERFACE CABLE ASSEMBLY

- Enable data speeds of up to 480 Mbps.
- Compatible with USB 1.1 and will work with all USB devices.
- 1.8m length.



121-6577

£2.48

USB 3.1 TYPE C MALE TO MALE CABLE ASSEMBLIES

- Up to 10Gbps in each direction.
- Multifunction USB, power and AV.
- Flippable and reversible.
- Improved EMI performance.

895-0483 1m
895-0492 2m£15.16
£22.71**USB TO SERIAL CONVERTER**

- Connect serial to USB devices.
- USB A male to DB9 male assembly.
- Plug and play set up.
- Needs no interrupt (IRQ).
- 505mm length.



550-170

£15.61

USB DOUBLE SERIAL CONVERTER

- 2x 9 Way RS-232 Serial Ports can be used with Modems, Digital Cameras, GPS Devices, Scanners, PDAs, Serial Mice etc.
- Compliant with Universal Serial Bus revision 1.1.
- Dual Serial Interfaces.
- Compliant with asynchronous Serial Interfaces.
- Over 1 Mbps Transfer Rate per port.
- Provides Remote Wake-up and Power Management.
- Data Buffers for Upstream and Downstream on each port.



684-5391

£17.96

USB TYPE A-C CABLE ASSEMBLIES

- Connect and integrate the latest USB C devices to existing devices with standard USB A connections.
- USB C connector has the unique reversible feature, allowing you to plug in any direction first time every time.
- USB C connector is compact in design and supports the latest USB versions 3.1 standard.

895-0495 USB 3.1 TYPE A MTO C M 1.0MTR
895-0499 USB 2.0 TYPE A MTO C M 2MTR£18.38
£6.14**MINI USB PERIPHERAL INTERFACE CABLE**

- USB A mini male to USB B mini male.
- Fully shielded.
- Comes in dark grey colour.
- 1m length.



437-0117

£3.20

USB 2.0 CABLE TYPE A - MICRO B SERIES

- USB type A male and Micro USB male cable assembly for use with various personal devices.
- Meets standard USB 2.0, transfer rate up to 480 Mbit/s.
- Screened.



876-2403

£4.14

MICRO USB TO TYPE C CABLE ASSEMBLIES

- Micro USB to USB type C cable assemblies.
- Type C connector on one end and a micro USB on the other.
- Black PVC sheath.

895-0509 1m
895-0502 2m
895-0506 150mm£5.39
£6.75
£10.39

USB 2.0 MICRO B CHARGING CABLE

- A male micro USB type B to male micro USB type B connector
- White PVC outer sheath
- Meets UL 2725 standards



121-3243 £2.06

LIGHTNING TO USB CABLE

- Ideal for applications such as iPhone 5, 5s, 6, 6 plus. Also works with iPod Nano, iPads and iPad Mini.
- High quality
- USB Cable with 1 x type A (male) and 1 x lightning connector
- Improved shielding
- USB 2.0 standard



144-8585 Lightning to USB 1m £13.36

144-8587 Lightning to USB 0.15m £16.20

USB 2.0 A-5PIN MINI M/M

- Hi-speed 2.0 USB cable.
- Connecting to devices such as digital cameras, mobile phones and MP3 players.



144-8588 £2.24

USB 2.0 CABLE TYPE A - MICRO B SERIES

- USB type A male and Micro USB male cable assembly for use with various personal devices.
- Meets standard USB 2.0, transfer rate up to 480 Mbit/s
- Screened



121-3250	USB2.0 Cable, A-MicroB, M/M, 0.15m	£1.04
121-3251	USB2.0 Cable, A-MicroB, M/M, 1.8m	£1.53
144-8589	USB 2.0 A-microB MM 0.8m	£1.29
790-3656	USB 2.0 CableType A - Micro B 0.8m	£2.48
144-8591	USB 2.0 A-microB MM 3m	£2.16

USB 3.1 C-A MALE /FEMALE OTG ADAPTER

- 1 x Type C USB (male) and 1 x Type A (female) connector
- High-quality USB 3.1 OTG (On the Go) Cable adapter



144-8600 £5.96

USB 2.0 CABLE, TYPE A-B

- A USB A male to USB B male cable assembly
- Screened cable
- 48% braid coverage



790-3940	USB 2.0 CableType A - B 3.0m	£2.21
144-8592	USB 2.0 , A - B, M/M, 4.5m	£2.54
121-3258	USB3.0 Cable, A-MicroB, M/M, 0.8m	£3.19
121-3257	USB3.0 Cable, A-MicroB, M/M, 0.15m	£2.70



121-3238 £32.67

USB 2.0 A TYPE TO A TYPE CABLE

- A USB 2.0 male A type to male A type cable
- Backwards compatible to USB 1.1



144-8594	USB 2.0 , A - A, M/M, 4.5m	£2.54
121-3247	USB2.0 Cable, A-A, M/F 0.8m	£1.11
121-3248	USB2.0 Cable, A-A, M/F 1.8m	£1.53
121-3249	USB2.0 Cable, A-A, M/F 3m	£1.91
121-3252	USB3.0 Cable, A-A, M/F 0.8m	£3.05
121-3253	USB3.0 Cable, A-A, M/F 1.8m	£3.85

GIGABIT ETHERNET CONVERTER

- Converts a USB 3.0 port into a 10/100/1000 Base-T Ethernet port.
- Supports Windows XP/7 and MAC OS X, Windows 10



121-3246	USB3.0 Gigabit Ethernet Converter	£27.10
121-3245	USB2.0 to Fast Ethernet Converter	£17.20

USB LIGHTNING CABLE WITH LED CHARGE INDICATOR

- A 90cm lightning cable with LED indicator, showing an orange light when charging and green when fully charged.
- Apple MFi-Certified (iPod, iPhone, iPad) Lightning to USB charge/Sync cable
- iDevice can be charged while syncing files to a computer using a USB port



913-5118 £23.62

USB 2.0 A TYPE TO A TYPE CABLE

- USB 2.0 male A type to male A type cable,
- Backwards compatible to USB 1.1.



121-6563	1.8MTR USB 2.0 A M A M BLK	£2.54
121-6564	1MTR USB 2.0 A M A M BLK	£2.11
121-6565	3MTR USB 2.0 A M A M BLK	£3.20
121-6566	5MTR USB 2.0 A M A M BLK	£4.28

USB 2.0 EXTENSION CABLE

- Male USB A type to female USB A type
- Backwards compatible with USB 1.1.



121-6567	25CM USB 2.0 A M AF BLK EXT	£1.87
121-6568	12CM USB 2.0 A M AF BLK EXT	£1.87
121-6569	1MTR USB 2.0 A M AF BLK EXT	£2.17
121-6570	5MTR USB 2.0 A M AF BLK EXT	£4.11

USB 2.0 MALE A TO MALE MINI B CABLE

- USB 2.0 A (Male) to Mini B (5 Pin)
- This range of cables connects devices such as:
 - digital cameras and mini DV camcorders to a PC or Laptop via a USB port to connect PCs to peripheral devices such as digital cameras.



121-6571	1.8MTR USB 2.0 AM MINI B 5 PIN BLACK	£2.06
121-6572	0.5MTR USB 2.0 AM MINI B 5 PIN BLACK	£1.53
121-6573	1MTR USB 2.0 AM MINI B 5 PIN BLACK	£1.67
121-6574	3MTR USB 2.0 AM MINI B 5 PIN BLACK	£2.41
121-6575	5MTR USB 2.0 AM MINI B 5 PIN BLACK	£3.15

USB 2.0 TYPE A TO TYPE C CABLE

- Type A male to Type C male USB cable;
- Ideal for connecting mobile devices with a USB C socket to a PC or laptop that has a traditional USB A type socket.



116-9375	USB Type-C to USB 2.0 Type A 1m	£4.47
116-9372	Type-C to Type A Cable (USB 3.1) 1m	£8.15
116-9374	USB Type-C to USB Type-A (F) (USB 3.1) 150mm	£7.15
116-9373	Type-C Cable (USB 3.1) 1m	£17.57

USB 2.0 INTERFACE CABLE ASSEMBLY

- Enables data speeds of up to 480 Mbps.
- USB 2.0 interface cables are compatible with USB 1.1 and will work with all USB devices



121-6576		£2.13
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WATERPROOF USB-A CABLE ASSEMBLIES

- Waterproof USB-A cable assemblies
- IP67 assemblies are constructed from weatherproof cable with standard USB-A connectors.



111-6748	USB-A Plastic C4 Panel Lock 0.2m	£14.59
111-6752	USB-A Plastic C4 Cable end Plug Lock 2m	£13.05

USB 2.0 CABLE, TYPE A-B

- USB A male to USB B male cable assembly with a multitude of uses.
- Screened cable
- 48% braid coverage



121-6578	1.8MTR USB 2.0 AM MICRO B M BLACK	£2.97
121-6579	0.5MTR USB 2.0 AM MICRO B M BLACK	£2.30
121-6580	1MTR USB 2.0 AM MICRO B M BLACK	£2.60
121-6581	3MTR USB 2.0 AM MICRO B M BLACK	£3.74
121-6582	5MTR USB 2.0 AM MICRO B M BLACK	£4.77

WATERPROOF MINI USB-B CABLE ASSEMBLIES

- Waterproof Mini USB-B cable assemblies
- IP67 assemblies have Mini USB-B connectors.
- PBT housings and gold plated copper alloy contacts.



111-6755	Mini USB-B Plastic C2 Panel Jack Lock 0.2m	£14.83
122-3019	Mini USB-B Plastic 2M Cable + USB-A PLUG 2m	£8.00

USB CABLE

WATERPROOF USB-A CABLE ASSEMBLIES

- Waterproof USB-A cable assemblies.
- IP67 assemblies with standard USB-A connectors



111-6758

£12.53

WATERPROOF USB-A METAL CABLE ASSEMBLIES

- Waterproof USB-A cable assemblies.
- IP68 cable assemblies with rugged metal USB-A panel or cable mount connections
- Contacts are formed from high grade copper alloy with a gold flash plating.
- Silicone pads and O-Rings provide extra sealing.



WATERPROOF MICRO USB A-B CABLE ASSEMBLIES

- Waterproof USB-AB cable assemblies
- IP67 cable assemblies with rugged Micro USB connections



111-6750

£19.83

WATERPROOF MICRO USB-B CABLE ASSEMBLIES

- Waterproof Micro USB-B cable assemblies
- IP67 cable assemblies with rugged thermoplastic housed connectors.
- Contacts are formed from high grade copper alloy with a gold plating.



122-3018

£16.15

USB EXTENSION CABLE ASSEMBLY

- USB extension cable assembly with a USB A male to USB A female configuration.
- Designed to accept a 480 Mb/sec data throughput when connected to a USB 2.0 host controller



758-7510

£2.08

USB 2.0 A-B TRANSPARENT CABLE ASSEMBLY

- USB 2.0 transparent cables are designed to accept a 480 Mb/sec data throughput when connected to a USB 2.0 host controller.

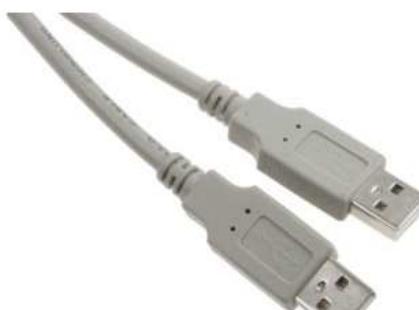


758-7501

£3.10

USB 2.0 INTERFACE CABLE ASSEMBLY

- USB 2.0 interface cable assembly designed to enable data speeds of up to 480 Mbps.
- Compatible with USB 1.1 and will work with all USB devices



USB 2.0 INTERFACE CABLE ASSEMBLY

- USB 2.0 interface cable assembly designed to enable data speeds of up to 480 Mbps.
- These USB 2.0 interface cables are compatible with USB 1.1 and will work with all USB devices



758-7497	USB 2.0 A-A 3m	£3.67
758-7488	USB 2.0 A-A 2m	£2.21

758-7490	USB 2.0 A-B 1m	£2.21
758-7494	USB 2.0 A-B 2m	£2.21
758-7504	USB 2.0 A-B 3m	£3.67

M12 RIGHT TO FREE END 3 CORE

- Wire is un-terminated and partially stripped
- Insulation resistance = 100 MΩ
- Neoprene O-ring
- Brass nickel plated coupling nut



877-1022	Female Angled, 4W, 2m	£5.53
877-1117	Female Angled, 4W, 2m PUR	£5.37
877-1034	Female Angled, 4W, 5m	£8.79
877-1129	Female Angled, 4W, 5m PUR	£7.98

M12 STRAIGHT TO FREE END 3 CORE

- Wire is un-terminated and partially stripped
- Insulation resistance = 100 MΩ
- Neoprene O-ring
- Brass nickel plated coupling nut



877-1056	Female Straight, 4W, 2m	£4.87
877-1132	Female, 4W, 3 Core 2m PUR	£7.09
877-1050	Female Straight, 4W, 5m	£8.69

M12 MALE TO FEMALE 3 CORE

- Wire is un-terminated and partially stripped
- Insulation resistance = 100 MΩ
- Neoprene O-ring
- Brass nickel plated coupling nut



877-1195	M12 male-M12 Female Angled, 4W, 2m	£14.13
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M12 RIGHT TO FREE END 4 CORE

- Wire is un-terminated and partially stripped
- Insulation resistance = 100 MΩ
- Neoprene O-ring
- Brass nickel plated coupling nut



877-1038	Female Angled, 4W, 2m	£7.29
877-1126	Female Angled, 4W, 2m PUR	£5.75
124-7071	Female Angled, 4W, 2m, Mini	£7.04
877-1040	Female Angled, 4W, 5m	£9.85
877-1047	Female Angled, 4W, 5m	£8.63

M12 STRAIGHT TO FREE END 4 CORE

- Wire is un-terminated and partially stripped
- Insulation resistance = 100 MΩ
- Neoprene O-ring
- Brass nickel plated coupling nut



877-1062	Female Straight, 4W, 2m	£7.02
877-1069	Female Straight, 4W, 5m	£9.48
877-1075	Female Straight, 4W, 5m	£10.83
877-1066	Female Straight, 4W, 5m	£10.55
877-1078	Female Straight, 5W, 2m	£8.48

M12 MALE TO FEMALE 4 CORE

- Wire is un-terminated and partially stripped
- Insulation resistance = 100 MΩ
- Neoprene O-ring
- Brass nickel plated coupling nut



877-1205	M12 male-M12 Female Angled, 4W, 4 Core 2m	£14.77
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M12 RIGHT TO FREE END 5 CORE

- Wire is un-terminated and partially stripped
- Insulation resistance = 100 MΩ
- Neoprene O-ring
- Brass nickel plated coupling nut



877-1123	Female Angled, 5W, 2m PVC	£7.10
877-1139	Female Angled, 5W, 2m PUR	£9.84
124-7072	Female Angled, 5W, 2m, Mini	£10.12
877-1044	Female Angled, 5W, 5m	£10.98

M12 STRAIGHT TO FREE END 5 CORE

- Wire is un-terminated and partially stripped
- Insulation resistance = 100 MΩ
- Neoprene O-ring
- Brass nickel plated coupling nut



877-1135	Female, 5W, 5 Core 2m PUR	£9.27
124-7073	Male Angled, 4W, 2m	£5.96
124-7074	Male Angled, 4W, 2m, Mini	£5.72
124-7075	Male Angled, 5W, 2m	£8.80
124-7076	Male Angled, 5W, 2m, Mini	£8.80
877-1151	male, 4W, 4 Core 2m PVC	£5.09
877-1157	male, 4W, 4 Core 2m PUR	£5.34
877-1160	male, 4W, 4 Core 5m PVC	£11.49
877-1163	male, 5W, 5 Core 2m PVC	£10.10
877-1167	male, 5W, 5 Core 5m PVC	£12.67

M12 MALE TO FEMALE 4 CORE LED

- Wire is un-terminated and partially stripped
- Insulation resistance = 100 MΩ
- Neoprene O-ring
- Brass nickel plated coupling nut



877-1202	M12 male-M12 Female Angled, 4W, 2 LED, 2m	£15.80
877-1211	M12 male-M12 Female Angled, 4W, 3 LED, 2m	£16.62
877-1084	M12 male - M12 Female Angled, 4W, 5m	£17.39

BASEC PVC STEEL WIRE ARMOURED CABLE

- Stranded plain annealed copper conductors
- XLPE insulated extruded PVC bedding
- Galvanized steel wire armoured and PVC outer sheath



H07 V-R RIGID DOMESTIC CABLE

- H07 V-R (450 / 750 V) rigid cable for domestic circuits in conduits or tubing.
- Wires for panels and equipment.
- Cabled round wire, flexibility class 2.



823-4898	3 Core 4.0mm Cable 100m	£293.56
823-4908	4 Core 4.0mm Cable 100m	£345.69
823-4901	4 Core 6.0mm Cable 100m	£455.66
823-4905	4 Core 10.0mm Cable 100m	£771.53

139-133	H07VR25 GREEN/YELLOW C100m	£578.45
139-149	H07VR35 GREEN/YELLOW C100m	£792.55
536-017	H07VR 10 C GREEN/YELLOW 100m	£206.77
536-023	H07VR 6 C GREEN/YELLOW 100m	£118.28

STEEL WIRE ARMOURED MULTI CORE CABLES

- Suitable for use on indoor, outdoor and direct buried installations.
- BASEC approved to BS5467
- Stranded annealed copper to BS EN 60228
- Black PVC bedding to BS EN 60811-1-1 extruded over insulated cores
- Black PVC type 9 to BS7654.2



H07V-U RIGID WIRES

- Ideal for domestic circuits in conduits or tubing
- Commonly used to obtain better contact and greater resistance to vibration
- They are round and heavy, and have class 1 flexibility.



777-0497	3 core 1.5mm SWA cable 50m	£73.93
777-0490	3 core 2.5mm SWA cable 50m	£111.64
777-0504	3 core 4.0mm SWA cable 50m	£159.79
777-0501	4 core 1.5mm SWA cable 50m	£96.44
777-0510	4 core 2.5mm SWA cable 50m	£124.80
777-0513	4 core 4.0mm SWA cable 50m	£175.21
777-0517	4 core 10.0mm SWA cable 50m	£408.48
777-0526	4 core 16.0mm SWA cable 50m	£606.53
777-0529	4 core 6.0mm SWA cable 50m	£247.52
777-0532	5 core 2.5mm SWA cable 50m	£277.90
777-0535	5 core 4.0mm SWA cable 50m	£366.53
777-0539	3 core 1.5mm SWA cable 100m	£140.46
777-0548	3 core 2.5mm SWA cable 100m	£212.12

536-029	H07VU 4 C100 GREEN/YELLOW 100m	£68.69
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**6491X H07V-R CONDUIT CABLE
1.5MM 100M**

- The 6491X cable H07V-R harmonized is suitable for power and lighting circuits and building wire.
- For use in semi flush exposed and embedded conduits, closed installation ducts
- Ideal for internal wiring appliances
- PVC insulation
- Class 2stranded copper conductor
- Flame retardant



836-0852	1.5mm Black	£28.15
836-0861	1.5mm Blue	£28.15
836-0864	1.5mm Brown	£28.15
836-0868	1.5mm Grn/Yw	£28.15
836-0877	1.5mm Grey	£28.15

**6491X H07V-R CONDUIT CABLE
6MM 100M**

- The 6491X cable H07VR harmonized is suitable for power and lighting circuits and building wire.
- For use in semi flush exposed and embedded conduits, closed installation ducts
- Ideal for internal wiring appliances
- PVC insulation
- Class 2stranded copper conductor
- Flame retardant



836-0903	6mm Black	£94.46
836-0912	6mm Blue	£94.46
836-0915	6mm Brown	£94.46
836-0919	6mm Grn/Yw	£94.46
836-0928	6mm Grey	£94.46

**6491X H07V-R CONDUIT CABLE
25MM 100M**

- The 6491X cable H07V-R harmonized is suitable for power and lighting circuits and building wire.
- For use in semi flush exposed and embedded conduits, closed installation ducts
- Ideal for internal wiring appliances
- PVC insulation
- Class 2stranded copper conductor
- Flame retardant



836-0953	25mm Black	£247.38
836-0962	25mm Blue	£174.62
836-0965	25mm Brown	£203.36
836-0969	25mm Grn/Yw	£174.62

**6491X H07V-R CONDUIT CABLE
2.5MM 100M**

- The 6491X cable H07V-R harmonized is suitable for power and lighting circuits and building wire.
- For use in semi flush exposed and embedded conduits, closed installation ducts
- Ideal for internal wiring appliances
- PVC insulation
- Class 2stranded copper conductor
- Flame retardant



836-0870	2.5mm Black	£43.45
836-0874	2.5mm Blue	£43.45
836-0883	2.5mm Brown	£43.45
836-0886	2.5mm Grn/Yw	£43.45
836-0880	2.5mm Grey	£43.45

**6491X H07V-R CONDUIT CABLE
10MM 100M**

- The 6491X cable H07V-R harmonized is suitable for power and lighting circuits and building wire.
- For use in semi flush exposed and embedded conduits, closed installation ducts
- Ideal for internal wiring appliances
- PVC insulation
- Class 2stranded copper conductor
- Flame retardant



836-0921	10mm Black	£140.64
836-0925	10mm Blue	£140.64
836-0934	10mm Brown	£139.01
836-0937	10mm Grn/Yw	£140.64
836-0931	10mm Grey	£140.64

**6491B H07Z-R CONDUIT CABLE
1.5MM 100M**

- 6491BX Conduit Cable H07Z-R can be used with power and lighting circuits and building wire.
- For use in semi-flush exposed conduits and embedded conduits
- Can be used in closed installation ducts
- Ideal for internal appliance wiring
- Class 2 stranded copper conductor
- PVC insulation
- Flame retardant



836-0971	1.5mm Black	£19.50
836-0975	1.5mm Blue	£27.16
836-0984	1.5mm Brown	£27.16
836-0987	1.5mm Green/Yellow	£27.16
836-0981	1.5mm Grey	£27.16

**6491X H07V-R CONDUIT CABLE
4MM 100M**

- The 6491X cable H07V-R harmonized is suitable for power and lighting circuits and building wire.
- For use in semi flush exposed and embedded conduits, closed installation ducts
- Ideal for internal wiring appliances
- PVC insulation
- Class 2stranded copper conductor
- Flame retardant

**6491X H07V-R CONDUIT CABLE
16MM 100M**

- The 6491X cable H07V-R harmonized is suitable for power and lighting circuits and building wire.
- For use in semi flush exposed and embedded conduits, closed installation ducts
- Ideal for internal wiring appliances
- PVC insulation
- Class 2stranded copper conductor
- Flame retardant



836-0899	4mm Black	£62.17
836-0892	4mm Blue	£62.17
836-0896	4mm Brown	£62.17
836-0906	4mm Grn/Yw	£62.17
836-0909	4mm Grey	£62.17

836-0943	16mm Blue	£234.41
836-0947	16mm Brown	£234.41
836-0956	16mm Grn/Yw	£234.41
836-0959	16mm Grey	£89.60

**6491B H07Z-R CONDUIT CABLE
2.5MM 100M**

- 6491BX Conduit Cable H07Z-R can be used with power and lighting circuits and building wire.
- For use in semi-flush exposed conduits and embedded conduits
- Can be used in closed installation ducts
- Ideal for internal appliance wiring
- Class 2 stranded copper conductor
- PVC insulation
- Flame retardant



836-0990	2.5mm Black	£39.78
836-0997	2.5mm Brown	£39.78
836-1000	2.5mm Green/Yellow	£39.78
836-1003	2.5mm Grey	£39.78

TYPE CY 50M

- This CY cable provides excellent interference-free transmission.
- Suitable for fixed installations or temporary flexible use.
- For use outdoors when protected or in dry or moist indoor conditions.



522-529	3 core 1.0mm (50M)	£56.51
522-575	3 core 1.5mm (50M)	£67.50
522-428	4 core 0.75mm (50M)	£59.00
522-525	4 core 1.0mm (50M)	£65.50
522-626	4 core 1.5mm (50M)	£87.00
522-636	4 core 2.5mm (50M)	£124.50
522-557	5 core 2.5mm (50M)	£134.00
522-553	7 core 1.5mm (50M)	£114.50

CY CONTROL CABLE 50M

- Suitable for fixed installation under medium mechanical stresses.
- Applications include: measurement and control technologies, office machines and systems for data processing.



827-4139	2 core 0.5mm control cable 50m	£39.00
827-4133	2 core 0.75mm control cable 50m	£44.50
827-4142	2 core 1.0mm control cable 50m	£46.00
827-4145	2 core 1.5mm control cable 50m	£62.50
827-4149	3 core 0.5mm control cable 50m	£52.00
827-4158	4 core 0.5mm control cable 50m	£57.00
827-4151	5 core 0.5mm control cable 50m	£66.00
827-4155	5 core 0.75mm control cable 50m	£72.50
827-4164	5 core 1.0mm control cable 50m	£87.50
827-4167	7 core 0.5mm control cable 50m	£69.50
827-4161	7 core 0.75mm control cable 50m	£74.50
827-4170	7 core 1.0mm control cable 50m	£109.00
827-4173	7 core 2.5mm control cable 50m	£280.00
827-4177	12 core 0.5mm control cable 50m	£149.50
827-4186	12 core 0.75mm control cable 50m	£154.00
827-4189	12 core 1.0mm control cable 50m	£162.00
827-4192	18 core 0.5mm control cable 50m	£249.00
827-4195	18 core 0.75mm control cable 50m	£274.00
827-4199	18 core 1.0mm control cable 50m	£289.50
827-4209	18 core 1.5mm control cable 50m	£417.50

TYPE SY 50M

- Combines the characteristics of a flexible mains cable with that of a steel wire armoured type.
- Suitable for fixed installations or for flexible use in conditions of light mechanical stress.



522-541	2 core 1.0mm (50M)	£48.67
522-632	3 core 0.75mm (50M)	£63.50
522-642	3 core 1.0mm (50M)	£59.16
522-531	3 core 1.5mm (50M)	£81.09
522-610	3 core 2.5mm (50M)	£117.30
522-591	3 core 4.0mm (50M)	£155.55
522-682	4 core 0.75mm (50M)	£62.22
522-620	4 core 1.0mm (50M)	£77.52
522-563	4 core 1.5mm (50M)	£95.37
522-686	4 core 2.5mm (50M)	£150.45
522-676	4 core 4.0mm (50M)	£194.43
522-670	4 core 6.0mm (50M)	£236.13
522-709	5 core 1.0mm (50M)	£86.19
522-698	5 core 1.5mm (50M)	£101.37
522-692	5 core 2.5mm (50M)	£191.25
522-597	6 core 1.5mm (50M)	£140.25
522-440	7 core 1.0mm (50M)	£111.28
522-608	7 core 1.5mm (50M)	£143.97
522-547	12 core 1.0mm (50M)	£156.87
522-424	12 core 1.5mm (50M)	£223.89
522-648	18 core 1.0mm (50M)	£177.99
522-658	18 core 1.5mm (50M)	£283.05
522-434	25 core 1.0mm (50M)	£303.45

SY CONTROL CABLE 50M

- Can be used in dry, damp wet room conditions.
- Installed outdoors and observing the temperature range also includes UV protection.
- Usually resistant to acids, caustic solutions and certain oils at room temperature.
- Ideal for free movement without tensile stress or forced movement.



827-4202	2 core 0.75mm	£51.46
827-4206	5 core 4.0mm	£194.91
827-4215	5 core 6.0mm	£315.42
827-4218	7 core 0.75mm	£90.59
827-4212	7 core 2.5mm	£218.14
827-4221	8 core 1.0mm	£147.80
827-4224	8 core 1.5mm	£175.85
827-4228	12 core 0.75mm	£133.87
827-4237	18 core 0.75mm	£171.55
827-4230	25 core 0.75mm	£246.89

TYPE YY 50M

- Unshielded multicore control cable.
- Suitable for fixed installations or flexible use.
- Ideal in conditions of light mechanical stress.



522-430	3 core 0.75mm	£28.18
522-446	3 core 1.0mm	£30.07
522-513	3 core 1.5mm	£43.51
522-456	3 core 2.5mm	£60.77
522-614	4 core 0.75mm	£32.47
522-507	4 core 1.0mm	£38.90
522-604	4 core 1.5mm	£51.81
522-503	4 core 2.5mm	£76.65
522-660	5 core 1.5mm	£67.38
522-654	5 core 2.5mm	£94.12
522-484	7 core 1.5mm	£97.95
522-468	12 core 0.75mm	£88.73
522-490	12 core 1.5mm	£152.88
522-478	18 core 0.75mm	£79.34

YY CONTROL CABLE 50M

- Suitable for use in automation and control.
- Ideal for applications under light mechanical stresses.



827-4234	2 core 0.5mm	£15.48
827-4243	2 core 0.75mm	£19.13
827-4259	2 core 2.5mm	£48.44
827-4252	3 core 0.5mm	£23.81
827-4256	3 core 4.0mm	£105.77
827-4265	3 core 6.0mm	£149.28
827-4268	4 core 0.5mm	£31.24
827-4262	4 core 4.0mm	£130.62
827-4271	4 core 6.0mm	£196.72
827-4274	5 core 0.5mm	£40.37
827-4278	5 core 0.75mm	£41.92
827-4284	5 core 6.0mm	£274.55
827-4293	7 core 0.5mm	£50.89
827-4296	7 core 0.75mm	£54.05
827-4290	7 core 1.0mm	£69.31
827-4300	12 core 0.5mm	£88.02
827-4303	12 core 1.0mm	£115.67
827-4307	18 core 0.5mm	£119.45
827-4316	18 core 1.0mm	£159.63
827-4319	25 core 0.5mm	£169.47
827-4313	25 core 0.75mm	£197.34
827-4322	25 core 1.0mm	£183.56

7 CORE TRAILER CABLE

- White 2.0mm² central core
- Brown, blue, black, yellow, red and green 1.0mm² outer cores
- Central core has a current rating of 17.5A
- Outer cores have a current rating of 8.75A
- Rated temperature - 80°C

**BASEC ENHANCED FIRE CABLE 100M**

- Suitable for Zone 1 and Zone 2 hazardous area use
- Excellent working flexibility
- Fast preparation for termination
- Up to 12 twists per metre for Data Protection
- Low smoke and zero halogen



841-2436	Red 2C 1.5mm	£177.90
841-2448	White 2C 1.5mm	£177.90
841-2454	Red 4C+E 1.5mm	£303.67
841-2458	White 4C+E 1.5mm	£303.67

SCR ALARM CABLE 100M

- Suitable for wiring burglar alarms and other low voltage circuits
- PVC Material
- BS 4737 Standard

788-0525	100m	£158.02
122-3067	25m	£31.53

3182B / H05Z1Z1-F LSZH CABLE 100M

- Thermoplastic insulation and sheath
- LSZH (Low smoke zero halogen)
- Flame retardant
- Operating temperature range: -5°C to +70°C



842-0695	4 Core	£28.16
842-0705	6 Core	£36.71
842-0702	12 Core	£67.17
842-0708	8 Core	£44.33

INTRUDER ALARM/SIGNAL CABLE

- 7 strands, grade 1 tinned annealed copper conductors
- Lead and tin free
- White PVC sheath
- Flexible and Easy to strip
- 100 and 500m lengths

836-0713	3182B/H05Z1Z1-F LSZH 2C 0.75	£66.75
836-0717	3182B/H05Z1Z1-F LSZH 2C 1.0mm	£78.45
836-0726	3182B/H05Z1Z1-F LSZH 2C 1.5mm	£100.39
836-0729	3182B/H05Z1Z1-F LSZH 2C 2.5mm	£134.20
836-0723	3182B/H05Z1Z1-F LSZH 2C 4.0mm	£190.59
836-0732	3183B/H05Z1Z1-F LSZH 3C 0.75	£91.36
836-0735	3183B/H05Z1Z1-F LSZH 3C 1.0mm	£110.05
836-0739	3183B/H05Z1Z1-F LSZH 3C 1.5mm	£135.82
836-0748	3183B/H05Z1Z1-F LSZH 3C 2.5mm	£174.81
836-0741	3184B/H05Z1Z1-F LSZH 4C 0.75	£100.39
836-0745	3184B/H05Z1Z1-F LSZH 4C 1.0mm	£122.93
836-0754	3184B/H05Z1Z1-F LSZH 4C 1.5mm	£163.54
836-0757	3184B/H05Z1Z1-F LSZH 4C 2.5mm	£219.92
836-0751	3185B/H05Z1Z1-F LSZH 5C 0.75	£112.41
836-0760	3185B/H05Z1Z1-F LSZH 5C 1.5mm	£186.09

820-0185	4 cores, 100m	£28.02
820-0188	4 cores, 500m	£135.64
820-0182	6 cores, 100m	£41.44
820-0191	6 cores, 500m	£158.72
820-0194	8 cores, 100m	£56.71
820-0198	8 cores, 500m	£217.12



3-CORE COILED FLEX CABLE

- PVC insulated copper stranded conductors, moulded into a coiled PVC sheath.
- Extended length 1.5 m. Meets requirements of Cenelec harmonised type H05VH8-F



744-0969 13A 1.5m	£9.72
744-0988 6A 1.5m	£5.20

ARTIC GRADE CABLE 100M

- 3 core 300/500V
- Cores: Blue/brown/green-yellow
- Complies fully with the requirements of BS6500
- Temperature Range: -20°C to 70°C
- BASEC approved



776-1967 Blue 3 Core 0.75mm	£66.87
776-1976 Yellow 3 Core 1.5mm	£92.54
776-1979 Orange 3 Core 1.5mm	£92.54
776-1973 Blue 3 Core 1.5mm	£92.54
776-1982 Yellow 3 Core 2.5mm	£147.24
776-1985 Blue 3 Core 2.5mm	£147.24
776-1989 Orange 3 Core 2.5mm	£145.83

218-Y 300/300V H03VV-F

- This is a light duty harmonised cable.
- Circular stranded copper conductor
- PVC, lead-free insulation



HIGH TEMPERATURE SILICONE CABLE 25M

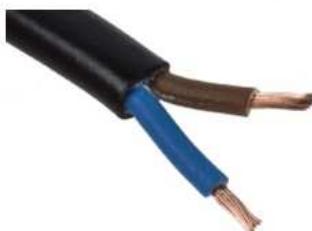
- Excellent performance stability under fluctuating conditions
- Silicone rubber insulation that prevents cables from becoming brittle
- Operates under a maximum temperature of +180°C



744-0981 Wht,1.5sqmm	£47.62
744-0985 Blk,1.5sqmm	£47.62
744-0997 Blk,0.75sqmm	£27.54

2192Y 300/300V H03VVH2-F

- Circular flexible copper conductor
- PVC, lead free insulation
- PVC, lead-free sheath
- Blue/brown core



3 CORE SCREENED MAINS CABLE 50M

- Flexible multicore cable ideal for telephone and communication systems
- Quality mains cable screened to ensure reliability of transmission
- Comprised of 2 x 2.5mm² cores and 1 x 4mm² core



122-3068 3 Core 2 x 2.5mm ²	£136.40	775-6072 2192Y 2Core 0.75mm Black Cable 100m	£37.12
122-3066 3 Core 2 x 4mm ²	£177.34	775-6084 2192Y 2 Core 0.5mm Black Cable 100m	£29.91

318-Y 300/500V H05VV-F

- Suitable for use under low mechanical stress
- For use indoors in covered, dry or humid areas
- Flexible copper conductor



775-6088 3182Y 2 Core 0.75mm Black Cable 100m	£43.32
775-6090 3182Y 2 Core 1mm Black Cable 100m	£56.85
775-6104 3182Y 2 Core 1.5mm Black Cable 100m	£61.98
775-6101 3183Y 3 Core 0.75mm Black Cable 100m	£61.81
775-6113 3183Y 3 Core 1mm Black Cable 100m	£80.34
775-6117 3183Y 3 Core 1mm White Cable 100m	£80.34
775-6126 3183Y 3 Core 1.25mm Black Cable 100m	£89.25
775-6123 3183Y 3 Core 1.5mm Black Cable 100m	£104.41
775-6132 3183Y 3 Core 1.5mm White Cable 100m	£104.41
775-6135 3183Y 3 Core 2.5mm Black Cable 100m	£164.00
775-6139 3183Y 3 Core 2.5mm White Cable 100m	£164.00
775-6148 3184Y 4 Core 0.75mm Black Cable 100m	£71.94
775-6157 3184Y 4 Core 1.5mm Black Cable 100m	£122.47
775-6167 3185Y 5 Core 0.75mm Black Cable 100m	£98.46
775-6182 3185Y 5 Core 1.5mm Black Cable 100m	£179.00

BASEC APPROVED H03VVF/2182Y 2 CORE CABLE

- The 2182Y 2 core cable can be used with household applications in covered, dry, steamed and humid areas where low mechanical stress exists
- Circular stranded copper conductor
- PVC, lead-free insulation
- PVC sheath



841-2252 2 Core 0.75mm Grey Cable 100m	£40.37
841-2256 3 Core 0.75mm Grey Cable 100m	£50.10

H03VVH2-F 2192Y 2 CORE CABLE 100M

- Flexible, 2 core cable with fine stranded copper conductors
- PVC sheath
- PVC insulation



H07ZZ-F LSZH CABLE

- Withstands medium mechanical stresses
- Suitable for indoor or outdoor installation

**NYM-J**

- NYM-J Installation cable manufactured to HD 214 S2.

**H07V-K 100M**

- PVC insulated cables with rated voltage of up to & including 450/750V
- For fixed installations
- Flame retardant to IEC 60332-1



836-0690	3 Core 1.5mm LSZH Cable 100m	£158.02
836-0704	3 Core 2.5mm LSZH Cable 100m	£226.22
836-0707	4 Core 1.5mm LSZH Cable 100m	£192.11
836-0701	4 Core 2.5mm LSZH Cable 100m	£271.69
836-0710	4 Core 4.0mm LSZH Cable 100m	£179.68

H07BN4-F 6381 SERIES FLEXIBLE RUBBER CABLE

- Double insulated rubber cable
- Suitable for applications with a voltage rating 450/750V
- Ideal for use in tough environments
- Flexibility and resistance to mechanical abrasion



902-8313	3 Core 1.5mm 100m	£93.81
902-8322	3 Core 1.5mm 50m	£39.24
902-8325	3 Core 2.5mm 100m	£147.10
902-8329	3 Core 2.5mm 50m	£58.49
902-8338	3 Core 4.0mm 100m	£267.87
902-8331	4 Core 1.5mm 100m	£122.23
902-8335	4 Core 1.5mm 50m	£4756
902-8344	4 Core 4.0mm 100m	£335.49
902-8347	5 Core 1.5mm 50m	£58.51
902-8341	5 Core 1.5mm 100m	£154.96
902-8353	5 Core 2.5mm 50m	£96.67
902-8357	5 Core 4.0mm 100m	£440.35
902-8369	6 Core 1.5mm 50m	£87.64
902-8363	6 Core 1.5mm 100m	£172.12
902-8372	6 Core 2.5mm 100m	£263.12

H05V-K 100M

- Harmonised PVC insulated cable with a rated voltage of up to and including 300/500V.
- Flame retardant to IEC 60332-1
- Class 5 IEC 60228 Conductor

902-8394	1.5mm Black	£20.03
902-8397	1.5mm Blue	£20.03
902-8391	1.5mm Brown	£20.03
902-8401	1.5mm Green/Yellow	£20.03
902-8404	1.5mm Grey	£20.03
902-8408	2.5mm Black	£33.46
902-8417	2.5mm Blue	£33.46
902-8410	2.5mm Brown	£33.46
902-8414	2.5mm Green/Yellow	£33.46
902-8423	2.5mm Grey	£33.46
902-8426	4.0mm Black	£47.43
902-8420	4.0mm Blue	£47.43
902-8439	4.0mm Brown	£47.43
902-8432	4.0mm Green/Yellow	£47.43
902-8436	4.0mm Grey	£47.43
902-8445	6.0mm Black	£72.62
902-8448	6.0mm Blue	£72.62
902-8442	6.0mm Brown	£72.62
902-8451	6.0mm Green/Yellow	£72.62
902-8454	6.0mm Grey	£72.62

836-0842	6mm Rubber Cable 100m	£171.65
836-0846	10mm Rubber Cable 100m	£248.95
836-0855	16mm Rubber Cable 100m	£322.09
836-0858	25mm Rubber Cable 100m	£433.53

NYY-J 50M

- Power and control cable for fixed installation.
- Flame retardant to IEC 60332-1 & EN 50262-1
- 3.5 Kv Test voltage



902-8296	3 Core 1.5mm	£50.11
902-8290	3 Core 2.5mm	£67.66
902-8300	3 Core 4.0mm	£115.78
902-8303	4 Core 1.5mm	£74.86
902-8307	4 Core 2.5mm	£114.24
902-8316	4 Core 5.0mm	£225.53
902-8319	5 Core 1.5mm	£91.92

902-8375	1.0mm Black	£16.16
902-8379	1.0mm Blue	£16.16
902-8388	1.0mm Brown	£16.16
902-8381	1.0mm Green/Yellow	£16.16
902-8385	1.0mm Grey	£16.16

218-Y FLEXIBLE CABLE H03VV-F 2 & 3 CORES

- Flexible copper conductors
- PVC sheath and insulation
- For use in dry or wet conditions



491-841	0.5mm 2182Y Black Cable 100m	£37.00
491-863	0.5mm 2182Y Grey Cable 100m	£37.00
491-908	0.75mm 2182Y Black Cable 100m	£47.73
491-857	0.5mm 2183Y Black Cable 100m	£48.13
491-879	0.75mm 2183Y Black Cable 50m	£31.65
491-885	0.75mm 2183Y White Cable 50m	£31.65

ELECTRICAL CABLE

2192Y FLEXIBLE CABLE H03VVH2-F

- A harmonised 300/300 voltage flexible cable for use in indoor applications.
- BASEC approved
- Black PVC sheath



491-829 0.5mm 2192Y Black Cable 100m £34.40

H05RR-F FLEXIBLE RUBBER POWER CABLE 100M

- EPDM core insulation material
- CPE black jacket
- Smooth surface
- Flexible copper conductor



£34.40

863-4002	3 Core 0.75mm	£69.63
863-4011	3 Core 1.0mm	£102.09
863-4014	3 Core 1.5mm	£113.16
863-4018	3 Core 2.5mm	£203.20
863-4027	4 Core 0.75mm	£97.48
863-4020	4 Core 1.0mm	£111.83
863-4024	4 Core 1.5mm	£178.84
863-4033	4 Core 2.5mm	£293.79

H07RNF RUBBER CABLE

- Ideal for multiple industrial applications
- Suitable for cold and severe industrial environments
- Designed to provide high flexibility
- Meets VDE0282 standards



491-926 0.75mm 3182Y Black Cable 100m £51.12
491-790 0.75mm 3182Y Grey Cable 100m £51.12
491-932 1.5mm 3182Y Black Cable 100m £71.28
492-014 1mm 3182Y Black Cable 100m £65.38

318-Y FLEXIBLE CABLE H05VV-F 3 CORE

- A harmonised, flexible wiring cable for indoor installations.
- Flexible cordage
- Suitable for use in homes, offices etc.
- Not suitable for industrial purposes.



491-835 0.75mm 3183Y Black Cable 100m £71.08
491-780 0.75mm 3183Y White Cable 100m £71.08
492-002 1.25mm 3183Y Black Cable 100m £105.32
491-998 1.5mm 3183Y Black Cable 100m £120.07
491-958 1.5mm 3183Y Orange Cable 100m £120.07
491-992 1.5mm 3183Y White Cable 100m £120.07
491-881 1.0mm 3183Y Black Cable 100m £92.39
491-954 2.5mm 3183Y Black Cable 100m £188.60
491-914 2.5mm 3183Y Orange Cable 100m £188.60
491-948 2.5mm 3183Y White Cable 100m £188.60

821-3235	2 Core 1mm 50m	£52.47
773-9023	2 core 1.5mm 50m	£74.73
773-9045	3 core 1.5mm 100m	£168.54
773-9042	3 core 1.5mm 50m	£91.16
773-9049	3 core 2.5mm 100m	£240.62
773-9033	3 core 2.5mm 50m	£121.37
773-9058	3 core 4mm 50m	£166.95
773-9055	3 core 6mm 100m	£492.90
821-3239	3 Core 6.0mm 50m	£248.57

773-9067	4 core 1.5mm 50m	£99.11
773-9064	4 core 2.5mm 50m	£137.75
773-9073	4 core 4mm 50m	£195.57
821-3248	5 Core 1.5mm 50m	£136.21
773-9089	5 Core 2.5mm 100m	£362.52
821-3241	5 Core 2.5mm 50m	£185.50
821-3245	5 Core 4.0mm 50m	£287.26
773-9092	5 core 6mm 100m	£699.60
821-3254	5 Core 6.0mm 50m	£355.10

FOIL-SCREENED MULTI-CONDUCTOR

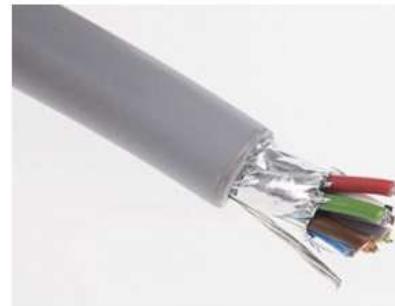
- Three 7/0.203 mm (24 a.w.g.) stranded tinned copper conductors
- Insulated with polyethylene wrapped in an aluminised tape
- Grey PVC sheath
- UL style 2093



812-4725	100m	£51.37
812-4729	500m	£256.27
812-4775	100m	£56.08
812-4779	500m	£280.45

MULTICORE OVERALL FOIL SCREEN CABLE

- Multi-conductor data cables with an overall foil screen.
- Suitable for RS-232 applications, computer interconnection, and point of sale equipment.



122-3060	10 core Overall, 100m	£100.69
122-3061	4 core Overall, 100m	£52.84
122-3062	4 core Overall, 500m	£235.28

MULTICORE INDUSTRIAL CABLE SCREENED 0.22MM

- Max. current per core 1A
- Core/Screen capacitance (nominal) 95pF/m
- Resistance per core 92Ω/km
- Overall tinned copper braided screen with an outer black PVC sheath

**MULTICORE INDUSTRIAL CABLE UNSCREENED 0.22MM**

- Max. working voltage 440V
- Max. current per core 1A
- Resistance per core 92Ω/km
- Tinned copper stranded conductors covered by 0.25mm PVC



660-0473	36 Core 0.22 mm ² , 25m	£121.25
660-0435	4 Core 0.22 mm ² , 25m	£23.25
660-0439	5 Core 0.22 mm ² , 100m	£89.00
660-0441	6 Core 0.22 mm ² , 25m	£35.00
660-0445	7 Core 0.22 mm ² , 100m	£114.00
660-0454	8 Core 0.22 mm ² , 25m	£37.00
660-0457	8 Core 0.22 mm ² , 100m	£142.00
660-0460	12 Core 0.22 mm ² , 25m	£49.00
660-0463	12 Core 0.22 mm ² , 100m	£164.00
660-0479	20 Core 0.22 mm ² , 100m	£222.00

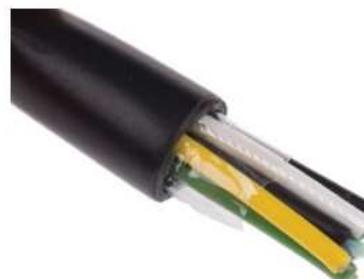
660-4021	2 Core 0.22 mm ² , 100m	£26.00
660-4043	6 Core 0.22 mm ² , 100m	£58.00
660-4046	4 Core 0.22 mm ² , 100m	£43.00
660-4055	8 Core 0.22 mm ² , 100m	£79.00
660-4059	12 Core 0.22 mm ² , 25m	£28.50
660-4061	20 Core 0.22 mm ² , 25m	£41.25
660-4068	12 Core 0.22 mm ² , 100m	£105.00

MULTICORE INDUSTRIAL CABLE SCREENED 0.5MM

- Max. working voltage 440V
- Max. current per core 2.5A
- Resistance per core 40Ω/km

**MULTICORE INDUSTRIAL CABLE UNSCREENED 0.5MM**

- Max. working voltage 440V
- Max. current per core 2.5A
- Resistance per core 40Ω/km



660-0485	4 Core 0.5mm ² , 25m	£50.00
660-0489	4 Core 0.5mm ² , 100m	£166.00
660-0491	6 Core 0.5 mm ² , 25m	£65.50
660-0495	6 Core 0.5 mm ² , 100m	£240.00
660-0502	12 Core 0.5 mm ² , 50m	£187.00
660-0508	12 Core 0.5 mm ² , 25m	£98.00
660-0514	18 Core 0.5 mm ² , 25m	£129.75
660-0518	18 Core 0.5 mm ² , 50m	£242.50

660-4080	2 Core 0.5mm ² , 100m	£47.00
660-4087	3 Core 0.5mm ² , 100m	£52.00
660-4093	12 Core 0.5 mm ² , 25m	£58.00
660-4096	4 Core 0.5mm ² , 100m	£68.00
660-4099	6 Core 0.5 mm ² , 100m	£90.00
660-4100	18 Core 0.5 mm ² , 100m	£230.00
660-4103	12 Core 0.5 mm ² , 100m	£174.00
660-4106	18 Core 0.5 mm ² , 25m	£81.25
660-7060	6 Core 0.5 mm ² , 25m	£36.75
660-7067	4 Core 0.5mm ² , 25m	£25.50

POWER LEADS

DC POWER ADAPTOR LEADS

- Terminated with either plug or socket at one end and left non-terminated at the other
- Plugs and sockets are available as either right-angled or straight
- 2.1mm or 2.5mm versions
- 1.8m long



656-3901	Straight, 2.1mm socket lead	£4.94
656-3816	Straight, 2.1mm plug lead	£3.85
656-3894	Right angle, 2.5mm plug lead	£4.67
656-3850	Right angle, 2.1mm plug lead	£4.67

C13 SOCKET LEAD

- C13 IEC female connector to unterminated cable end
- PVC 3 core 1.0 mm² cable
- 250V voltage rating
- 10A current rating
- Black colour
- Straight
- 2m long
- GOST, IMQ, SEMKO, SEV, VDE standards



C14 PLUG TO C13 COLOURED LEADS

C14 PLUG TO C13 COLOURED LEADS

- H05VV-F cable rating
- Available in various colours and lengths



C13 TO UK PLUG COILED LEAD

- 350mm relaxed length
- 2.5m maximum extended length
- 250V voltage rating
- Black colour



UK PLUG TO C15 LEAD

- IEC socket is manufactured in glass filled polypropylene and the mains cord from rubber PVC moulded BS1363/A
- 13A square sleeved pins mains plug
- Meets the requirements of EN60-320
- Hot Condition Mains Lead
- H05RR-F Cable
- Black colour
- Right angle
- 2m long



C14 PLUG LEAD

- C14 IEC female connector to unterminated cable end
- PVC 3 core 1.0 mm² cable
- 250V voltage rating
- 10A current rating
- Black colour
- Straight
- GOST, IMQ, SEMKO, SEV, VDE standards.



UK PLUG TO C17 LEAD

- C17 IEC female connector to BS 1363 UK plug
- 10A current rating
- Black colour
- PVC sheath
- Straight
- 2m long



731-6185		£10.78

731-6166 2m

£4.13

901-0753 5m

£4.61

C20 PLUG TO C19 COLOURED LEAD

- H05VV-F cable rating
- 1.5mm² cable diameter
- Available in various colours and lengths



744-0950

£7.76

901-0756

£2.67

123-0942	Orange, 3m	£8.29
123-0943	White, 2m	£6.83
123-0944	White, 3m	£8.29
123-0945	Red, 2m	£5.85
123-0946	Red, 3m	£7.11

C14 PLUG TO C15 LEAD

- H05VV-F cable rating
- 1.0mm² cable diameter
- Black colour



123-0951 1m	£5.78
123-0952 2m	£5.41
123-0953 3m	£8.45

C14 PLUG TO C13 LEAD LSZH

- Low smoke zero halogen
- H05Z1Z1-F cable rating
- 1.0mm² cable diameter
- Black colour



123-0959 0.75mm ² , 1m	£7.37
123-0960 0.75mm ² , 2m	£9.18
123-0961 1.0mm ² , 3m	£12.78
123-0962 1.0mm ² , 5m	£18.19

C7 SOCKET TO EURO PLUG LEAD

- Moulded 2-Pin Europlug
- Moulded 2-pin C7 type straight connector
- European harmonised mains cable
- H03VV-F cable rating
- 250V voltage rating
- 2.5A current rating
- 1.5m mains cable
- Black colour

**UK PLUG TO C13 LEAD LSZH**

- Low smoke zero halogen
- H05Z1Z1-F cable rating
- 1.0mm² cable diameter
- Black colour



123-0954 5A, 2m	£5.95
123-0955 5A, 3m	£12.78
123-0956 13A, 2m	£11.90
123-0957 13A, 3m	£12.78

GST TO UK PLUG LEAD

- Connection lead for distribution unit 839-9787
- GST connector
- Black colour
- 3m long



321-203	£4.95
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C7 SOCKET TO UK PLUG LEAD

- Moulded 3-pin UK plug
- Moulded 2-pin C7 type straight connector
- H03VVH2-F cable rating
- 250V voltage rating
- 2.5A current rating
- 1.5m mains cable
- Black colour

**SCHUKO TO C13 LEAD LSZH**

- Low smoke zero halogen
- H05Z1Z1-F cable rating
- 1.0mm² cable diameter
- Black colour
- 2m long



123-0958	£11.54
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2.1MM CONNECTOR TO BARE END CABLE LEAD

- Straight Male Connector
- Unterminated
- 1.8m long



913-5111 Black	£2.26
913-5114 White	£5.77

452-669	£7.24
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POWER LEADS

C13 TO BS1363 HIGH STRESS LEAD

- These mains leads are ideal for appliance power applications in more challenging conditions than typical domestic environments
- 3 core 1.0mm² PVC cable
- Integrated strain relief
- 250V voltage rating
- 10A current rating
- Available in various colours and lengths



815-846	3m, Red	£8.22
262-1126	3m, Black	£4.52
426-395	2m, White	£6.70
262-1154	2m, Black	£5.06
262-1182	3m, White	£5.59

C13 TO UK LEAD PVC

- Suitable for Class I appliances
- Tested and approved by ASTA
- Riveted plug construction
- Fully moulded IEC connection
- Integrated strain relief
- 250V voltage rating
- 10A current rating
- Black colour



426-389	2m	£3.26
680-3798	5m	£9.92
909-2156	10m	£13.67
268-2610	Power Cord C13 rt ang to C14 rt ang 2m	£6.70
744-0929	Power Cord C13 left angle one end 2m	£4.11

'Y' JUNCTION C13/C14 POWER LEADS

- Supply multiple appliances via IEC 320 connectors from a single source
- Fully moulded
- Harmonised 3-core 1.0mm² cross section
- PVC insulated to BS6500



818-8909	C13 x 2 to C14, 2.5m	£11.06
818-8903	C13 x 2 to Schuko, 2.5m	£12.52
818-8912	C13 x 2 to UK, 2.5m	£13.42
818-8915	C13 x 3 to Schuko, 3m	£18.20
818-8919	C13 x 3 to UK, 3m	£17.11

C19 SOCKET LEAD 2M

- H05W-F cable
- C19 connector rated at 16A and 250V
- Moulded cable with strain relief
- Black colour
- 2m long



489-201	2m, 5A	£4.05
489-346	2m, 13A	£6.19
909-2193	3m, 10A	£5.10
321-180	6m, 10A	£6.02

C15 POWER LEADS 2M

- H05RR-F cable rating
- 1.0mm² cable diameter
- Black colour
- 2m long



123-0947	C15 to UK plug	£5.57
123-0948	C15 to Schuko plug	£5.24
123-0949	C15 to Swiss plug	£5.85
123-0950	C15 to US plug	£6.32

TRACE HEATING THERMOSTAT

- Versatile temperature controller with high accuracy, suitable for trace heating applications
- IP66 rating



703-3202	Trace Heating Thermostat, PTC Sensor, -50 to +150°C	£187.42
665-7551	Trace Heating Thermostat, 0 to +50°C	£88.03
665-7472	Trace Heating Termination Kit, -30°C	£32.88
256-109	Trace Heating Termination Kit, -60 to +200°C	£13.23

FROST PROTECTION HEATING TAPE

- For frost protection of water and low temperature product lines
- 240V voltage rating
- Easy to terminate
- Cut to length



665-7435	10W/m, 20m	£178.12
665-7444	10W/m, 50m	£429.43
665-7447	10W/m, 100m	£858.83
665-7539	20W/m, 20m	£327.25
703-3212	40W/m, 20m	£286.29

FROST PROTECTION TRACE HEATING KITS

- Self regulating polyolefin cable
- 240V voltage rating
- Contain heatshrink termination kits
- Available in various outputs and lengths



665-7595	10W/m, 10m	£72.61
665-7466	20W/m, 20m	£248.12
665-7586	20W/m, 30m	£308.05
703-3206	30W/m, 20m	£267.19
703-3221	40W/m, 50m	£636.17
703-3224	40W/m, 100m	£1,272.33

PARALLEL CIRCUIT HEATING TAPE FOR FROST PROTECTION

- A parallel circuit heating tape kit with a constant wattage output for process temperature maintenance applications
- Flexible enough to allow it to be spiralled around a suitable pipe or vessel
- The silicone rubber outer sheath is notched on alternate sides at 1 metre intervals to indicate cutting points
- Meets requirements of BS En 62395-1:2006 standards



665-7425	20W/m, 240V, 100m	£992.68
379-744	20W/m, 240V, 20m	£274.55
703-3120	40W/m, 110V, 20m	£232.60
703-3123	40W/m, 110V, 50m	£574.45
665-7438	40W/m, 240V, 100m	£1,043.85
379-750	40W/m, 240V, 20m	£277.45
665-7429	40W/m, 240V, 50m	£595.69

CONSTANT WATTAGE TRACE HEATING TAPE

- Silicon insulated
- Parallel circuit
- May be looped around an enclosure, avoids localised hot spots
- Operating temperature range -70 to +200°C
- Supply voltage 240Vac
- Easy to terminate
- Cut to length
- Flexible



379-722	10W/m, 3m	£48.77
256-244	15W/m, 20m	£150.29
665-7419	15W/m, 50m	£269.89
665-7413	15W/m, 100m	£524.36

NON-SCREENED SINGLE PAIR 20AWG

- A pair of 10/0.25 mm tinned copper conductors insulated with PVC, twisted together and covered in a PVC grey outer sheath
- 300V voltage rating
- Unshielded
- Grey colour



812-4671	100m	£33.16
812-4674	500m	£155.49

OVERALL SCREENED MULTI-PAIR CABLE 22AWG

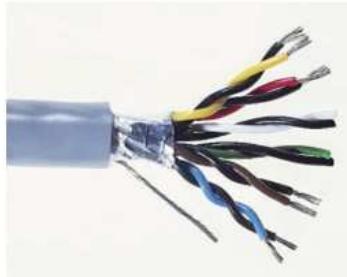
- Pairs of 7/0.25mm (22AWG) stranded, tinned copper conductors are insulated with polypropylene
- Twisted together with a tinned copper drain wire and wrapped in aluminised polyester tape (except the 2 pair which has a common drain wire)
- The selected number of pairs is wrapped overall in polyester tape with a PVC outer sheath
- Each pair of conductors is colour coded to aid identification and the earth drain wire ensures good earth continuity
- Unshielded
- Grey colour



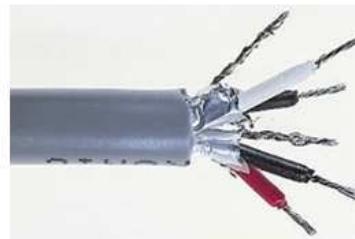
812-4696	3 pair, 50m	£100.16
812-4690	2 pair, 100m	£118.78
812-4700	2 pair, 500m	£603.56
812-4703	9 pair, 50m	£288.08
812-4707	6 pair, 100m	£258.10
812-4716	10 pair, 100m	£362.98
812-4719	15 pair, 100m	£367.29
812-4713	9 pair, 100m	£308.56

INDIVIDUALLY SCREENED TWO PAIR 24AWG

- 7/0.203 (24AWG) stranded tinned copper conductors insulated in PVC
- Each pair wrapped in aluminised tape with a tinned copper drain wire
- Cables designed to meet the special requirements of high speed data transmission systems associated with data processing or information systems; also for process and control applications
- Euclass Eca standards met
- Unshielded
- Grey colour



812-4684	1 pair, 100m	£76.34
812-4680	2 pair, 100m	£101.13
812-4693	2 pair, 500m	£303.17
812-4687	5 pair, 100m	£96.23



OVERALL SCREENED SINGLE PAIR 22AWG

- A single twisted pair of 7//0.25 mm tinned copper conductors with polypropylene insulation, wrapped in an aluminised tape. Tinned copper drain wire and a PVC outer sheath.
- Designed for the internal wiring of appliances and electronic equipment



812-4744	1 pair, 500m	£261.19
812-4747	2 pair, 100m	£108.44

HALOGEN-FREE SCREENED MULTI-PAIR

- These cables feature halogen-free polyolefin sheathing, which is flame retardant to BS 4066
- The conductors are made of 7/0.25 mm (22AWG) stranded tinned copper
- Polyolefin insulated and twisted in colour-coded pairs
- Grey colour
- Reel of 100m



812-4753	2 pair	£170.31
812-4766	3 pair	£202.19

OVERALL SCREENED SINGLE PAIR 20AWG

- A single twisted pair cable with tinned copper conductors insulated with polyethylene
- Wrapped in an aluminised tape with a tinned drain wire (same size as conductor)
- PVC outer sheath
- UL style 2092
- Grey colour



812-4738	100m	£103.54
812-4735	500m	£371.00

CAT 5 PLUS PATCH CABLE - COLOURED SHEATH

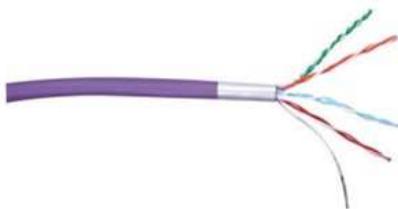
- Stranded 26AWG (7x0.16) plain copper conductor with polyolefin insulation
- Four colour coded pairs in a PVC sheath
- Sheath is colour coded for ease of identification in busy patch panels
- Reel of 60m



812-4788	Red	£40.99
812-4781	Blue	£40.99
812-4785	Yellow	£40.99
812-4794	Green	£40.99

CAT 5E ETHERNET CABLE

- Category 5e cable to handle frequencies up to 100 MHz
- Aluminium tape shielding
- Supplied in a 305m dispenser, for easy on-site transport and use
- Reel of 305m



139-032	FTP Grey	£262.45
556-869	FTP Purple	£153.52
557-470	UTP Grey	£87.89
557-193	UTP Purple	£122.07

CAT 5E PATCH CABLE

- 4 Pair category 5e, stranded twisted-pair data cables for use in data networking and structured wiring systems with speeds of up to 100 Mbit/s
- Conforms to the Category 5 (CAT5e) standards
- 4 twisted pairs of 8 solid conductors
- Supplied in easy to use pull box



812-4801	FTP Grey, PVC 100m	£46.72
812-4791	S/FTP, Grey, PVC 305m	£248.15
916-4083	UTP, Black, PE 305m	£113.83
812-4797	UTP, Grey, PVC 100m	£35.88
916-4071	UTP, Grey, PVC 305m	£85.96
916-4080	UTP, PVC, 305m	£199.79

CAT 5E UTP PVC PATCH LEADS

- Manufactured from Category 5e UTP stranded cable and terminated with high grade modular plugs
- Booted strain relief gives cable support and latch protection
- PVC outer sheath material



557-032	1m, grey	£1.16
557-115	1m, black	£1.23
557-480	1m, blue	£1.23
556-657	2m, grey	£1.77
556-320	2m, red	£1.68
557-519	2m, black	£1.65
556-471	2m, blue	£1.77
556-421	2m, yellow	£1.68
556-667	3m, grey	£3.09
556-326	3m, red	£3.04
556-477	3m, blue	£3.09
556-310	5m, grey	£4.43
556-461	5m, blue	£4.22
557-452	10m, grey	£6.12
556-516	10m, black	£6.12

CAT 5E FTP PVC PATCH LEADS

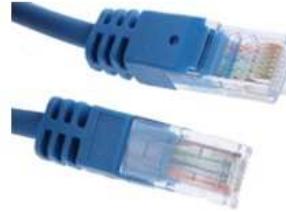
- Manufactured from Category 5e FTP stranded cable and terminated with high grade modular plugs
- Booted strain relief gives cable support and latch protection
- PVC outer sheath material



557-234	0.5m, grey	£1.10
556-724	1m, grey	£1.56
556-960	1m, black	£1.62
557-385	1m, green	£1.62
556-720	2m, grey	£2.29
556-972	2m, black	£2.26
557-379	2m, green	£2.25
557-240	3m, grey	£2.75
556-982	3m, black	£2.69
556-954	3m, blue	£2.83
557-313	3m, green	£2.69
556-257	3m, yellow	£2.69
557-391	5m, grey	£3.40
556-241	5m, red	£3.40
556-988	5m, black	£3.40
557-323	5m, green	£3.40
556-297	5m, yellow	£3.40
556-730	10m, grey	£7.53
556-926	10m, black	£7.20
557-054	10m, blue	£7.27
557-389	10m, green	£7.20
556-994	10m, yellow	£7.20

CAT 5E UTP LSZH RJ45 PATCH CABLE

- 100Q, AWG 26, 4 pair construction
- Low smoke zero halogen (LSZH) jacket
- Pre-terminated with overmoulded RJ45 plugs on either end
- Available in various colours and cable lengths



791-7006	20m, blue	£10.40
791-7028	30m, grey	£15.06
791-6999	30m, black	£15.06

U/UTP CAT 5E LSZH PATCH LEADS

- Manufactured from Category 5e stranded cable and terminated with high grade modular plugs
- Booted strain relief gives cable support and latch protection
- LSZH outer sheath material
- Grey colour
- 10m long



557-492		£6.40
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CAT 5E CROSSED PATCH LEADS

- UTP 8 way patch leads with wires crossed over and grey moulded boots
- Provides a number of useful solutions to enhance standard wiring sequences
- Moulded in strain relief gives a longer working life



405-5385	2m	£2.38
405-5391	5m	£6.40

WATERPROOF CAT5E SHIELDED CABLE ASSEMBLIES

- Panel jack to cable plug
- Provides excellent industrial Ethernet solutions for the harshest of environments
- Screw coupling connection provides the perfect solution for field installations
- The shielded connectors and cable offer signal protection from external noise, interference and crosstalk
- Panel jack to cable plug
- IP67/68 rated



111-6736	IP67, 200mm	£15.94
111-6737	IP67, 2m	£14.04
111-6740	IP68, 200mm	£19.77
111-6741	IP68, 2m	£757

CAT 6 UTP CABLE

- Can be used for 1000 Mbit/s networks, VOIP, IP Camera and IPTV
- 4 pair multi-construction
- LSZH Jacket
- HDPE Insulation
- Bare copper conductor



842-7324	100m	£49.35
842-7327	500m	£251.85
842-7321	FTP 250MHz 100m	£65.89
842-7330	FTP 250MHz 500m	£342.63

CAT 6 CABLE

- Enhanced, high performance Cat6 cable for mission-critical LAN applications or future-proofing of cabling systems
- 4TP in 23 AWG, with choice of solid or stranded, UTP or FTP
- Available as PVC or LSZH
- Supplied on 305m reel



556-382	FTP solid LSZH	£219.69
556-392	FTP stranded PVC	£244.88
556-875	FTP stranded LSZH	£243.69
557-238	UTP solid PVC	£164.79
557-121	UTP solid LSZH	£216.53
556-304	UTP stranded LSZH	£209.99

CAT 6 UTP SOLID CABLE

- Ideal for use in structured cabling for network installations
- 8 solid conductors in 4 twisted pairs
- Supplied in a useful pull box with metre markings printed on the outer sheath of the cable, helping you to measure and install the cable quickly and easily



916-4087	CCA, grey, 305m	£134.74
916-4099	LSZH, blue, 305m	£292.71
916-4103	Black, 100m	£111.51
916-4096	LSZH, purple, 305m	£292.71
916-4093	LSZH, yellow, 305m	£292.71

CAT 6 FTP LSZH RJ45 PATCH CABLE

- Cat 6 100Ω FTP overmoulded round patch cables with an AWG 26.4 pair construction
- Low smoke zero halogen (LSZH) jacket
- Pre-terminated on both ends with an overmoulded RJ45 plug
- Available in various colours
- 30m length



791-7047	Blue	£32.20
791-7062	Grey	£32.20
791-7037	Black	£32.20

CAT 6 FTP LSZH PATCH LEADS

- Cat 6 FTP cable terminated with high grade modular plugs
- Booted strain relief gives cable support and latch protection
- LSZH outer sheath material
- Individually tested



556-685	1m, blue	£3.23
557-329	2m, grey	£4.07
556-758	2m, blue	£4.07
557-436	2m, green	£4.07
557-290	2m, yellow	£4.07
557-307	3m, blue	£4.83
557-171	3m, green	£4.83
557-014	5m, grey	£6.79
557-424	5m, black	£6.37

557-317	5m, blue	£6.37
556-689	5m, green	£6.37
557-446	10m, grey	£11.94
556-354	10m, black	£11.94
556-803	10m, blue	£11.94
557-420	10m, green	£11.94

CAT 6 UTP LSZH PATCH LEADS

- Cat 6 UTP cable terminated with high grade modular plugs
- Booted strain relief gives cable support and latch protection
- LSZH outer sheath material
- Individually tested



411-227	1m, black	£1.46
411-245	2m, black	£2.20
556-900	2m, grey	£3.30

CAT 6 S/FTP PATCH LEADS

- Double-shielded twisted pair connection cable
- Pair-shielded in aluminium-laminated foil, tin-plated copper braided shielding throughout
- Durable with spray-on kink-protection



411-497	3m, black	£2.94
411-328	5m, black	£4.39
556-281	5m, blue	£5.70
556-910	5m, grey	£5.70
411-306	10m, blue	£7.54
411-277	10m, black	£7.54

CAT 6A U/FTP CABLE

- Used with 10Gbit/s networks, VOIP, IP Cameras and IPTV
- 4 pair multi-construction
- Bare copper conductor
- Skin-foam-skin insulation
- Choice of PVC or LSZH Jacket



842-7333	LSZH, U/FTP, 100m	£72.87
842-7337	LSZH, U/FTP, 500m	£363.25
842-7346	LSZH, F/FTP, 100m	£78.59
842-7349	LSZH, F/FTP, 500m	£359.51
113-5902	PVC, S/FTP, 100m	£130.11
113-5901	PVC, U/FTP, 100m	£92.93

CAT 6A FTP LSZH RJ45 PATCH CORDS

- Low profile moulded boots with integral snag free latching
- Manufactured and tested in accordance with IEC 61932
- Supports all applications designed for class EA/ category 6a applications such as ATM 1200, 1000BASE-T (Gigabit Ethernet) and 1G FCBASE-T
- With 26awg PimF stranded cable
- Available with grey, black or blue LSZH jackets and various cable lengths



CAT 7 S/FTP AND U/FTP PVC CABLE

- With 4 individually foil shielded pairs and PVC sheath
- Choice of grey or black sheath
- Supplied on 100m reels



CAT 7A S/FTP PE LSZH CABLE

- Can be used with 10 Gigabits/s networks, Analog and VOIP, IP Cameras, IPTV
- 4-Pair construction
- Bare copper conductor
- Skin-Foam PE Skin insulation and LSZH jacket
- 100m reel



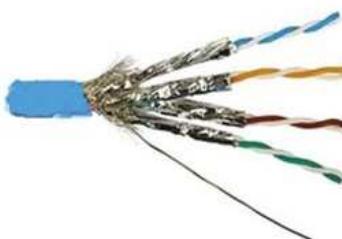
842-7355

£94.01

778-5161	0.5m, black	£3.97
778-5149	0.5m, blue	£3.97
778-5127	0.5m, grey	£3.97
778-5165	1m, black	£4.77
778-5143	1m, blue	£4.77
778-5121	1m, grey	£4.77
778-5174	2m, black	£6.43
778-5152	2m, blue	£6.43
778-5130	2m, grey	£6.43
778-5177	3m, black	£8.13
778-5155	3m, blue	£8.13
778-5133	3m, grey	£8.13
778-5171	5m, black	£11.53
778-5159	5m, blue	£11.53
778-5137	5m, grey	£11.53
778-5146	10m, grey	£20.03
778-5168	10m, blue	£20.03
778-5180	10m, black	£20.03

CAT 7 S/FTP LSZH CABLE

- For applications with 10Gigabits/s networks, analog and VOIP, IP Cameras, IPTV
- 4 pair construction
- Bare copper conductor
- Skin-Foam PE Skin insulation
- LSZH jacket



842-7343	100m	£82.15
842-7352	500m	£402.99

811-0830	Blue, 100m	£974.3
811-0833	Blue 500m	£478.47
811-0837	Yellow, 100m	£95.52
811-0846	Yellow, 500m	£469.09
811-0849	Grey, 100m	£95.52
811-0843	Grey, 500m	£478.47
811-0852	Purple, 100m	£95.52
811-0855	Purple, 500m	£469.09

CAT 7A S/FTP PVC CABLE

- An advanced category 7a cable
- With foil/braid shielding and foil/braid individually shielded pairs
- Supplied on 100m reels



113-5911	Black	£143.36
113-5914	Grey	£143.36

CAT 7A S/FTP LSZH CABLE

- For horizontal wiring in LAN applications
- 4 pair multi construction
- Solid bare copper conductor
- Skin-Foam-Skin insulation
- LSZH jacket



811-0859	Blue, 100m	£107.71
811-0861	Yellow, 100m	£107.71
811-0865	Yellow, 500m	£521.24
811-0874	Grey, 100m	£109.86
811-0877	Grey, 500m	£270.91
811-0871	Purple, 100m	£109.86
811-0880	Purple, 500m	£528.38

CENTRAL LOOSE TUBE FIBRE OPTIC CABLE

- LSZH loose tube fibre optic cable is designed for external and internal duct applications.
- High Impact CST (Corrugated Steel Tape) armouring.
- The loose tube is surrounded by glass yarn for added protection and strength.
- Supplied on 250m reel with black sheath.

**200M PCS TERMINATED OPTICAL LEADS**

- 200μm multi-mode cable
- Terminated at each end with a 9 mm SMA connector (MIL-S-1863).

**MULTI-MODE FIBRE PATCH CORDS - LC TO LC**

- Polished ceramic ferrule LC connectors
- Maximum insertion loss 0.5dB
- Duplex leads with colour coded strain reliefs to indicate signal path
- Low smoke, zero halogen insulation



123-5714	OM1 MM, 8 core	£339.66
123-5717	OM3 MM, 8 core	£428.62
123-5724	OM1 MM, 24 core	£1,035.16
123-5725	OM3 MM, 12 core	£776.36
123-5722	OS1/OS2, SM 24 core	£331.58

SINGLE-MODE FIBRE PATCH CORDS - LC TO LC

- Polished ceramic ferrule LC connectors
- Maximum insertion loss 0.5dB
- OS1 yellow leads with colour coded strain reliefs to indicate signal path
- Low smoke, zero halogen insulation

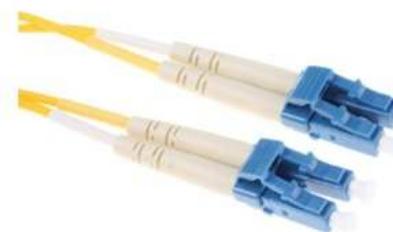
536-7106	OM1 Orange 1m	£10.82
536-7099	OM1 Orange 2m	£11.68
536-7162	OM2 Orange 10m	£18.54
536-6709	OM3 Purple 1m	£11.30
536-6737	OM3 Purple 2m	£12.49
536-6428	OM3 Purple 3m	£11.76
536-6844	OM3 Purple 5m	£11.35
536-6838	OM3 Purple 10m	£21.98

TIGHT BUFFERED DISTRIBUTION FIBRE OPTIC MULTICORE CABLE

- Tightly buffered distribution cables are designed for internal applications in trunking, under floor or ceiling spaces.
- Multi-mode and single-mode options
- The buffered fibres are surrounded by glass yarn for added protection and strength
- Supplied on a 250m reel with black PVC sheath

MULTI-MODE FIBRE PATCH CORDS - LC TO ST

- Standard Duplex configurations
- Polished ceramic ferrule SC connectors
- Maximum insertion loss 0.5dB
- Colour coded strain reliefs to indicate signal path
- Low smoke, zero halogen insulation



123-5708	OM3 MM, 8 Core	£469.06
123-5711	OS1/OS21 SM, 8 Core	£274.97

135-597	Duplex, 1m	£14.11
135-569	Duplex, 2m	£15.52
135-581	Duplex, 3m	£16.93
135-575	Duplex, 5m	£18.34
135-553	Duplex, 10m	£24.69
135-648	Simplex, 10m	£17.98

536-7336	OM1 Orange 1m	£9.40
536-7358	OM1 Orange 2m	£9.98
536-6816	OM3 Purple 2m	£18.82
536-7049	OM1 Orange 3m	£15.12
536-7487	OM1 Orange 5m	£17.24
536-6894	OM1 Orange 10m	£21.14

MULTI-MODE FIBRE PATCH CORDS - SC TO ST

- Polished ceramic ferrule SC and ST connectors
- Maximum insertion loss 0.5dB
- Duplex (dual) leads with colour coded strain reliefs to indicate signal path
- Low smoke, zero halogen insulation
- 1m length



535-7446 OM1 Orange 1m: £12.95

536-6939 OM2 Orange 1m: £9.27

STANDARD FIBRE PATCH CORDS - ST TO ST

- With polished ceramic ferrule ST connectors and a maximum insertion loss of 0.5dB
- Available in simplex and duplex configurations with a 50/125µm (OM2) or 62/125µm or (OM1) fibre size
- Supplied in a variety of cable lengths
- With orange LSZH insulation sheaths



535-7272 OM2 1m: £11.36

535-7288 OM2 2m: £11.42

535-7294 OM2 3m: £11.76

535-7389 OM1 1m: £9.75

535-7395 OM1 2m: £9.86

535-7418 OM1 5m: £10.79

535-7430 OM1 10m: £16.72

738-8492 OM1 20m: £23.72

FIBRE OPTIC PIGTAILS

- A range with ST, E2000 LC and SC connections
- Terminated with standard connectors and also feature a protective cap on the zirconia ceramic ferrule
- Available in standard white 1m lengths or packs of 12 assorted colours in 10m lengths
- Visit our website for more details on the range



121-3944 E2000/APC simplex SM 1m: £13.23

121-3943 ST simplex SM OS/1 1m: £2.11

121-4222 SC simplex SM 900um 10m x12 colours: £26.96

121-4224 SC simplex OM3 900um 10m x12 colours: £27.27

DUPLEX LC-LC OM3 MM FIBRE OPTIC PATCHCORDS

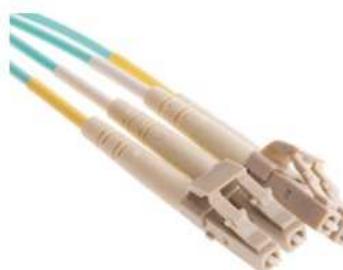
- Superior quality cable assemblies are designed to connect high speed and legacy networks like 10/40/100 Gbit Ethernet and Ethernet
- These multimode fibre patch cords have a core fibre size of 50/125 and are terminated with standard LC connectors at each end providing maximum optical performance
- These have LSZH aqua jackets and come in various lengths



121-3918	1m	£8.55
121-3919	2m	£9.46
121-3921	5m	£12.19
121-3922	10m	£16.74

DUPLEX LC-LC OM4 MM FIBRE OPTIC PATCHCORDS

- Superior quality cable assemblies are designed to connect high speed and legacy networks like 10/40/100 Gbit Ethernet and Ethernet
- These multimode fibre patch cords have a core fibre size of 50/125 and are terminated with standard LC connectors at each end providing maximum optical performance
- These have LSZH jackets and come in various lengths and colours



121-3933	1m, aqua	£9.44
121-3934	2m, aqua	£10.95
121-3935	3m, aqua	£12.45
121-3936	5m, aqua	£15.47
121-3937	10m, aqua	£23.01
121-3903	1m, violet	£9.44
121-3904	2m, violet	£10.95
121-3905	3m, violet	£12.45
121-3906	5m, violet	£15.47
121-3907	10m, violet	£23.01

DUPLEX LC-SC OM3 MM FIBRE OPTIC PATCHCORDS

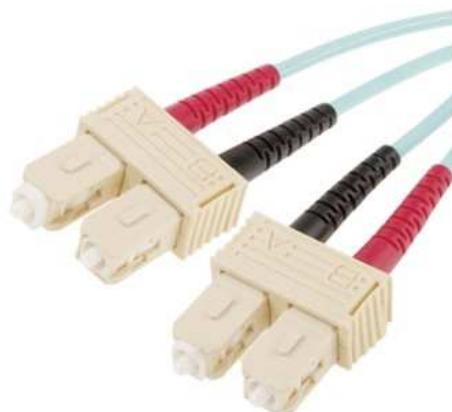
- Superior quality cable assemblies are designed to connect high speed and legacy networks like 10/40/100 Gbit Ethernet and Ethernet
- These multimode fibre patch cords have a core fibre size of 50/125 and are terminated with standard LC-SC connectors providing maximum optical performance
- These have LSZH aqua jackets and come in various lengths



121-3923	1m	£7.83
121-3924	2m	£8.74
121-3925	3m	£9.65
121-3926	5m	£11.47
121-3927	10m	£16.02

DUPLEX SC-SC OM3 MM FIBRE OPTIC PATCHCORDS

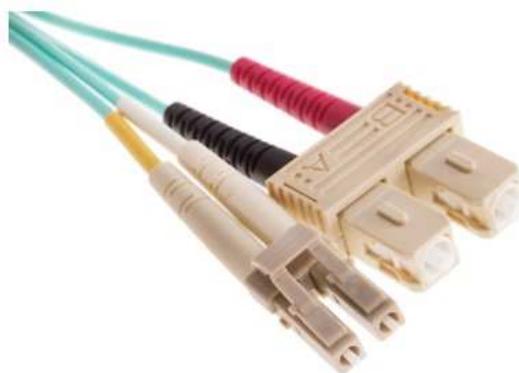
- Superior quality cable assemblies are designed to connect high speed and legacy networks like 10/40/100 Gbit Ethernet and Ethernet
- These multimode fibre patch cords have a core fibre size of 50/125 and are terminated with SC-SC connectors at each end providing maximum optical performance
- These have LSZH jackets and come in various lengths and colours
- 1m long
- Violet colour
- Visit our website for more of the range



121-3913	1m, aqua	£7.07
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DUPLEX LC-SC OM4 MM FIBRE OPTIC PATCHCORDS

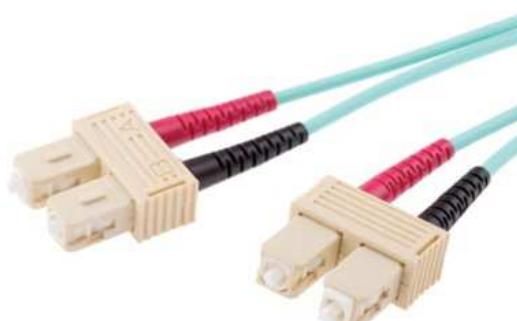
- Superior quality cable assemblies are designed to connect high speed and legacy networks like 10/40/100 Gbit Ethernet and Ethernet
- These multimode fibre patch cords have a core fibre size of 50/125 and are terminated with LC-SC connectors at each end providing maximum optical performance
- These have LSZH jackets and come in various lengths and colours



121-3938	1m, aqua	£8.50
121-3908	1m, violet	£8.50
121-3909	2m, violet	£10.01
121-3910	3m, violet	£11.52
121-3911	5m, violet	£14.53

DUPLEX SC-SC OM4 MM FIBRE OPTIC PATCHCORDS

- Superior quality cable assemblies are designed to connect high speed and legacy networks like 10/40/100 Gbit Ethernet and Ethernet
- These multimode fibre patch cords have a core fibre size of 50/125 and are terminated with SC-SC connectors at each end providing maximum optical performance
- These have LSZH jackets and come in various lengths and colours
- Visit our website for more of the range



121-3899	2m, violet	£9.26
121-3901	5m, violet	£13.78
121-3931	5m, aqua	£13.78

DATA CABLE

TYPE CW1308 TELEPHONE CABLE

- The CW1308 BT specification telephone cable is ideal for handling low frequency signals for short range applications
- Termination is intended in insulation displacement connectors (IDC) but may be soldered or wrapped
- Supplied on 100 m reels with a wide range of pairs



520-2627	2 Pairs	£25.85
520-2633	3 Pairs	£28.64
520-2649	4 Pairs	£36.24
520-2661	10 Pairs	£113.02
520-2699	20 Pairs	£161.24

MODULAR FLAT TELEPHONE CABLE

- Cables designed to meet the special requirements of high speed data transmission systems associated with data processing or information systems
- 26 AWG (7/0.16) modular multicore stranded unshielded flat (oval) telephone cable
- Includes items suitable for connecting to FCC data connectors
- Supplied on 100 m reel



749-2507	4-way silver sheath	£34.39
749-2500	6-way silver sheath	£44.71
749-2516	4-way FCC 68 grey sheath	£30.51
749-2504	6-way FCC 68 grey sheath	£43.97
749-2510	8-way FCC 68 grey sheath	£54.14

TYPE CW1128 EXTERNAL UNARMOURED TELEPHONE CABLE

- Solid 1/0.5 mm conductors
- Insulated with cellular polyethylene, jelly filled and with a black polyethylene sheath
- Meets British Telecom Specification CW1128
- Supplied on 100 m reels



520-2784	5 Pairs	£158.21
520-2807	20 Pairs	£249.31

MODEM CABLES

- Connects modems or PC cards to UK IBT431A (plug) or USA (RJ11 plug) style telephone sockets
- 3 m quality moulded construction
- Suitable for use as replacement cable



303-1271	RJ11/BT USA/UK	£5.80
303-1287	RJ11/RJ11 USA/USA	£4.40

EXTERNAL DROPOWIRE TELEPHONE CABLE

- Designed for overhead distribution lines, typically from a telegraph pole to the customer's premises
- 4x 0.5 mm plain solid copper pairs insulated with solid polyethylene and wrapped with a polyester tape
- 3 x brass coated steel support strands insulated with PVC
- Sheathed overall with a medium density black polyethylene sheath
- To BT specification CW1417
- 305 m reel



411-817		£162.23
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TELEPHONE COILED HANDSET LEAD

- Replacement telephone handset leads in various lengths and colours
- Suitable for all telephones which accept small RJ9/RJ9 4/4 type plugs
- Lengths stated are fully extended



182-4548	Charcoal grey 2.5 m	£3.79
182-4582	Charcoal grey 5 m	£4.18
495-0476	White 5 m 3 pack	£2.86

TELEPHONE LINE CORD

- 3 m white telephone line cord ideal for replacing existing modular cord affixed to base of telephone
- RJ11 male to BT male
- Supplied in bag of 3



TELEPHONE EXTENSION LEADS

- Terminated with BT and Micro connector

304-6699	3 m	£3.35
331-7698	5 m	£2.87
331-7711	15 m	£3.48

495-0505		£8.27
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**ISO6722-1 AUTOMOTIVE WIRE
1MM²**

- Designed for use in road vehicle applications
- Dc voltage range: 60Vdc - 600Vdc
- Ac voltage range: 25Vac - 600Vac
- Supplied on 30m reel

**ISO6722-1 AUTOMOTIVE WIRE
2MM²**

- Designed for use in road vehicle applications
- Dc voltage range: 60Vdc - 600Vdc
- Ac voltage range: 25Vac - 600Vac
- Supplied on 30m reel



122-5865	Black / blue	£11.10
122-5866	Black / red	£11.10
122-5867	Black / yellow	£11.10
122-5857	Blue	£11.10
122-5868	Blue / Black	£11.10
122-5869	Blue / Red	£11.10
122-5870	Blue / White	£11.10
122-5871	Brown / Red	£11.10
122-5872	Brown / White	£11.10
122-5858	Brown	£11.10
122-5859	Green	£11.10
122-5874	Green / Violet	£11.10
122-5875	Green / White	£11.10
122-5863	Orange	£11.10
122-5864	Pink	£11.10
122-5873	Green / Red	£11.10
122-5860	White	£11.10
122-5861	Yellow	£11.10

EFGLAS AIRFRAME CABLE

- Primarily utilised by aircraft manufacturers, EFGLAS cables have an operating temperature range of -70°C to +260°C
- Maximum voltage of 600Vrms and frequency of 1600Hz
- Constructed using nickel plated copper wire conductors
- Insulated with a combination of PTFE tapes and PTFE impregnated glass yarn braid for added strength
- Supplied on 100m reel



232-1084	10 AWG	£810.05
232-1078	12 AWG	£361.91
232-1040	16 AWG	£375.13

KY30 HARSH ENVIRONMENT WIRE

- Ideal for internal wiring in electronic equipment
- Tin plated copper inner conductor
- PVC Insulation
- Standards: NFC 93521, NFC 32070/C1



851-3567	KY30-03 0.12mm ² Black 250m	£19.85
851-3576	KY30-04 0.22mm ² Black 250m	£19.85
851-3595	KY30-04 0.22mm ² Blue 250m	£19.85
851-3579	KY30-04 0.22mm ² Red 250m	£19.85
851-3573	KY30-05 0.34mm ² Black 250m	£24.53
851-3582	KY30-05 0.34mm ² Red 250m	£24.53
851-3585	KY30-05 0.34mm ² Green 250m	£24.53
851-3598	KY30-06 0.6mm ² Black 100m	£15.99
851-3608	KY30-06 0.6mm ² Blue 100m	£15.99
851-3591	KY30-06 0.6mm ² Red 100m	£15.99
851-3611	KY30-06 0.6mm ² White 100m	£15.99

**ISO6722-1 AUTOMOTIVE WIRE
3MM²**

- Designed for use in road vehicle applications
- Dc voltage range: 60Vdc - 600Vdc
- Ac voltage range: 25Vac - 600Vac
- Supplied on 30m reel

**KY33 HARSH ENVIRONMENT WIRE**

- Ideal for internal wiring in electronic equipment
- Tin plated copper inner conductor
- PVC Insulation
- Standards: NFC 93521, NFC 32070/C1



851-3627	10m	£41.01
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FLAT COPPER BRAID

- Fully annealed tinned copper wire
- For use in normal ambient conditions
- Meets BS 4109
- Supplied on 25m reel



358-012	30A 4x0.8mm	£24.37
365-543	63A 10x2mm	£82.95
365-559	90A 12x2.3mm	£104.50

BRAIDED EARTH LEADS

- High flexibility braid for high vibration areas
- Conforms to BS4109
- Brazed seam terminal construction
- Supplied with metric terminals at each end



489-210	150mm M6-M6	£5.80
489-163	250mm M6-M6	£6.81
489-169	400mm M6-M6	£9.03
489-153	500mm M8-M8	£13.95

SINGLE CORE CABLE

PTFE INSULATED EQUIPMENT WIRE (TYPE A) 7/0.12MM

- Silver-plated copper stranded equipment wires with PTFE insulation to BS3G 210
- Can be used where high reliability with thermal and chemical stability is required
- Operating temperature range: -55°C to +200°C
- Supplied on 100m reels



841-7131	Black	£48.88
841-7144	Blue	£48.88
841-7150	Brown	£48.88
841-7156	Green	£48.88
841-7162	Grey	£48.88
841-7153	Orange	£48.88
841-7134	Pink	£48.88
841-7138	Red	£48.88
841-7169	Violet	£48.88
841-7147	White	£48.88
841-7140	Yellow	£48.88

PTFE INSULATED EQUIPMENT WIRE (TYPE A) 7/0.20MM

- Silver-plated copper stranded equipment wires with PTFE insulation to BS3G 210
- Can be used where high reliability with thermal and chemical stability is required
- Operating temperature range: -55°C to +200°C
- Supplied on 25m and 100m reels; examples shown. See our website for full range



841-7213	Black 25m	£17.83
841-7223	Black 100m	£57.50
841-7241	Blue 100m	£57.50
841-7257	Brown 100m	£57.50
841-7254	Green 100m	£57.50
841-7260	Grey 100m	£57.50
841-7245	Orange 100m	£57.50
841-7217	Pink 25m	£17.83
841-7232	Pink 100m	£57.50
841-7226	Red 25m	£17.83
841-7235	Red 100m	£57.50
841-7251	Violet 100m	£57.50
841-7229	White 25m	£17.83
841-7239	White 100m	£57.50
841-7248	Yellow 100m	£57.50

PTFE INSULATED EQUIPMENT WIRE (TYPE A) 19/0.20MM

- Silver-plated copper stranded equipment wires with PTFE insulation to BS3G 210
- Can be used where high reliability with thermal and chemical stability is required
- Operating temperature range: -75°C to +200°C
- Supplied on 100m reels



841-7305	Black	£95.61
841-7318	Blue	£95.61
841-7324	Brown	£95.61
841-7320	Green	£95.61
841-7336	Grey	£95.61
841-7327	Orange	£95.61
841-7308	Pink	£95.61
841-7302	Red	£95.61
841-7333	Violet	£95.61
841-7311	White	£95.61
841-7314	Yellow	£95.61

PTFE INSULATED EQUIPMENT WIRE (TYPE A) 7/0.15MM

- Silver-plated copper stranded equipment wires with PTFE insulation to BS3G 210
- Can be used where high reliability with thermal and chemical stability is required
- Operating temperature range: -55°C to +200°C
- Supplied on 25m and 100m reels; examples shown. See our website for full range



841-7166	Black 25m	£16.90
841-7181	Black 100m	£55.60
841-7190	Blue 100m	£55.60
841-7207	Brown 100m	£55.60
841-7194	Green 100m	£55.60
841-7210	Orange 100m	£55.60
841-7184	Pink 100m	£55.60
841-7178	Red 25m	£16.90
841-7188	Red 100m	£55.60
841-7201	Violet 100m	£55.60
841-7172	White 25m	£16.90
841-7197	White 100m	£55.60
841-7204	Yellow 100m	£55.60

PTFE INSULATED EQUIPMENT WIRE (TYPE A) 19/0.15MM

- Silver-plated copper stranded equipment wires with PTFE insulation to BS3G 210
- Can be used where high reliability with thermal and chemical stability is required
- Operating temperature range: -75°C to +200°C
- Supplied on 100m reels



841-7263	Black	£79.77
841-7282	Blue	£79.77
841-7298	Brown	£79.77
841-7289	Green	£79.77
841-7295	Grey	£79.77
841-7285	Orange	£79.77
841-7267	Pink	£79.77
841-7276	Red	£79.77
841-7291	Violet	£79.77
841-7279	White	£79.77
841-7273	Yellow	£79.77

PTFE INSULATED EQUIPMENT WIRE (TYPE B) 7/0.2MM

- Silver-plated copper stranded equipment wires with PTFE insulation to BS3G 210
- Can be used where high reliability with thermal and chemical stability is required
- Operating temperature range: -75°C to +200°C
- Supplied on 100m reels



841-7330	Black 25m	£22.94
841-7355	Black 100m	£68.34
841-7370	Blue 100m	£68.34
841-7383	Brown 100m	£68.34
841-7374	Green 100m	£68.34
841-7380	Grey 100m	£68.34
841-7377	Orange 100m	£68.34
841-7349	Pink 25m	£22.94
841-7358	Pink 100m	£68.34
841-7342	Red 25m	£22.94
841-7352	Red 100m	£68.34
841-7386	Violet 100m	£68.34
841-7361	White 100m	£68.34
841-7346	Yellow 25m	£22.94
841-7364	Yellow 100m	£68.34

**PTFE INSULATED EQUIPMENT WIRE
(TYPE B) 19/0.15MM**

- Silver-plated copper stranded equipment wires with PTFE insulation to BS3G 210
- Can be used where high reliability with thermal and chemical stability is required
- Operating temperature range: -55°C to +200°C
- Supplied on 25m and 100m reels, examples shown. See our website for full range



841-7399	Black 25m	£2754
841-7409	Black 100m	£86.37
841-7421	Blue 100m	£86.37
841-7434	Brown 100m	£86.37
841-7425	Green 100m	£86.37
841-7437	Grey 100m	£86.37
841-7428	Orange 100m	£86.37
841-7392	Pink 25m	£2754
841-7403	Pink 100m	£86.37
841-7396	Red 25m	£2754
841-7412	Red 100m	£86.37
841-7415	White 100m	£86.37
841-7406	Yellow 25m	£2754
841-7419	Yellow 100m	£86.37

ETFE (TEFZEL) EQUIPMENT WIRE

- Meets the requirements of defence standard 61-12 Part 29/1
- Outer sheath resists temperatures up to +270°C
- Good chemical and abrasion resistance
- Thin, lightweight and flame retardant
- Available in black or white, on 100m reels

**GLASS FIBRE BRAIDED HARSH ENVIRONMENT WIRE**

- Tinned copper stranded conductor covered with impregnated acrylic and a glass fibre braid
- Silicone primary insulation
- Temperature range -60°C to +200°C
- Minimum bend radius 20mm (24/0.2) 24mm (30/0.25)

**PTFE INSULATED EQUIPMENT WIRE
(TYPE B) 19/0.2MM**

- Silver-plated copper stranded equipment wires with PTFE insulation to BS3G 210
- Can be used where high reliability with thermal and chemical stability is required
- Operating temperature range: -55°C to +200°C
- Supplied on 25m and 100m reels, examples shown. See our website for full range

**HARSH ENVIRONMENT INDUSTRIAL WIRE**

- Flexible composite cables; suitable for use in high temperature industrial applications
- Constructed from stranded nickel plated copper conductors, insulated with PFA, covered with a glass mica tape and outer glass braid
- Operating temperature range: -25°C to +250°C
- Voltage rating: between conductors and earth 600V; between conductors 1000V

**SILICONE RUBBER INSULATED WIRE**

- Tinned copper conductors covered with 0.8 mm wall thickness silicone rubber to BS 6195 table 4
- Will satisfy a wide number of applications related to medical, electronic or electrical equipment



841-7431	Black	£95.54
841-7453	Blue	£95.54
841-7465	Brown	£95.54
841-7462	Green	£95.54
841-7478	Grey	£95.44
841-7459	Orange	£95.54
841-7440	Pink	£95.44
841-7443	Red	£95.54
841-7469	Violet	£95.54
841-7447	White	£95.54
841-7456	Yellow	£95.54

819-9640	1mm ² 10m	£53.42
819-9644	1mm ² 50m	£198.50
819-9653	1.5mm ² 10m	£57.40
819-9656	1.5mm ² 50m	£218.46
819-9650	2.5mm ² 10m	£72.99
819-9669	2.5mm ² 50m	£265.16
125-7959	4mm ² 10m	£75.60
125-7960	4mm ² 50m	£269.12
125-7961	10mm ² 10m	£119.83
125-7963	16mm ² 10m	£142.49
125-7964	16mm ² 50m	£498.17

359-677	Black 160.2mm 0.5mm ² 25m	£9.56
359-706	Brown 160.2mm 0.5mm ² 25m	£9.56
359-683	Red 160.2mm 0.5mm ² 25m	£9.56
265-3022	Black 320.2mm 1mm ² 100m	£28.84
265-3016	Red 320.2mm 1mm ² 100m	£28.84

SINGLE CORE CABLE

UL1007 300V HOOK-UP WIRE

- Used for internal wiring of electronic and electrical equipment
- Stranded tinned copper conductor, and PVC insulation in various colours
- 18,20,22,24,26,28 AWG
- Supplied on reels of 100m
- Visit our website for full range

UL1015 HOOK-UP WIRE

- Designed for use with internal wiring of electronic and electrical equipment
- Various colours with PVC insulation
- VW-1 Flammability test
- Stranded tinned copper conductor 18, 20, 22, 24, 26, 28 AWG (full range on the RS website)
- Supplied in 100m reels



811-7478	18 AWG Black	£24.11	872-4527	22 AWG Black	£16.13
811-7480	18 AWG Blue	£24.11	872-4533	22 AWG Blue	£16.45
811-7484	18 AWG Red	£24.11	872-4521	22 AWG Brown	£16.45
811-7493	18 AWG Green	£24.11	872-4546	22 AWG Green	£16.45
811-7465	20 AWG Black	£22.37	872-4552	22 AWG Grey	£16.45
811-7462	20 AWG Blue	£22.37	872-4543	22 AWG Orange	£16.45
811-7471	20 AWG Red	£22.37	872-4530	22 AWG Red	£16.13
811-7474	20 AWG Green	£22.37	872-4555	22 AWG Violet	£16.45
872-4647	22 AWG Brown	£17.10	872-4537	22 AWG White	£16.13
872-4644	22 AWG Orange	£17.10	872-4549	22 AWG Yellow	£16.45
872-4656	22 AWG Violet	£12.82	872-4495	24 AWG Black	£12.30
872-4640	22 AWG Yellow	£12.82	872-4502	24 AWG Blue	£12.55
811-7446	22 AWG Black	£17.58	872-4498	24 AWG Brown	£9.41
811-7440	22 AWG White	£17.58	872-4509	24 AWG Green	£12.55
811-7459	22 AWG Blue	£17.58	872-4515	24 AWG Grey	£12.30
811-7452	22 AWG Red	£17.58	872-4511	24 AWG Orange	£9.41
811-7456	22 AWG Green	£17.58	872-4492	24 AWG Red	£12.30
874-0444	22 AWG Brown	£15.89	872-4524	24 AWG Violet	£9.41
874-0450	22 AWG Grey	£15.89	872-4505	24 AWG White	£12.55
874-0456	22 AWG Orange	£15.89	872-4518	24 AWG Yellow	£12.55
874-0469	22 AWG Violet	£15.89	872-4458	26 AWG Black	£10.18
874-0453	22 AWG Yellow	£15.89	872-4464	26 AWG Blue	£10.18
874-0447	24 AWG Grey	£12.45	872-4467	26 AWG Brown	£7.63
874-0393	26 AWG Black	£7.76	872-4476	26 AWG Green	£7.63
874-0400	26 AWG Blue	£7.76	872-4482	26 AWG Grey	£7.63
874-0403	26 AWG Brown	£7.76	872-4489	26 AWG Orange	£7.63
874-0412	26 AWG Green	£7.76	872-4460	26 AWG Red	£10.18
874-0428	26 AWG Grey	£7.76	872-4486	26 AWG Violet	£7.63
874-0425	26 AWG Orange	£7.76	872-4473	26 AWG White	£7.63
874-0406	26 AWG Red	£7.76	872-4470	26 AWG Yellow	£7.63
874-0422	26 AWG Violet	£7.76	872-4426	28 AWG Black	£7.62
874-0419	26 AWG White	£7.76	872-4432	28 AWG Blue	£7.77
874-0416	26 AWG Yellow	£7.76	872-4445	28 AWG Green	£7.77
874-0361	28 AWG Black	£6.15	872-4451	28 AWG Grey	£5.83
874-0377	28 AWG Blue	£6.15	872-4442	28 AWG Orange	£7.77
874-0365	28 AWG Brown	£6.15	872-4439	28 AWG Red	£7.62
874-0380	28 AWG Green	£6.15	872-4454	28 AWG Violet	£7.77
874-0396	28 AWG Grey	£6.15	872-4436	28 AWG White	£7.77
874-0387	28 AWG Orange	£6.15	872-4448	28 AWG Yellow	£7.77
874-0374	28 AWG Red	£6.15			
874-0399	28 AWG Violet	£6.15			
874-0371	28 AWG White	£6.15			
874-0383	28 AWG Yellow	£6.15			

UL1569 HOOK-UP WIRE

- For use in electronic and appliance applications when not subjected to movement or mechanical damage
- Soft annealed stranded bare copper conductor, PVC Insulated
- High flexing UL 10198
- Continuous use up to 105°C
- Various colours available, supplied on 100m reels

**UL3173 HOOK-UP WIRE**

- Used for internal wiring of electronic and electrical equipment.
- Stranded tinned copper conductor, with XPLE insulation
- 22, 24, 26 AWG
- VW-1 Flammability
- Various colours, supplied on 100m reels

**UL 3239 HOOK-UP WIRE**

- Stranded tinned copper conductor with XPLE insulation material
- 22, 24, 26 & 28 AWG
- UL 758, UL 1581
- Flammability Rating VW-1
- Various colours supplied on 100m reels



884-0926	22 AWG Grey	£16.39	873-8977	22 AWG Black	£19.02
884-0922	22 AWG Orange	£16.39	873-8983	22 AWG Blue	£19.02
884-0869	26 AWG Black	£7.76	873-8970	22 AWG Brown	£19.02
884-0875	26 AWG Blue	£7.76	873-8980	22 AWG Green	£19.02
884-0878	26 AWG Brown	£5.82	873-8992	22 AWG Orange	£19.02
884-0887	26 AWG Green	£7.76	873-8974	22 AWG Red	£19.02
884-0893	26 AWG Grey	£7.76	873-9009	22 AWG Violet	£19.02
884-0890	26 AWG Orange	£7.76	873-8986	22 AWG White	£19.02
884-0871	26 AWG Red	£7.76	873-8999	22 AWG Yellow	£19.02
884-0897	26 AWG Violet	£5.82	873-8930	24 AWG Black	£14.70
884-0884	26 AWG White	£7.76	873-8946	24 AWG Blue	£14.99
884-0881	26 AWG Yellow	£7.76	873-8949	24 AWG Brown	£14.99
884-0837	28 AWG Black	£6.15	873-8958	24 AWG Green	£14.70
884-0843	28 AWG Blue	£6.15	873-8964	24 AWG Grey	£14.99
884-0831	28 AWG Brown	£4.61	873-8961	24 AWG Orange	£14.99
884-0856	28 AWG Green	£6.15	873-8942	24 AWG Red	£14.70
884-0862	28 AWG Grey	£6.15	873-8968	24 AWG Violet	£14.99
884-0853	28 AWG Orange	£6.15	873-8955	24 AWG White	£14.99
884-0840	28 AWG Red	£6.15	873-8952	24 AWG Yellow	£14.99
884-0865	28 AWG Violet	£4.61	873-8908	26 AWG Black	£10.36
884-0847	28 AWG White	£6.15	873-8924	26 AWG Orange	£5.90
			873-8911	26 AWG Red	£10.36
			873-8876	28 AWG Black	£12.09
			873-8882	28 AWG Blue	£9.07
			873-8879	28 AWG Brown	£9.07
			873-8889	28 AWG Green	£9.07
			873-8891	28 AWG Orange	£9.07
			873-8873	28 AWG Red	£12.09
			873-8885	28 AWG White	£12.09
			873-8898	28 AWG Yellow	£9.07

SINGLE CORE CABLE

UL3266 HOOK-UP WIRE

- Stranded tinned copper conductor with XPLE insulation material
- 300V rating
- 22, 24, 26 & 28 AWG
- Flammability Rating VW-1
- Various colours supplied on 100m reels



UL3321 HOOK-UP WIRE

- 600V rating with XLPE insulated material
- Cross linked polyethylene
- 28, 26, 24, 22 AWG stranded tinned copper conductor
- Flammability tested - VW-1
- Rated for use up to 150°C
- Various colours supplied on 100m reels



UL1385 HOOK-UP WIRE

- For the internal wiring of electronic equipment
- Stranded tinned copper conductor
- XL-PE Insulation
- 22, 24, 26, 28 AWG
- Available in various colours on 100m reels



891-8760	22 AWG Black	£19.24
891-8776	22 AWG Blue	£14.42
891-8772	22 AWG Red	£14.42
891-8785	22 AWG White	£14.42
891-8738	24 AWG Black	£17.13
891-8732	24 AWG Brown	£17.13
891-8757	24 AWG Green	£17.13
891-8741	24 AWG Red	£17.13
891-8713	26 AWG Blue	£11.86
891-8716	26 AWG White	£9.99

872-5274	22 AWG Black	£15.27
872-5296	22 AWG Blue	£15.27
872-5277	22 AWG Brown	£15.27
872-5303	22 AWG Green	£15.27
872-5325	22 AWG Grey	£15.27
872-5312	22 AWG Orange	£15.27
872-5280	22 AWG Red	£15.27
872-5322	22 AWG Violet	£15.27
872-5293	22 AWG White	£15.27
872-5300	22 AWG Yellow	£15.27
872-5205	24 AWG Black	£12.09
872-5221	24 AWG Blue	£12.09
872-5218	24 AWG Brown	£12.09
872-5246	24 AWG Green	£12.09
872-5259	24 AWG Grey	£12.09
872-5261	24 AWG Violet	£12.09
872-5233	24 AWG White	£12.09
872-5243	24 AWG Yellow	£12.09
872-5136	26 AWG Black	£9.22
872-5167	26 AWG Blue	£6.92
872-5142	26 AWG Brown	£6.92
872-5198	26 AWG Grey	£6.92
872-5186	26 AWG Orange	£6.92
872-5151	26 AWG Red	£9.22
872-5189	26 AWG Yellow	£9.22
872-5072	28 AWG Black	£8.34
872-5079	28 AWG Brown	£6.26
872-5104	28 AWG Green	£6.26
872-5081	28 AWG Red	£8.34
872-5091	28 AWG White	£6.26

3/0.07MM EXTRA FLEXIBLE EQUIPMENT WIRE

- Designed for low current applications including connecting mobile assemblies
- PVC insulation
- Available in various colours on 100m reels



860-6713	Black	£95.47
860-6729	Blue	£95.47
860-6722	Grey	£8.66
860-6716	Orange	£99.03
873-8863	Red	£99.00

PVC EHT CABLE

- Cable suitable for Extra High Tension (EHT) projects
- 25kVdc rating
- 0.5mm² CSA
- Supplied on 25m reel



906-0600		£41.18
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1/0.8 SOLID STRAND WIRE BS6004

- Manufactured in accordance with BS6004 Table 9
- The plain annealed copper conductor is insulated with heat resisting PVC
- Continuous temperature rating of 85°C



183-9247	Blue 100m	£15.16
183-9275	Brown 100m	£15.16
183-9225	White 100m	£16.03
183-9231	White 500m	£72.39

EN2267 AEROSPACE WIRE

- Designed for general purpose, high performance fixed wing and helicopter wiring applications.
- Excellent thermal stability and lightweight capabilities, plus to be chemical and arc track resistant.
- Operating temperature -65°C to +260°C
- Standards EN 2267-010, prEN 3475
- Supplied on 100m reels

UL1061 HOOK-UP WIRE

- For general applications
- Tinned copper construction with SR-PVC Jacket
- 100m reel

**UL1007/UL1569 HOOK-UP WIRE
300V**

- Designed for general application. Consists of a tinned copper construction with a PVC jacket
- Maximum temperature +80°C (AWM/Style 1007), +105°C (AWM/Style 1569)
- 100m Reel length



111-3149	10 AWG white	£419.98	811-7547	18 AWG Black	£36.80	811-7617	18 AWG Black	£22.93
111-3148	12 AWG white	£263.25	811-7541	18 AWG White	£36.80	811-7610	18 AWG White	£22.93
111-3147	14 AWG white	£184.02	811-7550	18 AWG Blue	£36.80	811-7614	18 AWG Blue	£22.93
111-3146	16 AWG white	£129.04	811-7553	18 AWG Red	£36.80	811-7623	18 AWG Red	£22.93
111-3144	20 AWG white	£66.43	811-7557	18 AWG Green	£39.43	811-7626	18 AWG Green	£22.93
111-3143	22 AWG green	£61.92	811-7529	20 AWG Black	£24.46	811-7597	20 AWG Black	£21.24
111-3142	24 AWG blue	£69.92	811-7538	20 AWG White	£24.46	811-7591	20 AWG Red	£21.24
111-3141	26 AWG yellow	£84.00	811-7516	22 AWG Black	£16.98	811-7604	20 AWG Red	£21.24
			811-7519	22 AWG White	£16.98	811-7608	20 AWG Green	£21.24
			811-7513	22 AWG Blue	£16.98	811-7579	22 AWG Black	£18.18
			811-7522	22 AWG Red	£16.98	811-7588	22 AWG White	£18.18
			811-7525	22 AWG Green	£16.98	811-7581	22 AWG Blue	£18.18
			811-7496	24 AWG Black	£11.25	811-7585	22 AWG Red	£18.18
			811-7490	24 AWG White	£11.25	811-7594	22 AWG Green	£18.18
			811-7500	24 AWG Blue	£11.25	811-7566	24 AWG Black	£13.34
			811-7503	24 AWG Red	£11.25	811-7563	24 AWG Blue	£13.34
						811-7572	24 AWG Red	£13.34

SINGLE CORE CABLE

UL 1213 HOOK-UP WIRE 600V

- Suitable for internal application with exposure to oil at temperatures not exceeding +60°C
- Single copper plated construction with PTFE Jacket
- Standards: UL, RoHS, VW-1, Military Spec MIL-W-16878E
- 100m Reel length



813-3527	18 AWG Black	£119.43
813-3521	18 AWG White	£119.43
813-3533	18 AWG Red	£119.43
813-3509	20 AWG Black	£90.54
813-3518	20 AWG White	£90.54
813-3515	20 AWG Red	£90.54
813-3495	22 AWG Black	£74.45
813-3498	22 AWG White	£74.45
813-3502	22 AWG Red	£74.45
813-3476	24 AWG Black	£41.52
813-3489	24 AWG Blue	£41.52
813-3482	24 AWG Red	£41.52
813-3486	24 AWG Green	£41.52

16/0.2MM BS4808 EQUIPMENT WIRE

- Meets the requirements of IEC 189-3
- Stranded tinned copper with 0.3mm PVC wall thickness
- O/D 1.45mm to 165mm with Voltage rating 1kV rms
- Current rating 3A
- Temperature rating -15°C to +85°C



748-2112	Black 100m	£13.13
748-2115	Blue 100m	£13.13
748-2119	Brown 100m	£13.13
748-2128	Green 100m	£13.13
748-2121	Grey 100m	£13.13
748-2125	Orange 100m	£13.13
748-2134	Pink 100m	£13.13
748-2137	Red 100m	£13.13
748-2131	Violet 100m	£13.13
748-2140	White 100m	£13.13
748-2143	Yellow 100m	£13.13
748-2147	Black 500m	£58.65
748-2156	Blue 500m	£58.65
748-2178	Red 500m	£58.65
748-2175	White 500m	£58.65

32 / 0.2MM BS4808 EQUIPMENT WIRE

- Def Stan 61-12 Part 6, and flame resistant to UL1581 VW-1 and IEC60332-1
- Stranded tinned copper with 0.6mm PVC wall thickness
- O/D 2.4 to 2.65mm giving voltage rating 1.5kV rms
- Current rating 6A
- Temperature rating -20°C to +85°C



748-2036	Black 100m	£22.20
748-2030	Blue 100m	£22.20
748-2052	Red 100m	£22.20

7/0.2MM BS4808 EQUIPMENT WIRE

- Meets the requirements of IEC 189-3
- Stranded tinned copper with 0.3mm PVC wall thickness insulation
- Max: O/D 1.3mm, with Voltage rating 1kV rms
- Current rating 1.4A
- Temperature rating -15 to +85°C



712-5327	Black 100m	£7.98
712-5336	Blue 100m	£7.98
712-5358	Red 100m	£7.98
712-5355	White 100m	£7.98
712-5364	Yellow 100m	£7.98
712-5367	Black 500m	£27.42
712-5383	Red 500m	£27.42

24/0.2MM BS4808 EQUIPMENT WIRE

- Def Stan 61-12 Part 6, and flame resistant to UL1581 VW-1 and IEC60332-1
- Stranded tinned copper with 0.45mm PVC wall thickness
- O/D 2.2 to 2.45mm giving voltage rating 1.5kV rms
- Current rating 4.5A
- Temperature rating -20°C to +85°C



748-2248	Black 100m	£18.43
748-2257	Blue 100m	£18.43
748-2279	Red 100m	£18.43
748-2276	White 100m	£18.43

MIL-W-16878/4 PTFE HOOK-UP WIRE

- Ideal for use in aerospace and military electronic applications
- 26 AWG soft annealed, silver plated copper conductor with PTFE insulation
- Continual usage rating of -55°C to +200°C
- Standards: MIL-W-16878/4, UL1213
- Supplied on 100m reels



877-5430	Black	£29.91
877-5446	Red	£22.43
877-5440	White	£29.91

UL1180 HOOK-UP WIRE

- Designed for internal wiring of electronic, electrical equipment
- Ideal for applications with chemical exposure, temperature extremes and dielectric stresses
- UL1180 is suitable to be immersed in gasoline, gasoline vapour and at +80°C maximum oil
- PTFE Material in various colours
- Stranded silver plated copper conductor
- Supplied on 100m reels

UL1213 HOOK-UP WIRE

- Designed for internal wiring where it is not subjected to mechanical abuse
- Usage restricted to low voltage applications
- Oil resistant +60°C
- Stranded silver plated copper conductor with PTFE insulation
- Supplied on 100m reels

UL1371 HOOK-UP WIRE

- Suitable for internal wiring where it is not subjected to movement or mechanical damage
- PTFE Insulation in various Colours
- Stranded silver plated copper conductor
- Supplied on 100m reels



874-0239	22 AWG Black	£2752		
874-0245	22 AWG Blue	£2752		
874-0232	22 AWG Brown	£2752		
874-0242	22 AWG Green	£2752		
874-0258	22 AWG Grey	£2752		
874-0254	22 AWG Orange	£2752		
874-0236	22 AWG Red	£2752		
874-0248	22 AWG White	£2752		
874-0191	24 AWG Black	£23.78		
874-0208	24 AWG Blue	£23.78		
874-0201	24 AWG Brown	£23.78		
874-0210	24 AWG Green	£23.78	873-9712 22 AWG Orange	£57.36
874-0226	24 AWG Grey	£23.78	873-9719 22 AWG Violet	£57.36
874-0223	24 AWG Orange	£23.78	873-9658 26 AWG Black	£24.20
874-0204	24 AWG Red	£23.78	873-9674 26 AWG Orange	£24.20
874-0220	24 AWG Violet	£23.78	873-9661 26 AWG Red	£24.20
874-0217	24 AWG White	£23.78	873-9686 26 AWG Violet	£24.20
874-0214	24 AWG Yellow	£23.78	873-9670 26 AWG Yellow	£24.20
874-0169	26 AWG Black	£20.61	873-9627 28 AWG Black	£21.85
874-0194	26 AWG Grey	£9.59	873-9633 28 AWG Blue	£21.85
874-0172	26 AWG Red	£20.61	873-9620 28 AWG Brown	£21.85
874-0138	28 AWG Black	£16.75	873-9630 28 AWG Green	£21.85
874-0141	28 AWG Green	£16.75	873-9646 28 AWG Grey	£21.85
874-0153	28 AWG Orange	£9.48	873-9624 28 AWG Red	£21.85
874-0135	28 AWG Red	£16.75	873-9655 28 AWG Violet	£21.85
874-0166	28 AWG Violet	£16.75	873-9636 28 AWG White	£21.85
874-0147	28 AWG White	£16.75	873-9649 28 AWG Yellow	£21.85
			903-4027 24 AWG Brown	£18.26
			903-4043 24 AWG Grey	£24.35
			903-3992 26 AWG Brown	£13.69
			903-4015 26 AWG Violet	£13.69

SINGLE CORE CABLE

MIL-W-16878/6 PTFE HOOK-UP WIRE

- Suitable for the internal wiring of appliances and electronic equipment
- PTFE insulation with VW-1 Flammability and 250V rating
- Stranded silver plated copper conductor
- Supplied on 100m reels



877-5500	24 AWG Black	£30.11
877-5507	24 AWG Blue	£30.11
877-5516	24 AWG Red	£31.64
877-5519	24 AWG White	£31.64
877-5480	26 AWG Black	£24.35
877-5493	26 AWG Blue	£24.35
877-5484	26 AWG Brown	£24.35
877-5496	26 AWG Red	£24.35
877-5490	26 AWG White	£26.25
877-5462	28 AWG Black	£20.69
877-5474	28 AWG Blue	£20.69
877-5471	28 AWG Brown	£20.69
877-5478	28 AWG Red	£20.69
877-5487	28 AWG White	£20.69

MIL-W-22759/11 PTFE HOOK-UP WIRE

- For internal wiring of appliances and electronic equipment
- Silver plated copper conductor with PTFE Insulation
- 24, 26, 28AWG
- Rated for continuous use up to 200°C
- In various colours supplied on 100m reels



877-6203	24 AWG Black	£37.69
877-6213	24 AWG White	£36.72
877-6184	26 AWG Black	£30.14
877-6196	26 AWG Blue	£22.01
877-6190	26 AWG Red	£29.36
877-6200	26 AWG White	£29.36
877-6187	28 AWG Red	£24.39
877-6180	28 AWG White	£24.39

MIL-W-22759/9 PTFE HOOK-UP WIRE

- Ideal for internal wiring of appliances and electronic equipment
- Silver plated copper conductor with PTFE Insulation
- Rated for continuous use up to 200°C
- In various colours supplied on 100m reels



877-6152	24 AWG Black	£45.47
877-6165	24 AWG Blue	£19.85
877-6168	24 AWG Red	£45.47
877-6146	26 AWG Blue	£32.91
877-6159	26 AWG White	£32.91
877-6121	28 AWG Black	£32.91
877-6128	28 AWG Blue	£32.91
877-6137	28 AWG Red	£32.91
877-6130	28 AWG White	£32.91

UL3289 EQUIPMENT WIRE

- Excellent abrasion resistance
- Suitable for Class F motors, transformers and general hostile environments
- Voltage rating 600V
- Operating temperature -65 to 150°C
- Stranded tin copper wire, insulated with modified cross linked polyolefin
- Supplied on a 100m reel



885-0840	0.5mm ²	£49.95
885-0844	0.75mm ²	£54.66
885-0853	1mm ²	£65.24
885-0856	1.5mm ²	£82.27
885-0850	2.5mm ²	£102.52
885-0869	4mm ²	£144.11

UL1429 HOOK-UP WIRE

- For internal wiring of appliances or electronic equipment
- Flammability tested - VW-1
- Standards: UL758, UL1581
- Tinned copper conductor with PVC insulation
- Various colours available on 100m reels



877-5389	20 AWG Black	£26.33
877-5395	20 AWG Blue	£19.75
877-5383	20 AWG Brown	£19.75
877-5409	20 AWG Green	£19.75
877-5415	20 AWG Grey	£26.33
877-5406	20 AWG Orange	£19.75
877-5392	20 AWG Red	£26.33
877-5418	20 AWG Violet	£19.75
877-5399	20 AWG White	£26.33
877-5358	22 AWG Black	£18.87
877-5364	22 AWG Blue	£18.87
877-5351	22 AWG Brown	£18.87
877-5361	22 AWG Green	£18.87
877-5377	22 AWG Grey	£18.87
877-5373	22 AWG Orange	£18.87
877-5355	22 AWG Red	£18.87
877-5386	22 AWG Violet	£18.87
877-5367	22 AWG White	£18.87
877-5370	22 AWG Yellow	£18.87
877-5311	24 AWG Black	£15.24
877-5327	24 AWG Blue	£15.24
877-5320	24 AWG Brown	£15.24
877-5342	24 AWG Orange	£15.24
877-5323	24 AWG Red	£15.24
877-5336	24 AWG White	£15.24
877-5288	26 AWG Black	£14.75
877-5294	26 AWG Blue	£14.75
877-5282	26 AWG Brown	£14.75
877-5308	26 AWG Green	£14.75
877-5314	26 AWG Grey	£14.75
877-5305	26 AWG Orange	£14.75
877-5291	26 AWG Red	£14.75
877-5317	26 AWG Violet	£14.75
877-5298	26 AWG White	£14.75
877-5301	26 AWG Yellow	£14.75
877-5257	28 AWG Black	£9.92
877-5263	28 AWG Blue	£9.92
877-5254	28 AWG Red	£9.92

H05Z-K 0.75MM² WIRE

- Designed for pipes/ducts and internal wiring of appliances
- Low smoke zero halogen (LSZH) so ideal where smoke and toxic fumes may cause a threat to life or equipment
- Class 5 flexible copper conductor with flexible fine stranded core
- Max operating temperature +90°C
- Supplied on 100m reel

**KYNAR™ WRAPPING WIRE 50M**

- Silver-plated copper solid conductor with Kynar™ insulation.
- Voltage rating 150Vrms
- Temperature range: -20°C to +130°C
- Resists run back when soldering
- CSA 0.05mm² and an outer diameter of 0.5 mm



209-4833 Green	£9.54
209-4811 Red	£9.73

2491X EQUIPMENT / PANEL WIRE

- A plain copper stranded conductor covered by a PVC insulated sheath
- Intended for use with electrical power, lighting and internal wiring
- Flexible class 5 conductor to BS6004
- Harmonised code H05V-K, BASEC approved
- Supplied on 100m reels

836-0763 Black	£19.98
836-0767 Blue	£19.98
836-0776 Brown	£19.98
836-0779 Dark Blue	£19.98
836-0773 Green/Yellow	£19.98
836-0782 Grey	£19.98
836-0785 Red	£19.98
836-0789 White	£19.98

H07Z-K 6701B FLEXIBLE WIRE

- Designed for pipes/ducts and internal wiring of appliances
- Low smoke zero halogen (LSZH) so ideal where smoke and toxic fumes may cause a threat to life or equipment
- Class 5 flexible copper conductor with flexible fine stranded core
- Max operating temperature +90°C
- Supplied on 100m reel



361-585	0.5mm ² Blue	£14.06
361-579	0.5mm ² Black	£14.06
361-614	0.5mm ² Red	£14.06
361-658	0.75mm ² Blue	£16.08
361-642	0.75mm ² Black	£16.08
361-686	0.75mm ² Red	£16.08
361-793	1.5mm ² Blue	£31.62
361-787	1.5mm ² Black	£31.62
361-800	1.5mm ² Brown	£31.62
361-816	1.5mm ² Green/Yellow	£31.62
361-822	1.5mm ² Red	£31.62
361-721	1mm ² Blue	£22.95
361-715	1mm ² Black	£22.95
361-759	1mm ² Red	£22.95
361-866	2.5mm ² Blue	£47.29
361-850	2.5mm ² Black	£47.29
544-1793	2.5mm ² Green/Yellow	£47.29

TINNED COPPER WIRE

- Tinned annealed solid copper wire on plastic reels
- Manufactured to BS4109
- Suitable for use as rewirable fuse links, shorting links, etc.
- 200g reel so length varies depending on gauge



355-085	24swg 0.245mm ² 91.3m	£6.09
355-079	22swg 0.397mm ² 50.9m	£6.34
355-063	20swg 0.652mm ² 34.6m	£6.26
355-057	18swg 1.167mm ² 20.2m	£6.34
355-041	16swg 1.308mm ² 11.4m	£6.12

UL 1430 HOOK-UP WIRE 300V

- Used for internal wiring of electronic and electrical equipment
- Stranded tinned copper conductor with XLPVC insulation
- Various colours and AWG
- Standards UL758, UL1581
- Supplied on 100m reels



873-9967	22 AWG Black	£15.11
873-9973	22 AWG Blue	£15.11
873-9961	22 AWG Brown	£15.11
873-9986	22 AWG Green	£15.11
873-9992	22 AWG Grey	£15.11
873-9983	22 AWG Orange	£15.11
873-9970	22 AWG Red	£15.11
873-9995	22 AWG Violet	£15.11
873-9977	22 AWG White	£15.11
873-9989	22 AWG Yellow	£15.11
873-9936	24 AWG Black	£11.02
873-9942	24 AWG Blue	£11.02
873-9955	24 AWG Grey	£8.26
873-9933	24 AWG Red	£11.02
873-9958	24 AWG Yellow	£11.02
873-9898	26 AWG Black	£9.91
873-9905	26 AWG Blue	£7.44
873-9923	26 AWG Grey	£4.50
873-9920	26 AWG Orange	£7.44
873-9901	26 AWG Red	£7.44
873-9911	26 AWG Yellow	£7.44
873-9872	28 AWG Blue	£5.77
873-9879	28 AWG Red	£5.77
873-9876	28 AWG White	£3.51
873-9888	28 AWG Yellow	£5.77

SINGLE CORE CABLE

UL 1431 HOOK-UP WIRE 600V

- Used for internal wiring of electronic and electrical equipment.
- Stranded tinned copper conductor with XLPVC insulation.
- Various colours and AWG.
- Standards UL758, UL1581.
- Supplied on 100m reels.



TRI-RATED CABLE

- A tinned copper stranded conductor covered with a PVC sheath.
- Suitable for internal connectors in equipment, motor starters and controllers.
- Also designed for use in switch control, relay and instrumentation panels for power and switchgear.
- Maximum operating temperature 90°C (105°C for 15,000 hours) to BS6231.
- Manufactured to BS6231 (UK), CSA/TEW (Canada) and UL style 1015, 1028 or 1283 according to cable size (USA) and are marked accordingly.
- Reel length 100m.



803-4095	0.5mm ² Black	£9.15	811-1442	4.0mm ² Black	£57.87
803-4098	0.5mm ² Blue	£9.15	811-1436	4.0mm ² Blue	£57.87
906-2694	0.5mm ² Dark blue	£9.97	811-1451	4.0mm ² Brown	£57.87
815-6722	0.5mm ² Green	£9.15	906-2713	4.0mm ² Dark blue	£57.87
803-4105	0.5mm ² Red	£9.15	815-8627	4.0mm ² Green	£57.87
803-4118	0.5mm ² White	£9.15	811-1445	4.0mm ² Green/yellow	£57.87
803-4115	0.5mm ² Yellow	£9.15	811-1458	4.0mm ² Grey	£57.87
803-4130	0.75mm ² Black	£12.89	815-8609	4.0mm ² Light Blue	£57.87
803-4133	0.75mm ² Blue	£12.89	815-8618	4.0mm ² Orange	£57.87
803-4137	0.75mm ² Brown	£12.89	811-1448	4.0mm ² Red	£57.87
906-2704	0.75mm ² Dark blue	£14.19	815-8615	4.0mm ² Violet	£57.87
815-6726	0.75mm ² Green	£12.89	815-8624	4.0mm ² White	£57.87
803-4159	0.75mm ² Green/yellow	£12.89	811-1454	4.0mm ² Yellow	£57.87
803-4143	0.75mm ² Grey	£12.89	811-1470	6.0mm ² Black	£77.25
803-4149	0.75mm ² Red	£12.89	811-1476	6.0mm ² Blue	£77.25
803-4152	0.75mm ² White	£12.89	811-1489	6.0mm ² Brown	£77.25
803-4177	1.0mm ² Black	£14.80	906-2717	6.0mm ² Dark blue	£77.25
803-4196	1.0mm ² Blue	£14.80	815-8649	6.0mm ² Green	£77.25
803-4171	1.0mm ² Brown	£14.80	811-1473	6.0mm ² Green/yellow	£77.25
906-2707	1.0mm ² Dark blue	£16.77	811-1464	6.0mm ² Grey	£77.25
815-6735	1.0mm ² Green	£14.80	815-8621	6.0mm ² Light blue	£77.25
803-4174	1.0mm ² Green/yellow	£14.80	815-8630	6.0mm ² Orange	£77.25
803-4199	1.0mm ² Grey	£14.80	815-8633	6.0mm ² Pink	£77.25
803-4193	1.0mm ² Orange	£14.80	811-1467	6.0mm ² Red	£77.25
874-0090	22 AWG Black	£15.96	803-4183	1.0mm ² Red	£14.80
874-0107	22 AWG Blue	£15.96	803-4203	1.0mm ² Violet	£14.80
874-0100	22 AWG Brown	£11.97	803-4180	1.0mm ² White	£14.80
874-0119	22 AWG Green	£15.96	803-4187	1.0mm ² Yellow	£14.80
874-0125	22 AWG Grey	£11.97	803-4216	1.5mm ² Black	£21.50
874-0122	22 AWG Orange	£11.97	803-4219	1.5mm ² Blue	£21.50
874-0103	22 AWG Red	£15.96	803-4225	1.5mm ² Brown	£21.50
874-0129	22 AWG Violet	£11.97	906-2701	1.5mm ² Dark blue	£24.02
874-0116	22 AWG White	£15.96	815-6732	1.5mm ² Green	£21.52
874-0113	22 AWG Yellow	£11.97	803-4247	1.5mm ² Green/yellow	£21.50
874-0068	24 AWG Black	£12.36	803-4238	1.5mm ² Grey	£21.50
874-0074	24 AWG Blue	£12.36	803-4228	1.5mm ² Red	£21.50
874-0071	24 AWG Red	£12.36	803-4222	1.5mm ² White	£21.50
874-0078	24 AWG White	£4.41	803-4250	2.5mm ² Black	£32.20
874-0037	26 AWG Black	£8.04	803-4256	2.5mm ² Blue	£32.20
874-0030	26 AWG Brown	£3.39	803-4269	2.5mm ² Brown	£32.20
874-0040	26 AWG Green	£3.39	815-6741	2.5mm ² Green	£32.24
874-0034	26 AWG Red	£8.04	803-4278	2.5mm ² Green/yellow	£32.20
874-0059	26 AWG Yellow	£3.39	803-4275	2.5mm ² Grey	£32.20
874-0009	28 AWG Brown	£3.63	803-4262	2.5mm ² Red	£32.20
874-0002	28 AWG Red	£3.04	803-4244	2.5mm ² White	£32.20
			906-2723	25.0mm ² Dark blue	£372.19
			815-8645	25.0mm ² Green/yellow	£328.50

FLEXIBLE SWITCHGEAR CABLE - TYPE BK

- Plain copper stranded conductor covered with a PVC sheath
- Intended for wiring of control and instrument panels, metering equipment and industrial plant wiring
- Voltage rating 600V
- Supplied on 25m reel unless otherwise stated

**SILICONE RUBBER TEST LEAD WIRE 500V RATING**

- High quality 4mm test leads to be assembled to any desired length
- Uses silicon for flexibility and high temperature
- Ideal for use with high currents
- Supplied in varying reel sizes



359-172	4mm ² Green/yellow 100m	£118.31
516-7906	6mm ² Black	£2748
516-7956	6mm ² Green/yellow	£2748
516-7934	6mm ² Red	£2748
516-7962	10mm ² Black	£42.99
516-8000	10mm ² Green/yellow	£42.99
516-7984	10mm ² Red	£42.99
516-8016	16mm ² Black	£6749
516-8050	16mm ² Green/yellow	£6749
516-8066	25mm ² Black	£107.76

748-2033	0.25mm ² Black 25m	£14.98
748-2027	0.5mm ² Red 25m	£14.98
748-2020	0.75mm ² Black 25m	£31.28
748-2024	0.75mm ² Red 25m	£31.28
748-1964	1mm ² Red 5m	£9.47
748-1995	2.5mm ² Red 5m	£13.43
748-1998	2.5mm ² Black 5m	£13.43
748-1992	2.5mm ² Blue 5m	£13.17
748-2005	2.5mm ² Yellow 5m	£13.17

FLEXIBLE SWITCHGEAR CABLE - TYPE BR

- Plain copper stranded conductor covered with a PVC sheath
- Intended for wiring of control and instrument panels, metering equipment and industrial plant wiring
- Voltage rating 1kVdc, 600Vac
- Supplied on 25m reel

**SILICONE RUBBER TEST LEAD WIRE 2KV RATING**

- High quality 4mm test leads to be assembled to any desired length
- Uses synthetic rubber insulation for high voltages
- 1mm² CSA
- Supplied on 25m reels



919-5558	16mm ² Blue	£65.74
919-5567	16mm ² Black	£65.74
919-5560	16mm ² Red	£65.74
919-5564	16mm ² Yellow	£65.74
919-5573	25mm ² Blue	£105.25
919-5576	25mm ² Black	£105.25
919-5589	25mm ² Red	£105.25

748-2014	Black	£17.46
748-2018	Red	£17.46

THERMOCOUPLE CABLE

IEC GLASS FIBRE FLAT PAIR THERMOCOUPLE CABLES

- Thermocouple types K, J or N
- Tolerance Class 2 to IEC-584
- Insulation rating -60°C to 350°C (short periods up to 400°C)
- Colour code (cores & jacket) to IEC-584-3



827-6062	Type J 1/0.315 mm 25m	£10.64
827-6066	Type K 1/0.2 mm 25m	£12.36
827-6075	Type K 1/0.508 mm 25m	£18.66
827-6078	Type K 1/0.508 mm 50m	£36.73
827-6072	Type K 7/0.2 mm 25m	£26.18
827-6081	Type N 1/0.315 mm 25m	£14.55
827-6084	Type N 7/0.2 mm Steel Braided 10m	£15.82
827-5707	Type K Extension 1/0.3 mm 25m	£33.00
827-5700	Type K Extension 1/0.3 mm 50m	£56.33
827-5704	Type K Extension 7/0.2 mm 25m	£72.00
827-5713	Type K Extension 7/0.2 mm 50m	£126.67

IEC PFA INSULATED FLAT PAIR TYPE T EXTENSION CABLE

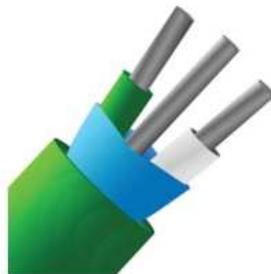
- Single pair of solid conductors
- PFA extruded construction making it easier to work than the PTFE alternative
- Tolerance class 1 for optimum accuracy
- Temperature rating -75 to +250°C
- 7/0.2 mm on 50 m reel



611-8040 £6756

IEC SCREENED THERMOCOUPLE EXTENSION CABLE - TYPE K

- PVC insulated & colour coded to BS4937 PT30
- 7/0.2 mm twisted cores & screened construction for reduced electrical noise
- Available in 25 & 100 metre lengths (example is 100 m)
- Insulation rating -10°C to 105°C



ANSI SCREENED THERMOCOUPLE EXTENSION CABLE - TYPE K

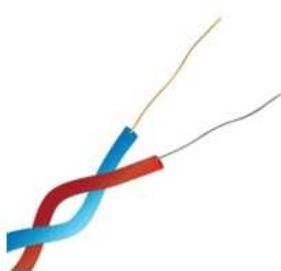
- Designed with twisted cores & screened construction for lowered electrical noise
- Good quality general purpose cables, both highly waterproof and flexible
- 7/0.2 mm strands
- Available in 25, 100 & 200 m lengths



814-0068	25m	£27.66
814-0077	100m	£111.10
814-0070	200m	£203.68

ANSI PFA TWISTED PAIR TYPE T THERMOCOUPLE CABLES

- PFA Teflon insulated
- Suitable for extending or assembling basic thermocouples
- Strong, highly flexible and resistant to acids, oils and other harmful substances
- Temperature rating -75 to +260°C



814-0096	1/0.2 mm 25m	£6.67
814-0080	1/0.3 mm 25m	£7.55
814-0092	1/0.3 mm 100m	£30.30

IEC PFA TWISTED PAIR TYPE T THERMOCOUPLE CABLES

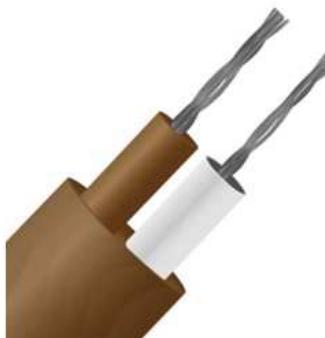
- PFA Teflon insulated
- Suitable for extending or assembling basic thermocouples
- Strong, highly flexible and resistant to acids, oils and other harmful substances
- Temperature rating -75 to +260°C



827-5943	1/0.315 mm 25m	£6.91
827-5946	1/0.315 mm 50m	£12.36
827-5940	1/0.508 mm 25m	£12.73
827-5959	1/0.508 mm 50m	£22.73
827-5952	7/0.2 mm 25m	£21.82

IEC PFA INSULATED TWISTED PAIR TYPE T THERMOCOUPLE CABLES

- PFA insulated flat pair thermocouple cables
- Strong, highly flexible and resistant to acids, oils and other harmful substances
- Temperature rating -75 to +260°C
- Available in different reel lengths



827-5971	1/0.3 mm 25m	£11.46
827-5974	1/0.3 mm 50m	£23.27
827-5978	1/0.5 mm 25m	£31.09
827-5987	1/0.5 mm 50m	£52.73

IEC PTFE TWIN TWISTED PAIR THERMOCOUPLE CABLES

- PTFE twin twisted pair for extending or making simple thermocouples suitable for steam & pressure applications, autoclaves and sterilizers
- Single pair of PTFE insulated conductors twisted together
- Thermocouple types J, T, K & N
- Good mechanical strength and flexibility, resistant to oils, acids and other adverse fluids
- 25 & 50 metre reel lengths



827-5980	Type J 1/0.2 mm 25m	£16.00
827-5993	Type J 1/0.315 mm 25m	£26.92
827-5996	Type J 1/0.315 mm 50m	£52.02
827-5990	Type J 1/0.508 mm 25m	£23.64
827-6003	Type J 1/0.508 mm 50m	£41.82
827-6006	Type J 7/0.2 mm 25m	£23.40
827-6000	Type K 1/0.315 mm 25m	£18.55
827-6019	Type K 1/0.315 mm 50m	£36.36
827-6025	Type K 7/0.2 mm 25m	£56.36
827-6034	Type N 7/0.2 mm 25m	£45.82
827-6038	Type K 1/0.315 mm 25m, insulated	£31.64
827-6047	Type K 1/0.315 mm 50m, insulated	£60.36
827-6040	Type T 1/0.508 mm 25m, insulated	£36.36
827-6044	Type T 1/0.508 mm 50m, insulated	£83.64

CURLY THERMOCOUPLE LEADS WITH PLUG

- IEC standard
- 2 m long
- Operating temperature -25°C to +125°C



827-6056	Type K	£5.50
827-6050	Type T	£7.31

THERMOCOUPLE EXTENSION LEADS

- A range of thermocouple extension type K available with a miniature IEC connector
- The thermocouple extension leads are available in 2m or 5m lengths



768-6581	Type K 2m Miniature Connectors	£16.88
768-6585	Type K 5m Miniature Connectors	£21.27

IEC PVC FLAT PAIR THERMOCOUPLE CABLES - TYPE J

- Insulated flat pair extension and compensating cables
- Stranded conductors: 7/0.2 mm
- Insulation rating: 10°C to 105°C

IEC PVC FLAT PAIR THERMOCOUPLE CABLES - TYPE K

- Insulated flat pair extension and compensating cables
- Stranded conductors available, either 7/0.2 mm or 13/0.2 mm
- Insulation rating: 10°C to 105°C



827-5609	Compensation 7/0.2 mm 10m	£8.17
827-5603	Compensation 7/0.2 mm 50m	£27.01
827-5612	Compensation 7/0.2 mm 200m	£96.37
827-5621	Compensation 13/0.2 mm 10m	£11.68
827-5625	Compensation 13/0.2 mm 25m	£23.65
827-5634	Compensation 13/0.2 mm 50m	£43.81
827-5615	Extension 7/0.2 mm 10m	£14.60
236-3820	Extension 7/0.2 mm 25m	£30.59
827-5619	Extension 7/0.2 mm 50m	£62.70
827-5678	Screened Extension 7/0.2 mm 10m	£16.00
236-3864	Screened Extension 7/0.2 mm 25m	£32.01
827-5671	Screened Extension 7/0.2 mm 50m	£63.33
827-5690	Type VX Compensating 7/0.2 mm 10m	£12.67
236-3959	Type VX Compensating 7/0.2 mm 25m	£25.71
827-5693	Type VX Compensating 7/0.2 mm 50m	£46.67



827-5592	Extension 7/0.2 mm 25m	£14.61
827-5596	Extension 7/0.2 mm 50m	£31.90
236-3915	Extension 7/0.2 mm 100m	£50.47
827-5606	Extension 7/0.2 mm 200m	£67.23
827-5665	Screened Extension 7/0.2 mm 10m	£15.33
236-3921	Screened Extension 7/0.2 mm 25m	£24.50

IEC PVC FLAT PAIR THERMOCOUPLE CABLES - TYPE N

- Insulated flat pair extension and compensating cables
- Stranded conductors: 7/0.2 mm
- Insulation rating: -10°C to 105°C



827-5637	Extension 7/0.2 mm 25m	£27.01
827-5631	Extension 7/0.2 mm 50m	£50.61
827-5640	Extension 7/0.2 mm 100m	£101.20

THERMOCOUPLE CABLE

IEC PVC FLAT PAIR THERMOCOUPLE CABLES - TYPE R/S

- Insulated flat pair extension and compensating cables
- Stranded conductors: 7/0.2 mm
- Insulation rating: -10°C to 105°C



827-5643	Compensation 13/0.2 mm 25m	£23.37
827-5647	Compensation 13/0.2 mm 50m	£40.89
827-5656	Compensation 7/0.2 mm 10m	£10.22
827-5659	Compensation 7/0.2 mm 50m	£27.01

IEC PVC FLAT PAIR THERMOCOUPLE CABLES - TYPE T

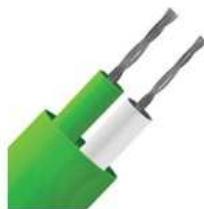
- All round general purpose cable, both waterproof and very flexible
- Tolerance Class 2
- Insulation rating -10°C to 105°C
- Colour code (cores & jacket) to IEC-584-3
- Extension 7/0.2 mm 50 m



827-5653		£29.70
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IEC PFA FLAT PAIR INSULATED THERMOCOUPLE EXTENSION CABLES

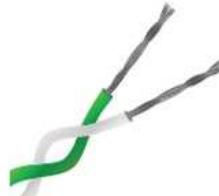
- Strong, highly flexible and resistant to acids, oils and other harmful substances
- Available in different reel lengths and thermocouple types K, J, T & N
- Temperature range -75°C to +260°C



827-5716	Type KX 7/0.2 mm 10m	£25.00
611-7980	Type KX 7/0.2 mm 25m	£45.22
611-8006	Type KX 7/0.2 mm 50m	£86.53
827-5710	Type KX 7/0.2 mm 100m	£180.00
827-5729	Type KX 1/0.3 mm 10m	£15.90
827-5726	Type KX 1/0.3 mm 100m	£99.00
827-5735	Type TX 7/0.2 mm 10m	£21.00
827-5738	Type TX 7/0.2 mm 100m	£146.67
827-5732	Type JX 7/0.2 mm 10m	£19.33
827-5744	Type NX 7/0.2 mm 10m	£30.00

IEC PFA TWISTED PAIR THERMOCOUPLE EXTENSION CABLES

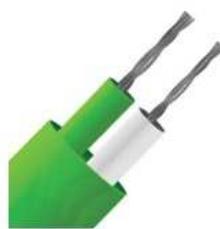
- Strong, highly flexible and resistant to acids, oils and other harmful substances
- Available in different reel lengths and thermocouple types K, T & N
- Temperature range -75°C to +260°C



827-5757	Type KX 7/0.2 mm 10m	£21.30
827-5750	Type KX 7/0.2 mm 25m	£47.40
611-7930	Type KX 7/0.2 mm 50m	£122.81
827-5754	Type KX 7/0.2 mm 100m	£180.00
827-5763	Type KX 1/0.2 mm 10m	£10.33
827-5766	Type KX 1/0.2 mm 25m	£17.00
827-5760	Type NX 1/0.2 mm 10m	£13.67
827-5779	Type TX 1/0.2 mm 10m	£9.33

IEC PTFE INSULATED FLAT PAIR THERMOCOUPLE EXTENSION CABLES

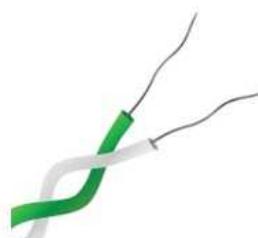
- Good mechanical strength and flexibility, resistant to oils, acids and other adverse fluids
- Suitable for steam & pressure applications, autoclaves and sterilisers
- Temperature range -75°C to +260°C
- 10, 25 & 50 metre reel lengths



236-3858	Type KX 7/0.2 mm 25m	£76.18
827-5785	Type KX 7/0.2 mm 50m	£145.00
827-5782	Type TX 7/0.2 mm 50m	£156.67
827-5794	Type TX 1/0.3 mm 50m	£91.67
827-5798	Type JX 7/0.2 mm 10m	£30.00
827-5808	Type JX 7/0.2 mm 50m	£136.67

IEC PTFE TWISTED PAIR THERMOCOUPLE EXTENSION CABLES

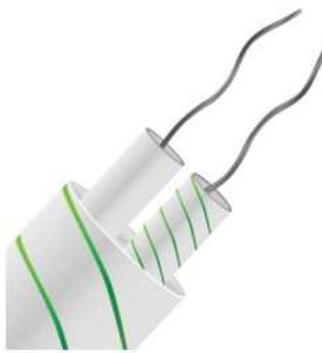
- Good mechanical strength and flexibility, resistant to oils, acids and other adverse fluids
- Suitable for steam & pressure applications, autoclaves and sterilisers
- Temperature range -75°C to +260°C



827-5801	Type KX 1/0.2 mm 10m	£15.00
827-5805	Type KX 1/0.2 mm 50m	£59.66
827-5814	Type KX 1/0.2 mm 100m	£91.50
827-5820	Type TX 1/0.2 mm 100m	£96.00

IEC GLASS FIBRE INSULATED FLAT PAIR THERMOCOUPLE CABLES

- Tolerance Class 2 to IEC-584
- Insulation rating -60°C to 350°C (short periods up to 400°C)
- Colour code (cores & jacket) to IEC-584-3
- Temperature range -60°C to +350°C
- Options with stainless steel overbraid



236-3836	Type KX 1/0.3 mm 25m	£25.69
827-5833	Type KX 1/0.3 mm 50m	£54.67
827-5842	Type KX 1/0.3 mm 100m	£87.90
827-5845	Type KX 1/0.3 mm 200m	£183.33
827-5849	Type TX 1/0.3 mm 25m	£9.33
827-5858	Type TX 1/0.3 mm 50m	£37.67
827-5851	Type JX 7/0.2 mm 10m	£15.67
827-5864	Type JX 7/0.2 mm 100m	£95.67
236-3842	Type KX 7/0.2 mm 25m Stainless Overbraid	£55.97
827-5867	Type KX 7/0.2 mm 50m Stainless Overbraid	£116.67
827-5861	Type KX 7/0.2 mm 100m Stainless Overbraid	£230.00
827-5870	Type JX 7/0.2 mm 10m Stainless Overbraid	£24.00
236-3937	Type JX 7/0.2 mm 25m Stainless Overbraid	£60.77
827-5873	Type JX 7/0.2 mm 50m Stainless Overbraid	£103.33
827-5877	Type JX 7/0.2 mm 100m Stainless Overbraid	£183.33

ANSI PFA FLAT PAIR TYPE K THERMOCOUPLE EXTENSION CABLES

- Single pair of PFA insulated conductors, laid flat with PFA jacket
- Good mechanical strength and flexibility, resistant to oils, acids and other adverse fluids
- 7/0.2 mm stranded conductors
- Insulation rating -75°C to 260°C
- Colour code (cores & jacket) to ANSI MC96.1



814-0119	25m	£48.35
814-0128	50m	£87.02
814-0121	100m	£158.23

FUSES, SOCKETS & CIRCUIT BREAKERS



296 ELECTRICAL SOCKETS

298 JUNCTION BOXES

299 FUSES & FUSE HOLDERS

RS PRO is the only global brand that gives you every part you need across five industry categories at the quality and price you expect.

rspro.com



EARTH CLAMP

- Offers simple and efficient earthing of radiators and structural steelwork
- Excellent wear resistance



426-3132	Brass earth clamp	£16.92
390-2448	Stainless Steel earth clamp	£10.40

DUAL GANG SWITCHED 13A AND USB SOCKETS

- On/Off switch for USB socket isolation
- Suitable for direct connection to ring final circuit
- Manufactured to BS1363, EN60950 standards
- Suitable for retrofit and new installation



117-6087	Moulded	£12.22
117-6088	Metalclad	£15.01

OUTDOOR ELECTRICAL SOCKET

- Designed to protect the potentially dangerous electricity supply in the most arduous of conditions
- Colour coded terminals with backed out captive screws
- Covers to seal the fixing screws
- Earth terminal in mounting box
- All cable entries in the 4 sides have removable blanking caps
- Cover will stay open to allow for easy access to sockets



699-7086	1 Gang	£11.05
699-7092	2 Gang	£15.91
699-7102	2 Gang RCD	£42.18

STEEL METALCLAD SWITCHED ELECTRICAL SOCKET

- ASTA approved
- Manufactured to BS1363
- Manufactured from mild steel
- Ideal for industrial, commercial and workshop applications



SINGLE GANG IP66 CONNECTION UNIT

- Angled colour coded terminals
- Flexible membrane allows switching without opening unit
- Visible indication of power status through see-through cover
- Lockable cover



SINGLE GANG WEATHERPROOF FUSED CONNECTION UNIT

- Enclosure provides protection to IP67
- Twin earth terminal
- RCD status indication
- Conforms to BS5733, BS7288, BSEN60529



METALCLAD SURFACE BOXES

- 1 or 2 gang surface mount metal back boxes



361-1984	2 gang	£2.12
361-1962	1 gang	£1.66

METALCLAD RCD FUSED CONNECTION UNIT

- Dual Earth Terminals
- Conforms to BS7288:1990 & BS1363
- Mechanically latched, no need to reset after power loss
- Designed to provide protection against the risk of electrocution and fire hazards
- Conforms to BS7288: 1990 and BS1363



METALCLAD 13A FUSED CONNECTION UNITS

- Single gang units manufactured from mild steel
- Fuse carrier can be locked open to ensure isolation under maintenance
- Ideal for industrial, commercial and workshop applications
- Conforms to BS5733



768-3510	Unswitched	£4.83
768-3514	Switched	£5.95

2 GANG IP66 POLYCARBONATE RCD SOCKET

- Socket is prewired with 3m of 3 core 1.25mm² black flex to BS6500, the end of cable is prepared for wiring direct to the RCD plug
- Cover will stay open to allow for easy access to sockets
- RCD plug is non latching type
- Suitable for temporary installation only
- Latched type, 30mA trip current, 40ms trip



699-7105

£27.68

2 GANG METALCLAD RCD UNSWITCHED SOCKET

- Dual Earth Terminals
- Conforms to BS7288:1990 & BS1363
- Mechanically latched, no need to reset after power loss



687-7320

£29.09

SURFACE PATTERNS BACK BOXES

- White plastic surface pattern boxes
- Choice of single or double gang



775-8107 Surface pattern back box 1 gang 28mm

£0.55

775-8116 Surface pattern back box 2 gang 28mm

£0.84

MINI PVC TRUNKING BOXES

- Mini trunking surface boxes with knockouts in white PVC are robust and heavy duty
- Designed to match white mini PVC trunking



917-1615 2 Gang

£3.02

IP67 IEC309 PANEL SOCKET

- IP67 protected BS4343 format panel mounting socket
- With a flip-up cap for extra protection
- Matching plugs available - see page 171



410-393 16A 110V 2P+E IP67 £13.75

410-359 16A 230V 2P+E IP67 £13.80

410-397 16A 400V 3P+E IP67 £14.10

410-347 16A 400V 3PN+E IP67 £17.20

410-321 32A 230V 2P+E IP67 £17.66

410-353 32A 400V 3PN+E IP67 £22.86

IP44 IEC309 PANEL SOCKET

- IP44 protected BS4343 format panel mounting socket
- With a flip-up cap for extra protection
- Matching plugs available - see page 171



464-1611 2P+E 16A 110V £9.10

464-1627 2P+E 16A 230V £7.85

464-1633 2P+E 32A 230V £11.50

464-1649 3P+E 16A 400V £9.30

464-1655 3P+N+E 16A 400V £10.35

464-1661 3P+N+E 32A 400V £12.87

BS4343 / IEC309 WALL & TRAILING SOCKETS

- Surface mounting enclosed sockets with glanded cable entries sealed to IP44
- Ready to use trailing sockets (IP44) with 2m industrial cable to same rating plug



410-246 2 Gang wall Socket 110V 16A 2P+E £59.93

410-050 2 Gang wall Socket 230V 16A 2P+E £58.20

410-129 2 Gang wall Socket 415V 16A 3P+E £64.71

410-123 2 Gang wall Socket 415V 16A 3PN+E £66.42

410-113 3 Gang trailing socket 110V 16A 2P+E £84.39

410-163 3 Gang trailing socket 230V 16A 2P+E £86.93

410-167 3 Gang trailing socket 415V 16A 3P+E £94.76

410-157 3 Gang trailing socket 415V 16A 3PN+E £96.88

JUNCTION BOXES

STAINLESS STEEL IP66 JUNCTION BOX

- 316 (A4) grade stainless steel
- IP66 rated
- Designed for housing DIN rail terminals



758-7046	300x150x80mm	£49.00
758-7052	200x200x80mm	£86.56
758-7059	175x175x120mm	£85.12

STAINLESS STEEL IP66 JUNCTION BOX

- 316 (A4) grade stainless steel
- IP66 Sealed
- M6 multiple DIN rail fixing points
- External M6 earthing stud
- Operating temperature -20°C to +110°C



749-1872	300x120x300mm	£170.00
749-1860	300x150x80mm	£118.14
749-1863	300x200x80mm	£144.00
749-1876	300x300x120mm	£165.39

STEEL IP66 GREY JUNCTION BOX

- Simple wall mounting all-welded body enclosure
- 2.6mm gauge steel wall brackets
- RAL 7032
- 1.4mm wall thickness



122-103	150x150x80mm	£1756
122-096	200x200x120mm	£22.18
122-131	300x200x80mm	£26.33
122-030	300x200x120mm	£24.64
122-052	300x300x120mm	£29.92
122-046	400x200x120mm	£31.07
122-068	400x300x120mm	£32.74

POWDER COATED JUNCTION BOX

- Mild steel junction box protected to IP65
- Powder coated to Grey RAL 7032
- Hinged door and window
- Enclosure has cover with sealing gasket and fixing accessories
- 1.4 mm wall thickness



842-8487	150x150x80mm	£24.28
842-8481	150x150x120mm	£26.31
842-8490	150x300x80mm	£29.82
842-8497	200x200x120mm	£31.44
842-8507	200x300x120mm	£39.98
842-8500	300x300x120mm	£42.56

IP66 JUNCTION BOX

- Multiple knockout - 1 on rear and three sides, 2 on one side
- 5 pole terminal block
- 10mm² wire capacity



699-7118		£740
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MILD STEEL IP66 JUNCTION BOX

- High IP index achieved by all-round knife edges against which an expanded PU seal is pressed
- 1.4mm wall thickness
- Powder coated to Grey RAL 7032
- Simple wall mounting with 2.6mm gauge steel wall brackets



842-8308		£18.16
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STAINLESS STEEL IP66 TERMINAL BOXES

- Constructed from 1.2mm AISI 304 (A2) grade stainless steel
- Lids with black neoprene gasket and 4 x M6 captive hexagon headed screws
- Multiple M5 DIN rail fixing points
- External M6 earthing stud
- Operating temperature -20°C to +110°C
- Designed for housing DIN rail terminals and accessories



842-8330	150x150x80mm	£79.39
842-8327	175x175x120mm	£81.85
842-8314	200x200x80mm	£83.24
842-8336	200x200x120mm	£89.50
842-8311	300x150x80mm	£49.77
842-8318	300x150x120mm	£58.56
842-8302	300x200x80mm	£96.71
842-8320	300x200x120mm	£102.37
842-8333	300x300x120mm	£131.07
842-8324	400x300x120mm	£163.94

MILD STEEL IP66 SEALED TERMINAL BOXES

- Operating temperature -20°C to +110°C
- M5 multiple DIN rail fixing points
- External M6 earthing stud
- IP66 rating
- 150x80x150mm



749-1888		£42.54
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STAINLESS STEEL IP66 SEALED TERMINAL BOXES

- Operating temperature -20°C to +110°C
- M5 multiple DIN rail fixing points
- External M6 earthing stud
- Type 304 Stainless steel
- IP66 rating
- 150x150x80mm



749-1857	Type 304 Stainless	£101.18
749-1854	Type 316 Stainless	£107.44

MINI-BLADE AUTOMOTIVE FUSES

- AST (mini-blade type) terminal automotive fuses equivalent to MIN and ATM fuses
- Voltage rating of 32Vdc
- Used for low voltage applications



563-447	Green 30A 32V	£2.84
563-475	Clear 25A 32V	£2.84
563-485	Red 10A 32V	£2.98
563-536	Tan 5A 32V	£2.84
563-560	Yellow 20A 32V	£2.84
563-570	Blue 15A 32V	£2.75
563-576	Brown 25A 32V	£2.84
563-712	Violet 3A 32V	£2.98
563-716	Pink 4A 32V	£2.84

BLADE AUTOMOTIVE FUSES

- Equivalent to ATO and ATC fuses
- Voltage rating of 32Vdc
- Used for low voltage applications



563-744	Red 10A 32V	£1.60
563-750	Blue 15A 32V	£1.41
563-762	Yellow 20A 32V	£1.41
563-794	Clear 25A 32V	£1.44
563-766	Green 30A 32V	£1.44
563-740	Violet 3A 32V	£1.32
563-778	Tan 5A 32V	£1.65
563-772	Brown 75A 32V	£1.41

BS88 A INDUSTRIAL HRC FUSES

- BS88 format fuse - Type A - with a breaking capacity of 80kA at 415Vac
- Rated at 415Vac/250Vdc
- Electricity Supply Authorities, Lloyd's Register of Shipping Approvals and ASTA 20 certified



521-2523	A1 fuse,20A	£9.91
521-2466	A1 fuse,2A	£8.97
521-2501	A1 fuse,10A	£8.67
521-2517	A1 fuse,16A	£9.10
521-2567	A2 fuse,6A	£12.13
521-2573	A2 fuse,10A	£11.46
521-2589	A2 fuse,16A	£11.46
521-2595	A2 fuse,20A	£11.46
521-2624	A2 fuse,32A	£13.53
521-2630	A3 fuse,40A	£25.39
521-2652	A3 fuse,63A	£25.54
521-2680	A4 fuse,63A	£11.79
521-2703	A4 fuse,100A	£11.19
521-2719	A4 reduced fuse,125A	£18.97

BS88 F INDUSTRIAL HRC FUSES

- BS88 format fuse - Type F - with a breaking capacity of 80kA at 415Vac
- Rated at 415Vac/250Vdc
- Electricity Supply Authorities, Lloyd's Register of Shipping Approvals and ASTA 20 certified



521-2882	F1 fuse,2A	£9.79
521-2898	F1 fuse,4A	£9.82
521-2911	F1 fuse,10A	£9.79
521-2927	F1 fuse,16A	£13.58
521-2933	F1 fuse,20A	£12.33
521-2955	F1 fuse,32A	£15.15
521-2961	F2 fuse,40A	£21.40
521-2977	F2 fuse,50A	£21.97
521-2999	F2 fuse,63A	£25.33

BS88 B INDUSTRIAL HRC FUSES

- BS88 format fuse - Type B - with a breaking capacity of 80kA at 415Vac
- Rated at 415Vac/250Vdc
- Electricity Supply Authorities, Lloyd's Register of Shipping Approvals and ASTA 20 certified



521-2747	B2 fuse,125A	£23.01
521-2753	B2 fuse,160A	£20.93
521-2775	B2 fuse,200A	£21.84
521-2797	B3 fuse,315A	£31.05
521-2781	B3 fuse,250A	£25.60
521-2804	B4 fuse,355A	£42.49
521-3009	B4 fuse,400A	£41.73

FUSES & FUSE HOLDERS

HBC FAST ACTING 5X20MM FUSES WITH LEADS

- Fast acting fuses with leaded fuse caps so that they can be soldered directly into a circuit board without any need for a fuse holder.
- High Breaking Capacity and a ceramic body.
- Sold in packs of 10.



911-3449	1A	£2.20
911-3464	2.5A	£2.20
911-3455	2A	£2.20
911-3467	3.15A	£2.20
911-3461	4A	£2.20
911-3470	5A	£2.20
911-3473	6.3A	£2.20
911-3477	8A	£2.20
911-3486	10A	£2.20

LBC TIME DELAY 6.3X32MM

- Glass tube (LBC) fuses are available in with time delay characteristics which makes them suitable for a variety of different applications.
- Sold in packs of 10.



668-6060	250mA	£3.36
668-6063	500mA	£3.35
668-6067	1A	£2.34
668-6076	1.6A	£2.34
668-6079	2A	£2.34
668-6073	2.5A	£2.34
668-6082	3A	£2.34
668-6085	4A	£2.34
668-6089	5A	£2.34
668-6098	7A	£2.34
668-6091	10A	£2.34

LBC TIME DELAY 5X20MM

- Glass bodied (LBC) fuses in 5x20mm with time delay / anti-surge characteristics.
- Sold in packs of 10.



911-3372	0.5A	£2.10
911-3376	0.63A	£2.10
911-3382	1A	£2.10
911-3385	0.75A	£2.10
911-3388	0.8A	£2.10
911-3391	1.25A	£2.10
911-3394	1.5A	£2.10
911-3398	2A	£2.10
911-3401	2.5A	£2.10
911-3405	3A	£2.10
911-3408	2.25A	£2.10
911-3411	4A	£2.10
911-3414	3.15A	£2.10
911-3417	3.5A	£2.10
911-3420	4.5A	£2.10
911-3423	5A	£2.10
911-3427	6A	£2.10
911-3433	7.5A	£2.20
911-3436	6.3A	£2.20
911-3439	7A	£2.20
911-3442	8A	£2.20
911-3445	10A	£2.20

LBC FAST ACTING 6.3X32MM

- Glass tube (LBC) fuses are available in with quick acting characteristics which makes them suitable for a variety of different applications.
- Sold in packs of 10.



668-6026	250mA	£1.78
668-6029	500mA	£1.73
668-6023	1A	£1.50
668-6032	1.5A	£1.35
668-6035	2A	£1.50
668-6039	2.5A	£1.50
668-6048	3A	£1.50
668-6041	4A	£1.50
668-6045	5A	£1.50
668-6054	7A	£1.50
668-6057	10A	£1.50

HBC FF QUICK ACTING 6.3X32MM

- HBC ceramic bodied fuses with ultra rapid (FF) characteristic.
- Ultra rapid (FF) ceramic fuses ideally suited for use with power semiconductor applications such as amplifiers.



721-1563	0.5A	£14.26
721-1572	1A	£14.26
420-151	1.6A	£19.02
420-167	2A	£19.02
721-1575	2.5A	£14.26
420-173	3.15A	£19.02
721-1579	4A	£14.26
420-189	5A	£14.74
420-195	6.3A	£15.59
420-202	8A	£19.59
420-218	10A	£20.71
420-224	12.5A	£20.48
420-230	16A	£10.64

LBC FAST ACTING 5X20MM

- Professional range of glass bodied fast blow fuses available in a variety of current ratings
- Ideal for protection of electrical circuits and consumer appliances.
- Breaking capacity @ 250Vac 35A or Fuse rating x10, whichever is the greater

**HBC FAST ACTING 5X20MM**

- Typical applications include short-circuit protection of semiconductors such as thyristors, diodes and triacs
- Good mechanical/vibration characteristics
- Very High breaking capacity ceramic bodies are sand filled
- Note: Values of greater than 6.3A the use of open type fuseholders is recommended, to reduce the risk of nuisance tripping at or near full rated current



668-5950	100mA	£2.53	563-374	100mA	£2.75
668-5953	250mA	£2.50	563-324	250mA	£2.85
668-5957	500mA	£2.37	563-328	500mA	£2.57
668-5966	1A	£1.88	563-378	630mA	£2.71
668-5969	2A	£1.50	563-368	800mA	£2.45
668-5963	3A	£1.50	563-419	1A	£1.93
668-5972	4A	£1.50	563-413	2A	£1.67
668-5975	5A	£1.50	563-564	2.5A	£1.93
668-5979	8A	£1.50	563-441	3.15A	£1.73
			563-346	4A	£1.93
			563-340	5A	£2.02
			563-330	6.3A	£1.93
			413-787	2A, MD2	£17.36
			413-793	4A, MD4	£17.36
			413-800	6A, MD6	£17.36
			413-816	10A, MD10	£17.36
			413-822	16A, MD16	£17.01
			413-838	20A, MD20	£17.36
			413-844	25A, MD25	£21.00
			413-850	32A, MD32	£20.48

LBC QUICK ACTING 5X20MM

- Professional range of glass bodied fast blow fuses available in a variety of current ratings
- Ideal for protection of electrical circuits and consumer appliances.
- Breaking capacity @ 250Vac 35A or Fuse rating x10, whichever is the greater

**HBC TIME DELAY 5X20MM**

- Anti Surge (T) HBC 5x20mm ceramic bodied cartridge fuses with delayed characteristic
- Ideal for applications when surge withstand is required - such as transformer or motor loads
- Breaking capacity 1.5kA @ 250Vac

**HBC FF QUICK ACTING 5X20MM**

- HBC ceramic bodied fuses with ultra rapid (FF) characteristic
- Ultra rapid (FF) ceramic fuses ideally suited for use with power semiconductor applications such as amplifiers.



563-463	500mA	£1.23	563-605	1A	£2.27
563-380	1A	£1.26	563-609	2A	£2.10
563-431	2A	£0.89	563-699	3.15A	£2.16
563-491	3.15A	£1.26	563-396	6.3A	£1.86
563-481	4A	£1.23	563-403	2.5A	£2.06
			563-407	4A	£2.06
			420-066	0.5A	£38.71
			420-072	1A	£10.79
			721-1594	2.5A	£10.44
			420-088	1.6A	£12.60
			420-101	3.15A	£11.12
			420-117	5A	£8.64
			420-123	6.3A	£3.90
			420-139	8A	£12.77
			420-145	10A	£12.80

FUSES & FUSE HOLDERS

HBC TIME DELAY 6.3X32MM

- Ceramic bodied HBC fuses with a time delay characteristic
- Sold in packs of 10



414-027	1A	£5.61
414-033	2A	£5.79
414-049	3.15A	£5.61
414-055	5A	£5.92
414-061	10A	£5.37
209-9305	12.5A	£7.88
209-9311	16A	£7.21
209-9333	20A	£10.80
247-4021	32A	£21.70

GENERAL PURPOSE FUSE KIT - MIXED

- Kit containing HBC & LBC ceramic fuses in 5x20mm, 1.0" BS1363 (25mm) and 6.3x32mm sizes
- 1.0A to 15A - see online for full kit details



FUSE KIT - 5X20MM

- Handy compartmented carry case with 22 different fuse types all in 5x20mm size
- HBC in time delay only - 1, 2, 3.15, 5, 10A
- LBC in fast, time delay and semi-delayed



FUSE KIT - MIXED SIZES

- Robust case with removable compartments
- 90 fuses of various sizes
- Supplied with:
- 5x20mm T1A, T2A, T3.15, F500mA, F1A, F1.6A, F2A, F2.5A, F3.15A, F4A, F5A, F6.3A, F10A
- 6.3x32mm F1A, F2A, F5A, F10A



918-2697 Fuse Kit - 20mm & 32mm £44.29

FUSE KIT - 5X20MM

- Assortment of 360 5x20mm fuses with fast, time-delay or semi-timed action
- 18 compartments of 20 fuses
- Values: 100 mA; 125 mA; 160 mA; 200 mA; 250 mA; 315 mA; 400 mA;
- 500 mA; 630 mA; 800 mA; 1A; 1.25 A; 1.6 A; 2 A; 2.5 A; 3.15 A; 4A; 6.3 A



FUSE KIT 5X20M & 1.0" LBC & HBC

- Mixed fuse kit containing 180pcs (10pcs each current rating):
- 30 x 1.0" (25mm) UK main fuses 3A, 5A, 13A.
- 60 Fast Acting LBC 5x20mm: 500mA, 1A, 1.6A, 2A, 2.5A, 3.15A, 5A.
- 90 Slow Acting LBC 5x20mm: 1A, 1.25A, 1.6A, 2A, 2.5A, 3.15A, 5A, 6.3A, 10A.
- All fuses at a voltage rating of 250V



611-8955 Fuse Kit - 5x20mm £87.80

302

893-8546 Fuse Kit - Mixed size

FUSE KIT - 5X20MM

- Kit contains 180 pcs (10 pcs each Current Rating)
- 90 Fast HBC 5x20mm: 250mA, 500mA, 1A, 1.6A, 2A, 3.15A, 5A, 6.3A and 10A.
- 90 Slow HBC 5x20mm: 0.5A, 1A, 2A, 3.15A, 4A, 5A, 6.3A, 10A and 16A.
- All fuses at a voltage rating of 250V



FUSE KIT - 5X20MM

- Fuse kits in handy segmented box suitable for protection from a variety of different currents
- Kit includes both fast and slow blow glass fuses - 180pcs in total
- 90 Fast Acting LBC 5x20mm: 250mA, 500mA, 1A, 1.6A, 2A, 3.15A, 5A, 6.3A, 10A.
- 90 Slow Blow LBC 5x20mm: 0.5A, 1A, 1.6A, 2A, 3.15A, 5A, 6.3A, 10A, 16A.
- All fuses at a voltage rating of 250V



893-8530 Fuse Kit - 5x20mm £42.94

FUSE KIT - 6.3X32MM - LBC

- This fuse kit contains 180 glass fuses (10pcs each current rating)
- 90 Fast Acting LBC 6.3x32mm: 500mA, 1A, 1.6A, 2.5A, 3A, 5A, 6.3A, 10A, 16A
- 90 Slow Blow LBC 6.3x32mm: 1A, 1.6A, 2A, 3.15A, 5A, 6.3A, 10A, 16A, 20A
- All fuses at a voltage rating of 250V



893-8534 Fuse Kit - LBC 6.3x32mm

£43.45

FUSE KIT - 6.3X32MM - HBC

- This fuse kit contains 180 ceramic fuses (10pcs each current rating)
- 90 Fast Acting HBC: 1A, 2A, 3A, 5A, 6.3A, 10A, 12.5A, 16A, 20A.
- 90 Slow Blow HBC: 0.63A, 1A, 1.6A, 2A, 5A, 6.3A, 10A, 16A, 20A.
- All fuses at a voltage rating of 250V



893-8543 Fuse Kit - HBC 6.3x32mm

£91.15

VERY FAST ACTING AXIAL PCB FUSES

- Very fast acting axial fuses with PCB wire ends
- A convenient and reliable solution to a vast array of application requirements
- Thermoplastic Polyamide bodies



764-9457	125V 0.5A	£1.93
764-9463	125V 1.25A	£0.98
764-9466	125V 0.75A	£1.05
764-9469	125V 1A	£1.00
764-9472	125V 1.5A	£1.85
764-9475	125V 2A	£1.00
764-9479	125V 2.5A	£1.00
764-9481	125V 3.5A	£0.98
764-9485	125V 4A	£0.98
764-9488	125V 3A	£1.00
764-9491	125V 7A	£1.00
764-9494	125V 5A	£1.72
764-9497	125V 6.3A	£2.98
764-9501	125V 10A	£2.98
764-9504	32V 12A	£0.98
764-9508	32V 15A	£1.00

INLINE FUSE HOLDER FOR 5X20MM FUSE

- An in-line fuseholder intended for use at 32V or less with fuses rated up to 20A when the proper spring is installed for fuse size
- Phenolic Resinbody with 16AWG wire



497-6254

£12.09

TIME LAG AXIAL PCB FUSES

- Time delay / anti-surge axial fuses with PCB wire ends
- A convenient and reliable solution to a vast array of application requirements
- Thermoplastic Polyamide bodies
- Sold in packs of 10



764-9517	125V 0.5A	£1.32
764-9510	125V 1A	£2.74
764-9514	125V 1.5A	£1.37
764-9520	125V 3A	£1.32
764-9539	125V 4A	£1.32
764-9532	125V 5A	£1.32

TR5 FORMAT PCB FUSES - TIME DELAY

- TR5 format slow blow / time delay fuses
- Thermoplastic Polyamide bodies
- Sold in packs of 10



767-5169	0.1A	£4.60
767-5178	0.16A	£2.30
767-5187	0.2A	£4.60
767-5171	0.25A	£4.60
767-5175	0.315A	£1.00
767-5184	0.5A	£4.60
767-5140	1A	£3.08
767-5143	1.25A	£2.79
767-5147	1.6A	£2.93
767-5156	2A	£3.08
767-5159	2.5A	£1.50
767-5153	3.15A	£3.08
767-5162	4A	£0.56
767-5165	5A	£2.93

TR5 FORMAT PCB FUSES - FAST ACTING

- TR5 format fast acting fuses for PCB mount
- Thermoplastic Polyamide bodies
- Sold in packs of 10



767-5181	0.1A	£4.60
767-5190	0.2A	£2.30
767-5193	0.25A	£4.60
767-5197	0.315A	£4.60
767-5207	0.5A	£4.60
767-5200	1A	£3.99
767-5204	1.25A	£1.52
767-5213	1.6A	£2.47
767-5216	2A	£2.00
767-5210	2.5A	£2.00
767-5229	3.15A	£3.99
767-5222	4A	£3.80

FUSES & FUSE HOLDERS

3.6 X 10 MM FUSES WITH PIG TAILS

- 3.6 x 10mm fuses are time lag and offer anti-surge protection
- Pig tails so they can be soldered directly onto a circuit board - no fuse holder required
- Smaller ceramic body than common 5x20mm fuse
- Sold in packs of 10



911-3512	250mA	£2.10
911-3521	315mA	£2.10
911-3524	400mA	£2.10
911-3528	500mA	£2.10
911-3537	630mA	£2.10
911-3534	1A	£2.10
911-3543	1.25A	£2.10
911-3546	1.6A	£2.10
911-3540	2A	£2.10
911-3559	2.5A	£2.10
911-3552	3.15A	£2.10
911-3556	4A	£2.10
911-3565	5A	£2.10
911-3568	6.3A	£2.10

RADIAL PCB MOUNT FUSES

- TR5 format fast acting fuses for PCB mount
- Nylon bodies
- Sold in packs of 10



611-0327	F 500mA	£5.17
611-0658	F 10A	£6.18
611-0311	F 125A	£6.69
611-0591	F 1.6A	£6.98
611-0664	F 2A	£7.92
611-0333	F 3.15A	£6.45
611-0670	F 4A	£5.17
611-0383	T 500mA	£6.60
611-0686	T 1A	£4.58
611-0399	T 1.25A	£8.21
611-0692	T 2A	£6.99
611-0614	T 2.5A	£7.22
611-0377	T 3.15A	£6.66
611-0406	T 4A	£5.86
563-784	Panel Mount, 5x20mm	£1.42

PCB MOUNT FUSE HOLDER - 5X20MM

- Semi enclosed fuse carrier for 5x20mm fuse and a base with retaining pins/clips
- Pin pitch 22mm
- Operating temperature -40°C to +100°C



563-756 Enclosed, 5x20mm

£7.16

RADIAL PCB FUSE HOLDER

- Sockets for mounting TR5 and TE5 series fuses
- Fuse holder pitch: 5.08mm
- Wire diameter: 0.6mm



611-9037 Radial Fuse Holder

£5.12

ANTI-VIBRATION, SLYDLOK™ RANGE

- Ideal for any high vibration application including portable or vehicle mounted applications
- Wired types accept any BS (IEE) or IEC recommended copper fuse wire
- Miniature cartridge fuse types available for 1 1/4 in. or 20mm miniature fuses and feature sprung fuse contacts for extra vibration resistance
- Contacts are nickel-plated brass for wired types; silver plated phosphor-bronze for cartridge fuse types
- BS711 grade phenolic body construction
- A DIN rail adaptor is available to convert these surface mounting units to rail mounting types using a single screw, compatible with "top hat" style BS 5584 (EN50 022, DIN 46277-3) format DIN rail



420-038	5x20mm fuses	£51.19
414-588	6.3x32mm fuses	£52.44

BS88 PULLCAP FUSE HOLDER

- DIN rail or single screw mount options. (DIN rail clip supplied)
- Fuse releasable without tools
- Lloyds register for marine applications approval
- 32A Max, 415Vac



184-9272 BS88 Pullcap holder

£54.83

DIN RAIL TERMINAL FUSE HOLDER

- For use with standard 15mm symmetrical rail
- Earth terminal tightens on with centre screw
- Disconnect has lever action for isolation of circuits
- Matches RS Pro range of TS15 DIN rail terminals



501-809 Fuseholder with 24V LED

£29.92

SOLID LINKS FOR BS88 FUSE HOLDERS

- For converting fuse switches to circuit isolators, neutral links and shorting links



242-1049	Solid link for BS A1 fuses, 20A	£8.67
242-1055	Solid link for BS A2 fuses, 32A	£15.63
242-1061	Solid link for BS A3 fuses, 63A	£20.73
242-1128	Solid link for BS F1 fuses, 32A	£6.66



WHEN LIGHTING MATTERS



Lighting solutions for your needs.

RS PRO offers smart lighting solutions with over 2500 lighting products. From driverless LED floodlights to luminaires, from site safety lighting to indicators our comprehensive range will let your business shine under a brand new light.



LIGHTING & LUMINAIRES



308 TORCHES

310 HEAD TORCHES

311 LUMINAIRES AND FITTINGS

320 LAMPS & INDICATORS

RS PRO is the only global brand that gives you every part you need across five industry categories at the quality and price you expect.

rspro.com



LIGHTCRAFT TRIPLE TUBE PRO TASK LAMP

- 3 x 14 watt energy saving tubes
- Shadow free light with low heat emission
- Ergonomic design and easily positioned to suit
- Lamp head size: 61 x 11 x 6cm
- Includes bench clamp
- Cable length 1.5m



829-3477 £95.00

IP65 FOLDABLE SINGLE PANEL LED RECHARGEABLE WORK LIGHT

- Folding design makes this ideal for use as a small portable floodlight or a work lamp
- Light unfolds and has a retractable leg making this design stable in any situation
- Impact resistant red and black casing
- 120° Light angle
- Three lighting modes
- Rate of Protection
- Rechargeable 7.4V lithium ion battery



122-8897 10W	£48.77
122-8898 20W	£58.34
122-8899 30W	£68.79

'A' FRAME SITE LIGHT

- Free standing twin
- Corrosion and impact resistant
- Polycarbonate and steel construction makes it ideal for non permanent applications
- Twin 110V BS4343 outlet sockets



670-2730 £78.78

LIGHTCRAFT FOLDING TASK LAMP

- 1 x 13W energy saving tube
- Shadow free light with low heat emission
- Lamp switches on when unfolded
- Includes inbuilt handle for portability
- Compact - only 250mm high
- Cable length 1.5m



829-3480 £20.70

FOLDABLE MAINS POWERED LED FLOOD LAMP / WORK LAMP

- Dual 2 x 30W ultra bright COB LEDs
- Dual lights can be operated together or individually
- Power button (IP66) with 2 settings (high and power saving)
- IP44 weather resistance
- IK08 impact resistant red and black case
- 360 degree floodlight rotation
- 120 degree beam angle
- M16 power connector
- Can be mounted on a tripod
- Ideal for use on construction sites, car garages and auto shops and in the home



122-8900 UK plug, 110V, 60W	£85.33
122-8902 EU plug, 200V, 60W	£85.33

FESTOON KIT - COMPACT FLUORESCENT

- Energy saving
- Low voltage
- Complete 25m kit with 10 spiral cap 13W CFL lamps and 10 polycarbonate guards



721-0888 £108.43

PORTABLE TASK LIGHT

- General purpose portable floodlight
- Lightweight and easy to carry
- Wide even light distribution from the lamp (supplied)
- Does not get hot, reduces risk of fire or burning from accidental contact
- Cable can be stored on cable tidy hooks at the back of light
- Free standing/wallhanging
- Suitable replacement 38 W 2D CFL lamp Stock Number 182-7979



670-2759

£30.50

IRON TRIPOD FOR WORK LIGHT

- Measuring 1.4m this is for use with the RS Pro foldable LED floodlights
- 3 stable legs ensure a footing for the floodlight
- Can be folded down to just 69cm



122-8901

£12.12

FESTOON KIT - GLS

- Provides a very effective solution to illumination large areas
- Visit our website for more details



670-2743

£59.29

110V FLUORESCENT ANTI CORROSIVE SITE LIGHTS

- Designed for temporary site installation
- High impact corrosion resistant yellow polycarbonate body
- Polycarbonate cover with prismatic light control
- Uses a single 5ft (1600mm) 58W/T8 fluorescent tube (supplied, see 656-1309)



670-2733 £36.79

110V IP44 PORTABLE 24W LED TASK LIGHT

- Super bright LED – Daylight (6000K)
- Die cast aluminium body with steel stand
- Tiltable head and carry handle
- 3m cable length
- Rated life of 30,000 hours
- Lumen Output 2000lm



842-8162 £94.27

PIR AND DAYLIGHT SWITCH

- Combined photocell and PIR for automatic control of indoor lighting
- Photocell prevents lights being turned on if sufficient daylight
- Can be flush or surface mounted with adaptors supplied
- Adjustable off time delay and lux level
- Suitable for tungsten or fluorescent lighting loads



424-0381 £53.68

PASSIVE INFRA-RED (PIR) OCCUPANCY DETECTORS

- Designed to provide automatic control of lighting, heating or ventilation loads
- They detect movement using a PIR sensor and turn the load on
- When area no longer occupied the load will switch off after an adjustable time out period

**LIGHT SENSITIVE SWITCH**

- Adjustable 1-100Lux
- Time delay prevents intermittent switching
- Adjustment by potentiometer

**IP40 CEILING MOUNTED PIR PRESENCE/ABSENCE DETECTORS**

- PIR sensor detects movement
- Receives commands from an IR handset
- Light level sensor measures light level
- Status LED
- Maximum Load 10A of lighting and/or ventilation

796-2019 Ceiling mounted PIR £53.57
796-2028 Batten mount PIR £48.46**BATTEN MOUNT PIR DETECTOR IP65**

- Designed to be mounted directly to the outside of a luminaire
- Weight 0.10kg
- Supply Voltage 230VAC +/- 10%
- Frequency 50Hz
- Power consumption On 799mW, Off 807mW



796-1993	Batten mount PIR presence detector	£44.89
796-2015	Movement sensor wall switch	£39.58
791-8260	180deg wall shuttered PIR detector, 1100W	£8.02

CEILING PRESENCE DETECTOR BOX

- Adjustable time out period 10s to 30m
- Light Level Light to dark
- MATERIAL Flame retardant ABS
- Type Class 2
- Temperature -10°C to 35°C



796-2003	Ceiling mounted accessory box	£46.41
121-8912	Sign light mounting bracket & pole	£17.25
125-6932	Ceiling suspension kit	£9.94

FLUORESCENT LAMP STARTERS

- Electronic type with built in failed lamp shut down safety circuit
- Flicker free electronic start



809-346	16-75W	£4.94
809-352	18-20W	£4.94
809-368	100-125W	£5.20

IP66 OUTDOOR SWITCHES

- Designed to protect the electricity supply in the most arduous of conditions
- Clearly marked terminals with backed out captive screws
- Covers to seal the fixing screws
- All cable entries in the 4 sides have removable blanking caps
- Neon indicator that can be wired to illuminate



699-7076	1 gang 2 way 20AX	£7.52
699-7082	1 gang DP 20AX	£8.52
699-7070	2 gang 2 way 20AX	£9.05

T10X30 (10MM) MCC NEON LAMPS

- Supplied with integral resistor
- Base type Ba9s



655-9334	220/250V, 1.8mA	£7.40
655-9671	220/250V, 4.5mA	£8.74

12V TUNGSTEN HALOGEN SPOTLIGHT

- Hand-held tungsten halogen spotlight
- 12V 55W H3 lamp
- Polished reflector and glass front provides a powerful spot beam
- Supplied complete with lamp and 3m of coiled cable terminating in a cigarette lighter style of plug



257-4575	£12.41
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PASSIVE INFRA-RED (PIR) OCCUPANCY DETECTORS

- Range up to 7 metres
- Adjustable time period up to 30 mins
- Requires permanent live and neutral connections



465-0205	£54.19	104-733	£7.69	463-2730	£177.43
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T1 1/4 BI-PIN NEON LAMP

- A suitable series resistor must be used with this lamp



104-777	100/250V, 0.25mA	£9.90	105-017	T2, 110/230V, 0.5mA	£1.86
655-9609	200/250V, 0.6mA	£9.93	655-9413	T1.25 100/250V, 0.25mA	£2.64

T2 (6MM) MINIATURE WIRE ENDED NEON LAMP

- T-2 (6mm) miniature wire ended long-life neon lamps for wiring directly into equipment
- A suitable external series resistor must be used with this lamp

**ZONE 0 GLS HANDLAMP**

- Suitable for use with GLS rough service ES lamps up to 60W
- Robust construction with a rubber handle
- Toughened glass enclosure
- Supplied with locking key and 10 metres of cable

**CORDLESS 60 LED HANDLAMP**

- Cordless rechargeable handlamp
- 60 white LEDs
- 4h autonomy
- Protected hook and switch
- Integrated battery
- Europlug charger
- Range: 40m at 90° angle



HIGH POWER INSPECTION TORCH

- Maximum luminance of 215 lux (5700K)
- UK or EU mains adapter
- Wireless and rechargeable
- Docking station for easy recharge
- Magnet for hands free use and integral belt clip



111-7926	UK	£25.90
111-7927	Euro	£25.65

PEN TYPE LED TORCH

- Small and light, ideal for use in workshops and at home
- 150 lumens



LED TORCHES

- Lumens: 9-12 dependant on model selected
- Supplied with battery
- Aluminium casing
- Beam type: Spot



ATEX INTRINSICALLY SAFE TORCH, ZONE 0

- For use in hazardous locations
- Light modes: High / Low / Flash
- IP67 rated with a tough and durable casing
- High Impact lens and non-slip handle
- High-visibility yellow colour body
- Safety Lock

890-2995	4xAA high lumens	£26.80
890-3001	3xAAA	£29.90
890-3008	3C	£25.53
890-2991	4xAA high beam	£22.78

HEAD TORCHES

- Water resistant and shockproof design
- High power white LED
- Optical reflector produces high intensity spotlight



400 LUMEN HIGH POWER LED WORKLITE

- Barrel mounted On/Off switch
- Aluminium casing
- Carrying holster included

901-4988	Magnetic flexible neck (3xAAA)	£35.02
901-4979	Non-focusing (3xAAA)	£16.65
901-4972	Focusing 3xAAA	£18.67

IP68 DS-8DV DIVING FLASHLIGHT

- Tough Durable casing
- Batteries included
- Uses 4xAA batteries to give 179lm

901-4954	Keychain torch (3xLR44)	£5.22
901-4966	Mini torch (1xAAA)	£6.63
901-4963	Pen torch (2xAAA)	£6.54

MAGNETIC 360° LED TORCH

- Twin pivoting heads and handle light
- Ergonomic design with ABS lightweight housing
- Lumen output: 150lm (Handle) and 2x60lm (Twin head)
- Built in magnet and hook



123-4513	3xAAA	£13.54
123-4514	3xAA	£15.53
123-4515	3xAA focusable	£17.52

111-5772		£25.25
136-3577		£18.39

LED SQUARE BULKHEADS IP65

- Robust Polycarbonate body in black or white
- High-impact clear prismatic polycarbonate diffuser
- One-component hinged gear tray for easy installation
- Life span of up to 30,000 hours
- BESA box, 20mm fixing points and knock-outs on base and side for easy cable entry



828-8949	Mini Max EdgeLit LED 1400lm Black	£86.66
828-8955	EdgeLit LED 1400lm Black 3hr EM	£148.71
828-8961	EdgeLit LED 1400lm Black Sensor	£125.95
828-8930	Mini Max EdgeLit LED 1400lm White	£86.66

LOZENGE SHAPE PIR LED BULKHEADS

- Daylight LED colour (5700 K)
- Only 36mm deep and impact resistant
- High grade aluminium body and polycarbonate diffuser
- PIR detection range 90° with a 4m distance
- Rated life of 30,000 hours



918-5620	10W Black	£24.28
918-5627	10W White	£24.28
918-5633	20W Black	£65.55
918-5624	20W White	£65.55

DECORATIVE LED BULKHEAD

- Aluminium diecast body and polycarbonate diffuser
- Decorative design that is easily installed
- Daylight colour (5000K)
- Brightness of 780 lumens
- Protection Rating: IP54



124-0811	15W White Round	£74.57
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IP65 SQUARE POLYCARBONATE LED BULKHEAD

- 15.5W Power consumption LED gear tray
- 5000K and 1030 lumens
- Black polycarbonate base with Opal polycarbonate diffuser
- Steel gear tray

**IP65 LED WALLPACK BULKHEAD**

- 30W Power consumption LED with integral driver
- 4000K colour temperature
- 35,000 hour LED life
- Die-cast aluminium base
- Opal polycarbonate diffuser

**RED LED BULKHEAD**

- Designed to replace GLS red bulkheads
- 90,000 hr, 3000mcd LED's
- Wide operating temperature range
- Fitted with a high impact red polycarbonate diffuser
- Bases have 20mm conduit knockouts for side and bottom cable entry



315-1202	110Vac	£88.08
315-1195	230Vac	£88.08

GLS BULKHEAD CLEAR IP64

- Porcelain BC (B22) lampholder
- Suitable for lamps up to 100W (max.)

**LOW ENERGY FLUORESCENT BULKHEADS IP64**

- Cost effective for continuous operation
- Single or dual 9W PL lamp versions
- Low heat generation and long life
- Aluminium body with clear polycarbonate lens
- 20mm conduit knockouts for side and bottom cable entry



390-2426	9W	£24.49
390-2432	2x9W	£39.37

IP54 DRIVERLESS SQUARE LED BULKHEAD

- Daylight colour (5700K)
- High grade Aluminium body and polycarbonate diffuser
- Impact resistant and flush mounted
- For use indoors and outdoors



111-6502	10W Black	£30.25
111-6501	10W White	£30.25
111-6504	20W Black	£45.40
111-6503	20W White	£45.40

LUMINAIRES AND FITTINGS

IP54 DRIVERLESS ROUND LED BULKHEAD

- Daylight colour (5700K)
- High grade Aluminium body and polycarbonate diffuser
- Impact resistant and flush mounted
- For use indoors and outdoors



111-6506	10W Black	£26.41
111-6505	10W White	£26.41
111-6508	20W Black	£40.35
111-6507	20W White	£38.28

IP65 DRIVERLESS RECTANGULAR LED BULKHEAD

- Energy efficient super bright LED (Daylight 5700K)
- Only 36mm deep
- High grade aluminium body and polycarbonate diffuser
- Impact resistant and flush mounted



908-4060	10W Black	£28.59
908-4066	10W White	£28.59
908-4072	20W Black	£23.13
908-4079	20W White	£23.13

IP65 110° LED HIGH BAY LIGHT FIXTURES

- Colour temperature: 5000 K
- LG LED light chip
- 110° Beam angle
- Die-cast aluminium housing
- Cable gland supplied
- Suspension hook supplied



918-1123	130W	£319.69
918-1127	160W	£442.83
918-1136	240W	£542.28

LED 120° HIGH BAY LUMINAIRES

- Instant Light - No warm-up
- Sleek compact IP65 design with tempered clear glass protector and steel bracket
- 50,000 hour rated life
- 6000K cool white colour temperature



ADJUSTABLE ARM BENCH TASK LIGHT, ES CAP

- 3 steel articulated arms with vibration proof, friction knuckle
- Meets BS4533 Class 1 luminaire
- Joint friction adjustment if required
- Rotatable anti-glare visor
- Vertical or horizontal mounting base
- Maximum lamp size ES 60W



LED WORK LIGHT 3W

- Plastic shade and base provide complete insulation for maximum operator safety
- Comes with 1.8m cord
- Double shades design permits fast heat dissipation
- Great light output, soft illuminating without irritating the eyes
- Low Voltage 24V AC/DC operation with transformer in base



777-7959	3W EU plug	£79.92
777-8003	3W UK plug	£76.84

LED MACHINE STRIP LIGHTS

- Reinforced Lens for high resistance
- Furnished with 1.8m cord
- Long service life up to 40,000 hours
- Temperature range -30° to +60°
- Aluminium body



ADJUSTABLE ARM LONG, MACHINE TASK LIGHT

- High-power IP65 halogen machine lights for industrial use; ideal for use in fixed positions
- Reinforced glass cover, fitted with anti-glare louvre
- On/off switch on head along with adjusting handle
- Fitted with a 1.8m lead without plug



LED WORK LIGHT WITHOUT PLUG

- Low voltage 24Vac/dc power, 12W
- Reinforced lens for high resistance
- Furnished with 1.8m cord without plug
- Long service life up to 40,000 hours
- Temperature range -30° to +60°C



777-7974	800mm arm	£118.56
777-7971	430mm arm	£121.01

POLYCARBONATE TUBE LIGHT

- Impact resistant
- High frequency electronic ballast
- IP67 rated



240-0301 18W	£107.70
240-0294 24W	£136.66

LED HIGH-OUTPUT BATTEN CEILING LIGHTS

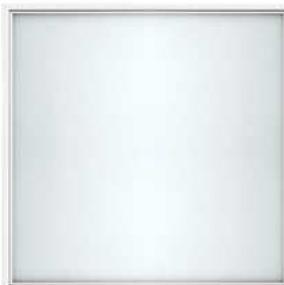
- A high-output LED ceiling light behind a slim opal diffuser
- Mounted on a tradition batten body
- Widespread and accurate lighting suited to workshops and warehouses
- Colour 840



918-1105 55W 4'	£72.12
918-1117 65W 5'	£85.18
918-1120 75W 6'	£93.81

IP65 LED PANEL

- Designed to provide high quality lighting to professional kitchens thanks to its waterproof sealing
- Offers 3 years warranty
- Lighting power: 3680 lumens
- Lighting: cold white 4500K



144-9668	£189.90
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IP65 LED SURFACE MOUNTED NON-CORROSIVE FITTING

- ABS base, polycarbonate controller, stainless steel clips and stainless steel mounting bracket
- Colour temperature 5500K
- Average LED life 30,000 hours



918-1379	£45.45
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LED BATTEN CEILING LIGHTS

- Standard LED ceiling light behind a slim opal diffuser
- Mounted on a tradition batten body
- Widespread lighting suited to warehouses, workshops and garages
- Colour 840



918-1101 30W 4'	£48.34
918-1114 40W 5'	£58.27
918-1111 50W 6'	£65.85

TWIN 10W 2' LED LUMINAIRE

- Daylight colour temperature (6000K)
- Shatterproof polycarbonate base with opal diffuser
- 30000 hours rated lifetime
- Suitable for outdoor use



124-8919	£42.81
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918-1139 4ft 3850lm	£110.26
918-1133 5ft 4065lm	£154.38

LUMINAIRES AND FITTINGS

RECESSED LED MODULAR FITTING

- 3300 lumens with cool white, 4000K output
- Polycarbonate chassis
- Mirror finish polished aluminium diffuser
- Lamp type 4 x SMD LED strips, non-replaceable



851-2902	595 x 595mm 42W 4000k	£104.94
851-2914	595 x 595mm 36W cool white	£96.07

LINEAR T8 LED SURFACE/SUSPENDED BATTEN

- Ultra-low profile, with a high lumen output
- Manufactured from an impact resistant Aluminium body and Polycarbonate diffuser
- Surface mounted, IP40
- Non-Dimmable



125-6922	10W 280mm	£33.10
125-6923	18W 580mm	£38.38
125-6925	35W 1180mm	£60.84
125-6929	65W 1780mm	£93.24

IP65 T5 HF NON-CORROSIVE FLUORESCENT FITTING

- Polycarbonate body, diffuser and clips
- Powder coated pressed steel gear tray
- Silicone rubber gasket
- Operating temperature -20°C to +30°C
- Indoor and outdoor use



851-2918	14WT5 single	£15.95	125-6910	10W Single 2ft 1200lm	£30.19
851-2927	28WT5 single	£22.80	125-6911	20W Single 4ft 2300lm	£40.30
851-2924	35WT5 single	£29.67	125-6912	26W Single 5ft 3000lm	£49.61
851-2933	28WT5 double	£19.41	125-6914	30W Single 6ft 3450lm	£59.54
851-2936	56WT5 double	£26.84	125-6915	20WTwin 2ft 2200lm	£41.02
851-2949	70WT5 double	£31.95	125-6917	40WTwin 4ft 4500lm	£64.82
851-2920	35WT5 single - 3h Emergency	£77.94	125-6918	50WTwin 5ft 6250lm	£78.74
851-2930	70WT5 double - 3h Emergency	£89.04	125-6920	60WTwin 6ft 6500lm	£101.88
				362-7901	58W 1500mm £193.06

FLUORESCENT T5 BATTEN

- Ideal for most industrial, retail, commercial, office and education applications
- IP20 rated, lamp type T5 (not included)
- Mild steel body white finish
- Polycarbonate lamp holder and end caps



851-3002	1 X 14W, 2ft / 575mm	£13.13
851-3006	1 X 28W, 4ft / 1175mm	£18.16
851-3018	1 X 35W, 5ft / 1475 mm	£22.72
851-3021	1 X 49W, 5ft / 1475mm	£24.54
851-3028	2 X 14W, 2ft / 574mm	£18.84
851-3037	2 X 28W, 4ft / 1175 mm	£26.62
851-3034	2 X 35W, 5ft / 1475 mm	£32.54
851-3046	2 X 49W, 5ft / 1475 mm	£35.96

IP65 HF 110V AND 230V NON-CORROSIVE FLUORESCENT FITTINGS

- Suitable for the most demanding environments
- Polycarbonate body and clips
- High impact resistant polycarbonate prismatic diffuser
- IP65 suitable for indoor and outdoor use
- Fully resistant to the penetration of dust and water jets



PRISMATIC DIFFUSER FOR FLUORESCENT T5 BATTENS

- Supplied with end caps
- Stream lined, anti-glare
- Improves protection and aesthetic



712-6966	1x 58W HF 240V	£36.44
712-6944	2x 18W HF 240V	£23.71
712-6950	2x 36W HF 240V	£33.16
712-6960	2x 58W HF 240V	£37.77
743-4854	2x 70W HF 240V	£69.97

HIGH TEMPERATURE FLUORESCENT FITTING

- Designed for use in high humidity and / or high ambient temperatures
- Ideal for use in food factories or industrial process areas
- Robust & durable extruded aluminium body with polycarbonate diffuser
- Low loss control gear minimises heat build up



7W LED DESK DIMMABLE LAMP WITH BASE

- The lamp head can rotate 180 degrees and flip up and down 90 degrees.
- Heavy base
- Dimmable with three step dimming
- 12V 1A supply



910-7131 £76.67

FLEXIBLE LED DESK LIGHT

- Perfect for reading and working
- Non-obtrusive yet stylish, modern design
- 21 high performance, energy efficient natural light LEDs
- Flexible arm lets you aim the light exactly where it's needed



826-7844 £53.02

ISPOT LEAF 6W LED DESK LAMP

- Adjustable colour temperature: warm white 3000K - daylight 6500K
- Dimmable via touch control interface
- Built in 5V 1A USB charging outlet
- Adjustable lamp arm and 90° rotational lamp head
- Fitted with a British 3-pin plug supplied with a Europlug adaptor



910-6813 Black £40.86
877-1747 White £41.68

ISPOT BLADE 8W LED DESK LAMP

- Adjustable colour temperature warm white 3000K - daylight 6500K
- Dimmable via touch control interface
- Built in USB charging port ideal for charging phones and other digital devices
- 90° adjustable lamp arm and 180° adjustable lamp head
- Folds away for easy storage
- Fitted with British BS1363 plug



111-9984 Black £38.38
112-0090 White £38.38

PROFESSIONAL LED TASK LAMP

- Perfect for lighting up larger work spaces
- Multi-Function dimmer switch for complete lighting versatility
- Includes table clamp and inbuilt dimmer feature
- Ergonomic design and easily positioned to suit
- Adaptor plug included: UK, EU, US, AUS



815-5625 £129.95

ISPOT ENERGIZE 10W LED CHARGING DESK LAMP

- Adjustable colour temperature warm white 3000K - daylight 6500K
- 5 stage dimming via touch control interface
- Wireless charging interface ideal for charging phones and other electrical devices
- 60 min automatic timer
- Integrated night light on lamp head



917-9237 Black £85.86
917-9234 White £85.86

LED SLIMLINE TASK LAMP

- Ideal for precision work and office use
- Dimmable
- Useful smaller night light
- 3-step dimmer (low, medium high)
- Folding task light



136-3723 £20.20

LED DESK LAMP WITH CALENDAR AND THERMOMETER

- High definition LCD screen features a digital calendar and the ambient temperature
- Easy Touch feature
- Fully adjustable light output
- Lumen output: 400 lumens



136-3574 £122.87
121-8911 £84.50

LED SIGN LIGHT

- Perfect for flood light illumination of wall mounted signage and building architecture
- 4000K Neutral white output
- High grade aluminium body
- Luminosity: 2500lm
- Protection rating: IP65



LUMINAIRES AND FITTINGS

LED MAINS STRIP LIGHT

- Ultra-slim, low profile, linkable, low power LED strip lighting
- Ideal as direct replacement for existing T4 fluorescent lighting
- Up to 10 years continuous operation
- Integral on/off switch and internal fuse protection
- Easily "daisy chained" together using link cables



720-3833	300mm 5000K	£21.13
720-3843	300mm 7500K	£21.13
720-3824	400mm 5000K	£25.76
720-3821	500mm 5000K	£30.95
720-3827	600mm 5000K	£35.49
720-3837	800mm 5000K	£48.20
720-3859	800mm 7500K	£48.20
701-2870	300mm 3000K pearl	£19.06

RECESSED LED DOWNLIGHT

- Ideal for use in corridors, circulation areas and even toilets, the downlight is recessed mounted allowing for a discrete fitting and stylish design
- Diecast Aluminium heat sink
- Opal Acrylic diffuser
- Uniformed light distribution with 4000K light



124-0817	20W 1500lm	£61.31
124-0818	20W 1500lm	£65.96
124-0819	30W 2300lm	£79.25

LED IP65 FIRE RATED DOWNLIGHT

- SMA LED downlight
- 8W efficient consumption
- Fire Rated up to 90 minutes
- 25000 lifetime hours



125-6898	4000K	£27.67	312-1065	"Do Not Enter"	£93.72
125-6901	3000K	£27.67	312-1071	"Laser On"	£93.72

FLAT ALUMINIUM PROFILE FOR LED STRIP

- High-quality luminous rendering, with a perfect finish thanks to an opaque diffuser
- 1m strip
- Profiles can fit together and be cut to the desired length
- Provides perfect finish to an LED strip
- Easy to install



136-3596	£13.90
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PETREL ZONE 2 ANTI-CORROSIVE FLUORESCENT LUMINAIRE

- For use in both internal and external hazardous area applications
- Featuring a moulded GRP body and polycarbonate diffuser
- Unrestricted breathing enclosure
- Electronic HF ballast for longer tube life and lower running costs
- 2 X M20 cable entries (1 plugged) with 3 wire and earth terminals for 2.5mm cable



539-6974	1x58W	£113.22
539-6980	2x58W	£121.58

ILLUMINATED SIGNS

- Semi-secret legend until illuminated for extra impact
- White gloss powder coated steel housing
- Even illumination
- Fitted with fused terminal block and power factor correction capacitor



IP44 PIR SWITCHED HALOGEN FLOODLIGHT

- Detection range up to 12m and on-time selectable
- 110° PIR motion sensor with no dead-angle
- Day/night light level sensitivity adjustment
- Zinc alloy construction
- Lamps supplied (type R7s)



791-8264	120W	£10.90
791-8273	500W	£13.35
791-8276	400W	£7.66

LED IP65 FLOODLIGHT

- Good heat dissipation performance
- Service life over 50,000 hours
- Durable and completely corrosion resistance aluminium casing
- Toughened glass
- Energy-saving up to 70% compared to traditional floodlights



787-1313	800-900lm 10W PIR	£38.42
787-1317	2400-2700lm 30W	£77.54
787-1326	4000-4500lm 50W	£96.60
787-1329	6400-7200lm 80W	£166.65
787-1323	8000-9000lm 100W	£209.01
872-4127	13500-14500lm 150W	£193.10
872-4136	12800-14400lm 160W	£253.77
872-4139	200W LED Floodlight, 16000-18000LM,	£288.75

ISPOT ULTRA THIN LED FLOODLIGHT

- Can be used both indoors and outdoors
- Energy efficient super bright LED chip
- 105° beam angle
- Available in black and white finishes, and rectangular or round
- Instant start and restart –can be used with photocells and PIR sensors



877-1719	ispot C 30W - Black	£68.00
877-1716	ispot C 30W - White	£68.00
877-1713	ispot C 50W - White	£113.33
877-1729	ispot C 80W - Black	£160.00
877-1725	ispot C 80W - White	£160.00

SLIM LED FLOODLIGHT UP TO 4000lm

- Housed in a white aluminium frame with a thickness of only 28.5 mm
- Exceptional light output and control thermal release
- Instant light output, with no compromise in terms of light quality and power (up to 800 lm)
- Beam angle: 120° and daylight colour (6000K)



136-3569	10W with remote control	£50.71
136-3559	10W	£22.48
136-3562	20W	£38.82
136-3561	20W	£38.82
136-3563	30W	£57.54
136-3566	50W	£81.53

IP65 LED FLOODLIGHT

- Ideal for pathways and steps
- Long Life, High powered SMD LED within a robust aluminium casing
- Adjustable bracket, 120° beam angle
- Up to 30 m beam
- Optionally available with PIR



133-6294	10W, 800lm	£12.50
133-6297	20W PIR, 1,600lm	£35.00
133-6295	30W, 2400lm	£32.00
133-6298	30W PIR, 2,400lm	£44.00
133-6296	50W, 4000lm	£49.00
133-6299	50W PIR, 4,000lm	£62.63

ISPOT ULTRA THIN LED FLOODLIGHT

- Innovative high voltage LED chips –no driver required
- Energy efficient super bright LED chip
- 105° beam angle
- Instant start and restart –can be used with photocells and PIR sensors
- 36000 hour rated life



828-1954	10W Black 3000K	£35.19
828-1957	10W White 3000K	£35.55
828-1951	20W Black 5700K	£70.38
828-1960	20W White 5700K	£70.38

ISPOT PIR LED DRIVERLESS FLOODLIGHTS

- High grade aluminium body
- Complete with mounting bracket and 900mm flex (unterminated)
- PIR detection distance: 7m and detection range: 110°
- Adjustable hold time, sensitivity and lux level
- Built in daylight sensor



908-4057	30W Black	£50.76
908-4054	50W Black	£147.47
908-4063	50W White	£147.47

LED FLOOD LIGHTS, ROTATABLE

- Flexible modular design with advanced airflow thermal management
- Surface coating treatment resists harsh weather conditions
- IP65 Protection rating
- Input voltage: 100 to 277 Vac @ 50 / 60Hz
- Shell colour: black



899-8485	2 LED, 150W, 12900lm	£422.77
899-8494	2 LED, 200W, 15550lm	£456.13
899-8497	4 LED, 300W, 23990lm	£755.44

IP65 DRUM FLUORESCENT BULKHEAD

- Range of 2D square and round bulkhead luminaires
- Manufactured with a polycarbonate diffuser and base
- GE 2D 2 pin lamp 3500K (supplied)
- Gear tray release screw
- BESA box fixing



719-4985	16W, Square	£21.28
719-4988	28W, Square	£30.29
460-9847	38W, Round	£40.22
719-5007	28W, Square HF	£33.48
719-5004	28W, Round, HF	£33.48

LED EMERGENCY EXIT HANGING SIGN

- 3 hours illumination in the event of a power failure
- LED technology offers increased energy and cost savings
- Longer operating life and requires fewer batteries in comparison to traditional emergency lighting
- Maintained



922-7267	Side arrow	£45.37
125-8557	Up arrow	£40.51

LED EMERGENCY EXIT WALL MOUNT SIGN

- 3 hour emergency exit sign
- Switchable maintained (M3)
- Powder coated white mild steel body



LUMINAIRES AND FITTINGS

LED EMERGENCY EXIT RECESSED SIGN

- 3 hour emergency exit sign
- Maintained (IM3)
- 4.8V 800mAh Ni-Cd batteries



795-9754	4W down arrow	£67.90
795-9763	4W left/right arrow	£67.15
795-9757	4W down arrow suspended	£67.90

LED EMERGENCY 5' LUMINAIRE

- 3 hour emergency duration
- Daylight colour temperature 6000K
- Rated life of 30000 hours
- 22W 5ft maintained



918-1388		£141.41
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LED EMERGENCY TWIN LUMINAIRE

- Tube has control gear and batteries built in
- Daylight colour temperature 6000K
- Shatterproof polycarbonate base with opal diffuser
- 10W, 2ft



EMERGENCY LIGHT CONVERSION KIT

- Ideal for integrating into existing control gear
- Supplied with a fused terminal block and pre-cut connection wires
- The modules can be tuned specifically to the lamp, giving better performance for the cell capacity



466-3330	36W 5 cell	£81.85
466-3346	70W 5 cell	£85.47

LED EMERGENCY TWIN SPOTLIGHT

- Total lumen output 340lm
- 3 hour non-maintained operation on battery power
- Polycarbonate IP65 body



124-8920		£100.89
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LED EMERGENCY BULKHEAD

- 3.6V 1.8A Ni-Cd battery
- Polycarbonate base and cover
- Supplied with a pack of four self-adhesive legends

EMERGENCY LED MINI-SPOT LIGHT

- Mini 3W spot light with separate driver and battery pack
- Recessed ceiling mounted
- 3 hours emergency duration; non-maintained



918-9988		£35.00
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LED EMERGENCY DOWNLIGHT

- Plug and play, maintained and non-maintained in one
- Choice of recessed or surface
- 2x 1.5W LEDs



146-8983	Recessed	£52.49
146-8984	Surface	£52.50



795-9735	Maintained	£36.17
795-9738	Non-maintained	£32.69

LED ROUND EMERGENCY BULKHEAD

- 5000K colour 15W LED
- 1030 lumens
- 3 hour emergency maintained



795-9820 £88.57

FLUORESCENT T5 EMERGENCY LIGHT FITTING

- 3 hours maintained
- Polycarbonate lamp holder and end caps
- Lamp not included



851-3015	1x 28W Batten 4ft / 1175mm	£75.24
851-3012	1x 35W Batten 5ft / 1475mm	£77.62
851-3024	1x 49W Batten 5ft / 1475mm	£81.64
851-3030	2x 28W Batten 4ft / 1175mm	£70.55
851-3043	2x 35W Batten 5ft / 1475mm	£88.49
851-3040	2x 49W Batten 5ft / 1475mm	£92.49

LED T8 EMERGENCY LIGHT FITTING

- 3 hours switch maintained
- Rate of Protection: IP20
- 30000 lifetime hours



125-6913	1x 26W Batten 5ft cool white	£100.51
125-6915	1x 30W Batten 6ft cool white	£109.68
125-6919	2x 50W Batten 5ft cool white	£130.99
125-6921	2x 60W Batten 6ft cool white	£148.63

FLUORESCENT ANTI-CORROSIVE EMERGENCY LIGHT FITTING

- High frequency control gear
- IP65 suitable for indoor and outdoor use
- Energy saving



712-6979	1x 58W	£111.86
712-6972	2x 58W	£115.55
743-4851	2x 70W	£123.79

EMERGENCY LIGHT TEST SWITCH

- Choice of 10 minute, 1 or 3 hour duration
- Minimised risk of depleting batteries by reinstating the supply automatically at the end of the test
- Change over contacts allow auxiliary lighting to be used during the test



298-2774	Key operated	£49.29
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GOLD INFRARED LAMPS

- Virtually instant radiant heat after power-on
- Even less glare than ruby lamps
- Economical to operate
- Suitable for universal mounting orientations



796-0246	1500W, 348mm, R7S	£46.58
796-0277	2000W, 350mm, SK15	£40.00

JACKETED INFRARED LINEAR LAMPS

- Virtually instant radiant heat after power-on
- Economical to operate
- Suitable for universal mounting orientations



796-0079	200W, 118mm, R7S	£9.32
796-0088	300W, 118mm, R7S	£9.32
796-0085	300W, 220mm, R7S	£19.97
796-0104	500W, 216mm, SK15	£19.97
796-0094	500W, 220mm, R7S	£19.97

JACKETED INFRARED LINEAR LAMPS RUBY

- Virtually instant radiant heat after power-on
- Economical to operate
- Suitable for universal mounting orientations



796-0192	1500W, 348mm, R7S	£19.97
796-0202	1500W, 350mm, SK15	£19.48

RUBY INFRARED LAMPS

- Virtually instant radiant heat after power-on
- Low glare
- Economical to operate
- Suitable for universal mounting orientations



796-0139	1300W, 254mm, R7S	£15.81
796-0151	1400W, 110v, 348mm, R7S	£19.97
796-0186	1400W, 348mm, R7S	£19.97
796-0148	1500W, 110v, 348mm, R7S	£19.97
796-0158	1500W, 348mm, R7S	£19.97
796-0160	1500W, 350mm, SK15	£15.00
796-0136	1000W, 254mm, R7S	£15.81
796-0176	1000W, 350mm, SK15	£15.00
796-0114	400W, 118mm, R7S	£13.31
796-0126	500W, 118mm, R7S	£13.31

LED GLS CLEAR LAMPS

- 2700K (warm white) to provide a comforting colour similar to halogen
- Wide beam angle to provide general illumination - 806lm
- Clear finish ideal for glass lights
- Supplied in pack of 4



123-7941	BC non-dimmable	£14.40
123-7942	E27 non-dimmable	£14.40
123-7944	BC dimmable	£19.80
123-7943	E27 dimmable	£19.80

LED GLS FROSTED LAMPS

- 2700K (warm white) to provide a comforting colour similar to halogen
- Wide beam angle to provide general illumination - 806lm
- Frosted finish for diffused light where low glare is ideal
- Supplied in pack of 4



123-7939	BC dimmable	£12.60
123-7940	E27 dimmable	£12.60
123-7938	E27 non-dimmable	£8.00

LED GLS SENSOR LAMPS

- Turns on automatically at dusk and off at dawn to save energy
- Dual sensor to ensure accuracy
- 2700K (warm white) to provide a comforting colour similar to halogen - 806lm



123-7955	BC	£5.99
123-7956	ES	£5.99

LED CANDLE FROSTED LAMPS BC

- 2700K (warm white) to provide a comforting colour similar to halogen - 500lm
- Wide beam angle to provide general illumination
- Supplied in pack of 4



123-7929	Non-dimmable	£8.64
123-7931	Dimmable	£10.56

LED CANDLE FROSTED LAMPS SES

- 2700k (warm white) to provide a comforting colour similar to halogen - 470lm
- Wide beam angle to provide general illumination
- Supplied in pack of 4



123-7932 Dimmable	£10.56
123-7930 Non-dimmable	£8.64

LED BALL FROSTED LAMPS

- 2700k (warm white) to provide a comforting colour similar to halogen - 470lm
- Supplied in pack of 4



123-7945 Non-dimmable BC	£8.56
123-7947 Dimmable BC	£9.32
123-7946 Non-dimmable ES	£8.56
123-7948 Dimmable ES	£9.32

LED GU10 LAMPS

- 36° beam for halogen performance
- LED GU10 lamp uses up to 90% less energy than the traditional halogen equivalent
- Supplied in pack of 5



123-7935 Dimmable BC	£15.96
123-7933 Non-dimmable BC	£10.36
123-7936 Dimmable SES	£15.96
123-7934 Non-dimmable SES	£10.36

LED CANDLE CLEAR LAMPS BC

- 2700k (warm white) to provide a comforting colour similar to halogen - 420lm
- Supplied in pack of 4



123-7951 Dimmable BC	£14.40
123-7949 Non-dimmable BC	£11.52
123-7950 Non-dimmable ES	£11.52

123-7972 Dimmable Warm White (2,700K) 345lm 5.8W	£19.00
123-7967 Dimmable Warm White (2,700K) 345lm 5.5W	£12.00
123-7973 Dimmable Cool White (4,000K) 380lm 5.8W	£19.00
123-7968 Dimmable Cool White (4,000K) 380lm 5.5W	£12.00
123-7969 Warm White (2,700K) 345lm 5.3W	£11.25
123-7965 Warm White (2,700K) 345lm 4.7W	£9.60
123-7970 Cool White (4,000K) 390lm 5.3W	£11.25
123-7966 Cool White (4,000K) 380lm 4.7W	£9.60
123-7971 Daylight (6,500K) 390lm 5.3W	£12.45

LED MR16 LAMPS

- 36° beam for halogen performance
- LED MR16 lamp uses up to 90% less energy than the traditional halogen equivalent
- Supplied in pack of 3



123-7963 Dimmable Warm White (2,700K) 345lm 6W	£16.98
123-7959 Dimmable Warm White (2,700K) 345lm 5W	£11.52
123-7964 Dimmable Cool White (4,000K) 360lm 6W	£16.98
123-7960 Dimmable Cool White (4,000K) 380lm 5W	£11.22
123-7957 Warm White (2,700K) 345lm 4.5W	£7.80
123-7962 Cool White (4,000K) 390lm 4.5W	£8.58
123-7958 Cool White (4,000K) 380lm 4.5W	£7.20

PAR16 GU10 LED LAMPS

- 6/5.5W LED lamp equivalent to 75W PAR16
- Non-dimmable
- Average lifetime 25,000 hours



786-9130 3000K	£9.32
786-9134 4200K	£9.32
786-9143 6000K	£9.14

LED RETROFIT MR16 LAMPS

- 5W LED lamp equivalent to 40W MR16
- AC/DC 12V input voltage
- Non-dimmable
- Average lifetime 25,000 hour



786-9124 3000K	£5.30
786-9128 4200K	£5.30
786-9137 6500K	£5.30

E27 GLOBE GLS LAMPS

- 220-240Vac input voltage
- Non-dimmable
- Mercury free
- Average lifetime 25,000 hours
- 2 years guarantee



786-9180	4W G50 E27 3000K	£4.75
786-9064	9W A60 E27 3000K	£11.68
786-9067	9W A60 E27 4200K	£11.68
786-9061	9W A60 E27 6000K	£11.68

GU10 LED DIMMABLE REFLECTOR LAMPS

- Average life of 25,000 hours
- Delivers a high lumen output of 420lm
- Ideal as retrofit for 50W halogen reflector lamps
- Supplied in pack of 20



851-3068	6000K	£180.69
851-3062	2700K	£180.69

GU10 LED NON-DIMMABLE REFLECTOR LAMPS

- Average life of 25,000 hours
- Delivers a high lumen output of 450lm
- Applications in household luminaires; hotels, hospitals and office space
- Supplied in pack of 20



851-3071	4000K	£100.30
851-3074	6000K	£111.44
851-3078	2700K	£111.44

LED RETROFIT PYGMY LAMPS

- Replacement for 15W to 25W incandescent Pygmy lamps
- High efficiency SMD 5050
- Operation temperature -20°C to 60°C



820-8836	E14 1.4W 3000K	£7.43
820-8827	E27 1.6W 3000K	£8.18
820-8823	B22D 1.6W 3000K	£8.18

LED 360 RETROFIT LAMPS

- High output daylight (6500K) LEDs
- Rated life of 50,000 hours
- Instant start and restart can be used with PIR sensors
- Unique heat sink design
- Weatherproof and dust proof with LED's rated to IP64



BA15D LEDS FOR LIGHT TOWERS

- For use in light towers (stacking beacons)
- Designed for maximum light output with a full 360° viewing angle
- Vibration and shock proof



209-333	Green, 24V	£34.66
209-305	Red, 24V	£16.20
209-327	White, 24V	£31.13
211-308	White, 230V	£34.57

LED INDICATOR LAMPS, BA9S MBC

- Life expectancy of 100,000h
- For more details visit the RS website



G4 / G9 LED CAPSULE LAMPS

- Uses up to 90% less energy than the traditional halogen equivalent
- 15,000 hours long life
- Multi-pack to ensure leading value
- Supplied in a pack of 5



123-7926	G4 Silicone 100lm	£16.00
123-7927	G4 Silicone 160lm	£15.00
123-7928	G9 Clear 160lm	£13.75

207-680	Green, 130Vac	£5.56
205-757	Green, 230Vac	£5.56
208-655	Green, 24Vac/dc	£5.88
209-478	Red, 24Vac/dc	£3.44
209-428	White, 6Vac/dc	£6.16
209-462	White, 12Vac/dc	£5.60
205-230	White, 24Vac/dc	£5.84
210-614	White, 28Vac/dc	£6.16
207-703	White, 130Vac	£5.85
205-741	White, 230Vac	£5.32
208-661	Yellow, 24Vac/dc	£3.44

T10X25 E10 AC/DC LED INDICATORS

- Fully compatible with E10 mounting accessories
- Single chip LED with reflector



204-710	White, 24Vac/dc	£5.38
210-181	White, 230Vac	£5.72

BI-PIN FILAMENT INDICATOR

- T1 1/4 (6mm) lamp size
- 20000 life hours
- 28V 40mA
- Pack of 10

**MIDGET FLANGE INDICATOR LAMP**

- T1 lamp size
- 28V 24mA
- 10000 life hours
- Bayonet connection

**LED LINEAR R7S LAMPS**

- 2700K colour temperature
- 15,000 hours long life
- Multi-pack to ensure leading value



123-7953	78mm 600lm	£6.99
123-7954	118mm 1200lm	£7.49

BA15D CLEAR INDICATOR LAMP

- T16 lamp size
- 24V 200mA
- Bayonet connection
- 3000 life hours
- Pack of 5

**LES CLEAR INDICATOR LAMP**

- T1 1/2
- Supplied in a pack of 10

**BA9S CLEAR INDICATOR LAMPS**

- Midget bayonet (BA9s) base
- Durable light source
- High-quality clear light
- Supplied in a pack of 10



655-9463	6V 200mA	£4.52
655-9069	6.5V 150mA	£6.17
104-806	6.5V 300mA	£5.20
105-095	24V 50mA	£5.99
577-471	24V 83mA	£5.06
655-9019	24V 120mA	£6.66
577-487	30V 66mA	£5.39
360-7834	30V 70mA	£6.48
589-468	130V 20mA	£12.64
339-3276	230V 13mA	£12.62

MES CLEAR INDICATOR LAMP

- T3 10mm lamp size
- 24V 120mA
- 3000 life hours
- Supplied in a pack of 10



104-834	£8.15
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INDICATORS

MIDGET GROOVE INDICATOR LAMP

- T1 lamp size
- 28V 40mA
- 10000 life hours
- Supplied in a pack of 10



360-7660 £758

CLEAR WEDGE INDICATOR LAMP

- Lamps for use in automotive and OEM industries
- 10000 life hours
- Supplied in a pack of 10



655-9801 24V 40mA £5.90
655-9744 28V 40mA £6.37

PANEL MOUNT LAMPHOLDERS

- Black polycarbonate lamp holder and nylon fixing ring
- Supplied in a pack of 5



589-783 MBC £4.84
589-777 MES £3.82

TELEPHONE SLIDE CLEAR INDICATOR LAMP

- High-quality light
- 5000 life hours
- Durable and efficient light source
- Supplied in a pack of 5



294-5191 T6 24V 50mA £6.24
294-5220 T6 30V 40mA £6.78
294-5242 T6 60V 20mA £7.34

WEDGE BASE LAMPHOLDER

- T3 lamp holder moulded from polycarbonate
- Designed for mounting onto printed circuit boards via 2 rectangular solder pins (0.3 x 1.0mm).
- Supplied in a pack of 5



811-642 £2.47 **208-841** £12.03

BA9S LED CLUSTER INDICATOR

- Provides high intensity and a large illumination area
- Low current consumption and a long life
- Bayonet connection
- 130V



6MM ORANGE LED INDICATORS

- 3mm coloured diffused epoxy lens
- Bright silver or black chrome bezel
- Choice of flush, recessed or prominent style



843-2420	12Vdc - Silver - Prominent	£3.90
843-2424	12Vdc - Silver - Recessed	£4.24
843-2449	12Vdc - Black - Recessed	£4.24
843-2433	24Vdc - Silver - Prominent	£4.24
843-2436	24Vdc - Silver - Recessed	£4.24
843-2458	24Vdc - Silver - Flush	£4.24
843-2461	24Vdc - Black - Flush	£4.24

8MM HYPER-BRIGHT IP67 LED PANEL INDICATORS

- IP67 sealed
- High brightness
- Flush bezel style
- Bright silver or black chrome bezel finish



846-2816	Blue 110Vac - Black	£6.12
846-2939	Blue 220Vac - Black	£6.12
846-2917	Blue 220Vac - Silver	£6.12
846-2803	Green 110Vac - Black	£5.94
846-2926	Green 220Vac - Black	£5.94
846-2780	Green 110Vac - Silver	£5.94
846-2904	Green 220Vac - Silver	£5.94
846-2800	Red 110Vac - Black	£5.94
846-2923	Red 220Vac - Black	£5.94
846-2807	Yellow 110Vac - Black	£5.94
846-2920	Yellow 220Vac - Black	£5.94
846-2932	Orange 220Vac - Black	£6.12
846-2910	Orange 220Vac - Silver	£6.12

8MM MOUNT LED INDICATORS - LOW CURRENT

- IP67 sealed
- Low current: 1mA (approx)
- High luminosity
- Flush bright chrome bezel



838-5570	Orange 12Vdc	£7.47
838-5592	Orange 24Vdc	£7.47
838-5586	Green 24Vdc	£7.47

8MM LONG THREAD LED INDICATORS

- 15mm long thread bush
- IP67 sealed
- 8mm cut out



913-8725	Green 110Vac	£7.88
913-8735	Green 220Vac	£7.88
913-8722	Red 110Vac	£7.88
913-8731	Red 220Vac	£7.88
913-8729	Yellow 110Vac	£7.88
913-8744	Yellow 220Vac	£7.88

8MM LED INDICATORS - LOW CURRENT

- IP67 sealed
- Low current: 1mA (approx)
- High luminosity
- Flush bright chrome bezel



838-5560	Red 12Vdc	£7.47
838-5582	Red 24Vdc	£7.47
846-2901	Red 220Vac	£5.94
838-5602	White 24Vdc	£7.47
846-2914	White 220Vac	£6.12
838-5573	Yellow 12Vdc	£7.47
838-5595	Yellow 24Vdc	£7.47
843-2492	Orange 24Vdc	£4.57
700-1930	Blue 24Vdc	£6.48

8MM IP67 SHORT BODY LED INDICATORS

- Vibration resistant - epoxy sealed
- Diffused lens coloured LED
- IP67 sealed black chrome lens with choice of flush or prominent design



132-9133	Red 12V - Prominent	£8.44
132-9138	Red 24V - Prominent	£8.44
132-9148	Red 12V - Flush	£8.44
132-9153	Red 24V - Flush	£8.44
132-9134	Green 12V - Prominent	£9.30
132-9139	Green 24V - Prominent	£9.30
132-9149	Green 12V - Flush	£9.30
132-9154	Green 24V - Flush	£9.30
132-9135	Yellow 12V - Prominent	£8.44
132-9140	Yellow 24V - Prominent	£8.44
132-9150	Yellow 12V - Flush	£8.44
132-9155	Yellow 24V - Flush	£8.44
132-9136	Blue 12V - Prominent	£8.76
132-9141	Blue 24V - Prominent	£8.76
132-9151	Blue 12V - Flush	£8.76
132-9156	Blue 24V - Flush	£8.76
132-9137	White 12V - Prominent	£8.92
132-9142	White 24V - Prominent	£8.92
132-9152	White 12V - Flush	£8.92
132-9157	White 24V - Flush	£8.92

8MM LONG THREADED LED INDICATORS

- 15mm long thread bush
- 8mm cut out



913-2682	Blue 6Vdc	£7.54
913-8700	Blue 12Vdc	£7.54
913-8713	Blue 24Vdc	£7.54
913-2670	Green 6Vdc	£7.54
913-2695	Green 12Vdc	£7.54
913-8716	Green 24Vdc	£7.54
913-2676	Red 6Vdc	£7.54
913-2686	Red 12Vdc	£7.54
913-8703	Red 24Vdc	£7.54
913-8719	Yellow 24Vdc	£7.54

8MM HYPER-BRIGHT LED PANEL INDICATORS

- Prominent bezel style
- 5mm coloured diffused epoxy lens



846-2737	Blue 110Vac	£5.62
846-2850	Blue 220Vac	£6.12
846-2724	Green 110Vac	£5.94
846-2847	Green 220Vac	£5.94
846-2853	Orange 220Vac	£6.12
846-2721	Red 110Vac	£5.94
846-2844	Red 220Vac	£5.94
846-2857	White 220Vac	£6.12
846-2841	Yellow 220Vac	£5.94



207-775	Black	£6.72
207-999	Satin	£5.14

8MM LED HE RED INDICATOR

- 5mm coloured defused epoxy lens
- Black chrome bezel



211-386	12Vdc	£3.71
203-795	24Vdc	£3.71

8MM HYPER-BRIGHT LED INDICATORS

- IP67 sealed, panel mounting
- Prominent bezel style
- Low current, hyper bright



838-5532	Blue 12Vdc	£7.47
838-5554	Blue 24Vdc	£7.47
846-2715	Blue 110Vac	£5.62
838-5520	Green 12Vdc	£7.47
838-5542	Green 24Vdc	£7.47
846-2702	Green 110Vac	£5.94
846-2825	Green 220Vac	£5.94
838-5536	Orange 12Vdc	£7.47
838-5558	Orange 24Vdc	£7.47
846-2718	Orange 110Vac	£5.62
846-2831	Orange 220Vac	£6.12
838-5526	Red 12Vdc	£7.47
838-5548	Red 24Vdc	£7.47
846-2709	Red 110Vac	£5.94
846-2822	Red 220Vac	£5.94
838-5545	White 12Vdc	£7.47
838-5567	White 24Vdc	£7.47
846-2712	White 110Vac	£6.12
838-5551	Yellow 24Vdc	£7.47
846-2706	Yellow 110Vac	£5.94
843-2464	Orange 12Vdc	£4.57
843-2477	Orange 24Vdc	£4.57

8MM 3-COLOUR LED INDICATOR

- 5mm coloured diffuse epoxy lens
- 3 Colour Red/Green/Yellow LED
- Black or Satin chrome
- 24Vdc

Search 'RS PRO' online to see the full range

8MM SHORT BODY LED INDICATORS

- IP67 Panel sealed bright chrome bezel
- Rear terminations epoxy sealed
- Vibration resistant
- Suitable for dc voltage



132-9103	Red 12V - Prominent	£8.44
132-9108	Red 24V - Prominent	£8.44
132-9118	Red 12V - Flush	£8.44
132-9123	Red 24V - Flush	£8.44
132-9104	Green 12V - Prominent	£9.30
132-9109	Green 24V - Prominent	£9.30
132-9119	Green 12V - Flush	£9.30
132-9124	Green 24V - Flush	£9.30
132-9105	Yellow 12V - Prominent	£8.44
132-9110	Yellow 24V - Prominent	£8.44
132-9120	Yellow 12V - Flush	£8.44
132-9125	Yellow 24V - Flush	£8.44
132-9106	Blue 12V - Prominent	£8.76
132-9111	Blue 24V - Prominent	£8.76
132-9121	Blue 12V - Flush	£8.76
132-9126	Blue 24V - Flush	£8.76
132-9107	White 12V - Prominent	£8.92
132-9112	White 24V - Prominent	£8.92
132-9122	White 12V - Flush	£8.92
132-9127	White 24V - Flush	£8.92

8MM HYPER-BRIGHT RECESSED LED INDICATOR

- IP67 sealed
- High brightness
- Recessed bezel style in bright chrome or black chrome



846-2743	Red 110Vac - Chrome	£6.12
846-2765	Red 110Vac - Black	£5.62
846-2746	Green 110Vac - Chrome	£6.12
846-2768	Green 110Vac - Black	£6.12
846-2740	Yellow 110Vac - Chrome	£6.12
846-2762	Yellow 110Vac - Black	£6.12
846-2752	Orange 110Vac - Chrome	£5.62
846-2774	Orange 110Vac - Black	£5.62
846-2759	Blue 110Vac - Chrome	£6.12
846-2771	Blue 110Vac - Black	£5.62
846-2756	White 110Vac - Chrome	£5.62
846-2778	White 110Vac - Black	£6.12
846-2866	Red 220Vac - Chrome	£6.12
846-2888	Red 220Vac - Black	£6.12
846-2869	Green 220Vac - Chrome	£6.12
846-2881	Green 220Vac - Black	£6.12
846-2863	Yellow 220Vac - Chrome	£6.12
846-2885	Yellow 220Vac - Black	£6.12
846-2875	Orange 220Vac - Chrome	£6.12
846-2897	Orange 220Vac - Black	£6.12
846-2872	Blue 220Vac - Chrome	£6.12
846-2894	Blue 220Vac - Black	£6.12
846-2879	White 220Vac - Chrome	£6.12
846-2891	White 220Vac - Black	£5.62

8MM ANTI-VANDAL LED INDICATORS

- Nickel plated brass construction
- IP67 above panel protection
- IK02 resistance to striking energy of 20 joules



820-0560	Blue IP67	£4.10
820-0564	Green IP67	£4.10
820-0573	Red IP67	£4.10
820-0576	White IP67	£4.10
820-0570	Yellow IP67	£4.10

10MM PROMINENT LED INDICATOR

- Coloured diffused epoxy style lens
- 16 mm chrome bezel
- 0.11 in (2.8 x 0.8 mm) terminal connections



210-872	Green 24Vdc black chrome	£5.27
206-924	Green 24Vdc matt chrome	£5.27
204-984	Green 24Vdc satin chrome	£5.12
210-462	Green 230Vac black chrome	£9.80
210-866	Red 24Vdc black chrome	£5.27
207-911	Red 24Vdc satin chrome	£6.07
210-125	Red 230Vac satin chrome	£7.27

12MM LED PANEL INDICATORS - BLACK CHROME BEZEL

- Flush black chrome bezel
- Panel sealed to IP67
- 8mm coloured diffused epoxy lens



124-6416	Blue 12Vdc	£6.60
124-6417	Blue 24Vdc	£6.60
124-6418	Blue 220Vac	£8.40
124-6404	Green 12Vdc	£5.14
124-6405	Green 24Vdc	£5.14
124-6406	Green 220Vac	£8.40
124-6422	Orange 12Vdc	£7.52
124-6423	Orange 24Vdc	£7.52
124-6424	Orange 220Vac	£8.40
124-6398	Red 12Vdc	£5.14
124-6399	Red 24Vdc	£5.14
124-6400	Red 220Vac	£8.40
124-6410	Yellow 12Vdc	£5.14

12MM LED PANEL INDICATORS - BRIGHT CHROME BEZEL

- Flush bright chrome bezel
- Panel sealed to IP67
- 8mm coloured diffused epoxy lens



124-6413	Blue 12Vdc	£6.60
124-6414	Blue 24Vdc	£6.60
124-6415	Blue 220Vac	£8.40
124-6401	Green 12Vdc	£5.14
124-6402	Green 24Vdc	£5.14
124-6403	Green 220Vac	£8.40
124-6419	Orange 12Vdc	£7.52
124-6420	Orange 24Vdc	£7.52
124-6421	Orange 220Vac	£8.40
124-6395	Red 12Vdc	£5.14
124-6396	Red 24Vdc	£5.14
124-6397	Red 220Vac	£8.40
124-6407	Yellow 12Vdc	£5.14
124-6408	Yellow 24Vdc	£5.14
124-6426	White 24Vdc	£7.52
124-6427	White 220Vac	£8.40

12MM ANTI-VANDAL LED INDICATORS

- Nickel plated brass construction
- IP67 above panel protection
- IK02 resistance to striking energy of 20 joules



820-0589	Blue IP67	£5.16
820-0582	Green IP67	£5.16
820-0586	Red IP67	£5.16
820-0595	White IP67	£5.16
820-0598	Yellow IP67	£5.16

14MM LED PANEL INDICATORS - SOLDER TERMINAL

- Flush anodised aluminium
- Crisp super bright LED indication for instant status recognition.
- IP67 protection



111-6565	Blue 12Vdc	£13.84
111-6562	Green 12Vdc	£13.84
111-6563	Green 24Vdc	£13.84
111-6564	Green 220Vac	£14.32
111-6556	Red 12Vdc	£12.82
111-6557	Red 24Vdc	£12.82
111-6560	Yellow 24Vdc	£13.22
111-6561	Yellow 220Vac	£13.70

14MM LED PANEL INDICATORS - WIRED

- Flush anodised aluminium
- Crisp super bright LED indication for instant status recognition.
- IP67 protection



111-6574	Green 12Vdc	£14.58
111-6575	Green 24Vdc	£14.58
111-6576	Green 220Vac	£15.06
111-6568	Red 12Vdc	£13.54
111-6569	Red 24Vdc	£13.54
111-6570	Red 220Vac	£14.02
111-6571	Yellow 12Vdc	£13.94
111-6572	Yellow 24Vdc	£13.94
111-6573	Yellow 220Vac	£14.42
111-6577	Blue 12Vdc	£14.58
111-6578	Blue 24Vdc	£14.58
111-6579	Blue 220Vac	£15.06

14MM HYPER-BRIGHT LED PANEL INDICATORS - FLUSH

- Flush indicator with solder termination
- IP67 protection
- 10mm coloured diffused epoxy lens



134-5550	Green 12Vdc bright chrome	£7.96
134-5553	Green 24Vdc bright chrome	£7.96
848-4576	Green 110Vac black chrome	£8.89
848-4554	Green 110Vac bright chrome	£8.89
134-5552	Red 24Vdc bright chrome	£6.46
848-4550	Red 110Vac bright chrome	£8.89
848-4579	White 110Vac bright chrome	£5.12
134-5551	Yellow 12Vdc bright chrome	£7.04
134-5554	Yellow 24Vdc bright chrome	£7.04
848-4585	Yellow 110Vac black chrome	£5.12

14MM SHORT BODY LED INDICATORS - BLACK CHROME BEZEL

- Flush indicator with wired termination
- Rear end epoxy sealed
- Anti-vibration



130-2300	Blue 24Vdc	£10.18
130-2293	Green 12Vdc	£10.56
130-2298	Green 24Vdc	£10.56
130-2292	Red 12Vdc	£9.16
130-2297	Red 24Vdc	£9.16
130-2304	Red 220Vac	£10.18
130-2301	White 24Vdc	£10.40
130-2299	Yellow 24Vdc	£9.68

14MM SHORT BODY LED INDICATORS - BRIGHT CHROME BEZEL

- Flush indicator with wired termination
- Rear end epoxy sealed
- Anti-vibration



130-1098	Blue 2Vdc	£9.56
130-1103	Blue 12Vdc	£10.18
130-1100	Red 12Vdc	£9.16
130-2264	Red 110Vac	£10.18
130-1096	Green 2Vdc	£9.94
130-1101	Green 12Vdc	£10.56
130-2260	Green 24Vdc	£10.56
130-2258	White 12Vdc	£10.40

14MM LOW CURRENT LED INDICATORS 110VDC

- Flush bright chrome bezel
- IP67 sealed
- High luminosity



833-2901	Blue	£11.39
833-2897	Green	£12.38
833-2894	Red	£12.38
833-2891	Yellow	£8.82

14MM HYPER-BRIGHT LED PANEL INDICATORS - PROMINENT

- Prominent indicator with solder termination
- IP67 protection
- 10mm coloured diffused epoxy lens



848-4522	Blue 110Vac bright chrome	£5.27
848-4623	Blue 220Vac black chrome	£8.89
848-4601	Blue 220Vac bright chrome	£8.89
134-5538	Green 2Vdc bright chrome	£7.30
134-5544	Green 12Vdc bright chrome	£5.62
134-5547	Green 24Vdc bright chrome	£7.96
848-4532	Green 110Vac black chrome	£8.89
848-4611	Green 220Vac black chrome	£8.89
848-4598	Green 220Vac bright chrome	£11.38
134-5537	Red 2Vdc bright chrome	£5.80
134-5543	Red 12Vdc bright chrome	£6.46
134-5546	Red 24Vdc bright chrome	£6.46
848-4538	Red 110Vac black chrome	£8.89
848-4516	Red 110Vac bright chrome	£8.89
848-4617	Red 220Vac black chrome	£8.89
848-4594	Red 220Vac bright chrome	£11.38

14MM HYPER-BRIGHT IP67 LED PANEL INDICATORS

- IP67 sealed
- High brightness
- Prominent styles
- Bright or black chrome bezel finish



848-4535	White 110Vac - Bright Chrome	£8.89
848-4614	White 220Vac - Bright Chrome	£8.89
848-4526	Orange 110Vac - Bright Chrome	£8.89
848-4605	Orange 220Vac - Bright Chrome	£8.89
848-4541	Yellow 110Vac - Black Chrome	£8.89
848-4529	Yellow 110Vac - Bright Chrome	£8.89
848-4620	Yellow 220Vac - Black Chrome	£8.63
848-4608	Yellow 220Vac - Bright Chrome	£8.63

14MM SHORT BODY LED INDICATORS - BLACK CHROME BEZEL

- IP67 panel sealed
- Rear end epoxy sealed
- Anti-vibration
- Coloured diffused LED
- Wide viewing angle
- 200mm UL Approved wire terminations



130-2274	Green 12V	£10.56
130-2279	Green 24V	£10.56
130-2268	Red 2V	£8.54
130-2273	Red 12V	£9.16
130-2275	Yellow 12V	£9.68

14MM SHORT BODY LED INDICATORS - BRIGHT CHROME BEZEL

- IP67 Panel sealed
- Rear end epoxy sealed
- Anti-vibration
- Coloured diffused LED
- Wide viewing angle
- 200mm UL Approved wire terminations



130-1080	Green 12V	£10.56
130-1079	Red 12V	£9.16
130-1088	White 24V	£10.40

22MM IP67 LED INDICATORS - FASTON

- Anodised aluminium bezel - flush
- AC/DC options with 2.8mm Faston connectors
- 18mm Coloured lens



898-7781	Blue 12Vac/dc	£10.42
898-7784	Blue 24Vac/dc	£20.22
898-7788	Blue 28Vac/dc	£10.42
898-7797	Blue 110Vac	£11.17
898-7790	Blue 220Vac	£11.17
898-7712	Green 12Vac/dc	£20.22
898-7716	Green 24Vac/dc	£20.22
898-7725	Green 28Vac/dc	£10.42
898-7728	Green 110Vac	£21.67
898-7722	Green 220Vac	£21.67
898-7680	Red 12Vac/dc	£16.30
898-7683	Red 24Vac/dc	£16.30
898-7687	Red 28Vac/dc	£16.30
898-7696	Red 110Vac	£17.80
898-7699	Red 220Vac	£17.80
898-7744	Yellow 12Vac/dc	£16.30
898-7756	Yellow 28Vac/dc	£16.30
898-7750	Yellow 110Vac	£17.80
898-7769	Yellow 220Vac	£17.80

22MM LED INDICATORS - LOW CURRENT, 110VDC

- IP67 sealed
- Low current
- High luminosity
- Flush bright chrome bezel



833-2910	Blue	£18.79
833-2908	Green	£18.79
833-2904	Red	£15.32
833-2917	Yellow	£15.32

22MM P67 LED INDICATORS - WIRED

- Anodised aluminium bezel - flush
- AC/DC options with 200mm leads
- 18mm Coloured lens



898-7804	Blue 24V	£21.03
898-7807	Blue 28V	£10.83
898-7731	Green 12V	£21.03
898-7734	Green 24V	£21.03
898-7747	Green 110V	£22.48
898-7740	Green 220V	£22.48
898-7693	Red 12V	£17.12
898-7703	Red 24V	£17.12
898-7706	Red 28V	£17.12
898-7700	Red 110V	£18.59
898-7719	Red 220V	£18.59
898-7762	Yellow 12V	£17.12
898-7766	Yellow 24V	£17.12
898-7778	Yellow 110V	£14.38
898-7772	Yellow 220V	£18.59

22MM TRI-COLOUR LED INDICATOR - 24VDC

- 16mm coloured diffused lens
- 25mm dia. prominent style bright chrome brass bezel
- 2 negative terminals for 'daisy chaining'
- Mounting hole Size 22 to 22.5mm



208-942 £15.61

22MM STAINLESS STEEL LED INDICATOR

- Marine grade 316L stainless steel
- Flush bezel
- Full epoxy sealing.
- Daylight readable.



123-2435	Blue 12Vdc	£21.92
123-2436	Blue 24Vdc	£21.92
123-2438	Blue 220V	£23.40
123-2427	Green 12Vdc	£21.92
123-2428	Green 24Vdc	£21.92
123-2429	Green 28Vdc	£21.92
123-2430	Green 220Vac	£23.40
123-2423	Red 12Vdc	£18.34
123-2424	Red 24Vdc	£18.34
123-2425	Red 28Vdc	£18.34
123-2426	Red 220Vac	£19.90
123-2431	Yellow 12Vdc	£18.34
123-2432	Yellow 24Vdc	£18.34
123-2433	Yellow 28Vdc	£18.34
123-2434	Yellow 220Vac	£19.90

22MM DOMED LENS AND LAMPHOLDER

- Compatible with all indicator lamp holders except BA9s types
- Max lamp rating 2.2 W at 40°C
- Max. lamp length to be used is 25 mm



589-884	Amber	£2.45
589-907	Clear	£2.50
589-913	Green	£2.49
589-929	Red	£2.29



ELECTRONIC COMPONENTS & POWER SUPPLIES



**331 POWER SUPPLIES &
TRANSFORMERS**

**335 FILTERS, RESISTORS &
POTENTIOMETERS**

338 CAPACITORS & THERMISTORS

342 INDUCTORS & CHOKES

343 BUZZERS

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CAR POWER INVERTER

- Input Voltage 12Vdc
- Output Voltage 230Vac
- Maximum Temperature +40°C
- Over Temperature Protection
- Over Voltage Protection
- Overload Protection
- Reverse Polarity Protection

**ATX POWER SUPPLY**

- ATX12V ver. 2.31, compliant with AX12V ver. 2.3
- High efficiency up to 85%
- Single 12V Rail for high compatibility and extreme high current output
- Main cable length up to 550mm, great for high end tower chassis installation
- One PCIe 6+2 pin connector for mid-range graphic cards

**SWITCH MODE POWER SUPPLY**

- Operating temperature: 0°C - 40°C
- Input Voltage: 100 - 240Vac
- AC inlet IEC320-C14 socket
- Compact and light-weight plastic case
- Protections: short circuit/overload/ overheating
- ErP compliant
- Meets CE and UL standards



816-0002	100W	£28.15
816-0015	150W	£30.76
816-0024	300W	£43.04
816-0037	400W	£49.51
816-0034	500W	£61.48
816-0046	600W	£79.72
816-0068	1kW	£144.92

DESKTOP POWER SUPPLY

- Efficiency up to 90%
- Fully regulated output
- ErP step2 compliant (level V)
- Short circuit, overload and over voltage protection
- 3-pin IEC320, C14 input socket

**60W DESKTOP POWER SUPPLY**

- High efficiency, long life, and high reliability
- Fully regulated output
- Over voltage, short circuit, overload, and over temperature protection
- LED power on indicator
- 3-pin IEC320, C14 input socket
- Harmonic current compliance to EN 61000-3-2



816-0021	200W	£36.89
816-0028	300W	£43.04
816-0040	600W	£79.72
816-0062	1kW	£144.92
816-0074	3.5kW	£516.67
816-0084	4.5kW	£753.48

188-797	12V,8.4A,100W	£68.39
188-804	24V,5A,120W	£68.39

188-769	12V,5A,60W	£26.09
188-781	24V,2.5A,60W	£26.09

SWITCH MODE DESKTOP POWER SUPPLY - LHE18 SERIES

- Input voltage range: 100 to 240VAC
- Energy efficiency Level VI
- Meets CE and UL standards
- LPS compliant
- Operating temperature: 0°C to 40°C
- Protections: short circuit/over load
- C14 input socket



CCTV WALL MOUNTING POWER SUPPLY

- Input Voltage Range 100 to 260Vac
- Fixed UK AC Mains Lead
- Built-in wall mounting tabs
- MTBF 50K Hours



METAL BOX POWER SUPPLY

- Power input: 230Vac
- Battery charging circuit



903-7095 5V 15W £14.00

903-7092 15V 18W £14.00

904-8474 5V 24W £21.30

903-7121 12V 24W £15.40

903-7133 24V 26W £15.40

904-8486 12V 36W £22.75

904-8509 24V 36W £22.75

903-7168 12V 60W £27.00

903-7161 15V 60W £27.00

903-7165 24V 60W £27.00

731-6074 19V, 65W £33.51

904-8480 12V 72W £31.75

904-8503 24V 72W £31.75

904-8499 12V 90W £49.50

904-8492 12V 140W £75.75

904-8512 24V 150W £76.25

904-8496 12V 180W £113.00

904-8519 24V 250W £114.00

125-4240 5V 10W £9.85

125-4241 9V 12W £9.85

125-4242 12V 12W £9.85

125-4243 24V 12W £9.85

125-4245 12V 12W £13.84

125-4246 24V 12W £13.84

125-4247 12V 60W £14.75

125-4248 24V 60W £14.75

774-8194 24Vdc 1A £32.50

774-8207 24Vdc 3A £139.53

774-8210 24Vdc 5A £179.68

MEDICAL APPROVED POWER SUPPLY

- Energy saving compact design
- ErP Level V compliant
- Short circuit, overload and overvoltage protection - auto recovery
- EMC compliance to CISPR 22, EN 55022 Class B
- Harmonic compliance to IEC 6100-3-2 class D

MINI POWER SUPPLIES

- Power input: 230Vac

5 USB OUTPUT POWER SUPPLY 40W

- Overload, short circuit protection
- Lowest standby power consumption
- EU CoC V5 tier 2/ EnergyStar DOE VI



126-2123 12V 30W £33.80

126-2124 24V 30W £31.50

126-2125 12V 63W £46.70

126-2126 24V 63W £46.70

774-8213 12Vdc 1A £22.05

774-8217 24Vdc 500mA £22.05

124-2208 £22.95

CCTV IP66 POWER SUPPLY

- Safety features, over voltage, over temperature and short circuit protection
- MTBF50,000
- Meets CE, CEC LEVEL V, EMC and RoHS standards



916-3905	24Vac 3A	£38.53
916-3885	24Vac 4A	£39.90
124-4715	24Vac 7A	£79.95

SWITCH MODE POWER SUPPLY MODULE

- Input Voltage 230Vac
- Plug in switching adaptor
- Double insulated
- Short circuit, overload protection
- Low standby power consumption
- Energy Star level VI



124-4708	5V 40W	£25.90
124-4709	12V 60W	£25.90
124-4711	24V 60W	£25.90
124-4713	32V 60W	£25.90

12VDC CCTV IP66 POWER SUPPLY

- Universal AC Input
- IP Rated Weatherproof Unit
- Over Voltage, Short Circuit & Over Temp. Protections
- ErP Level V
- MTBF 50,000 hours



828-0122	12V 1A	£31.92
828-0131	12V 1.5A	£33.23
828-0134	12V 2A	£34.66
828-0138	12V 3.5A	£41.79
828-0147	12V 5A	£43.09
828-0162	4 Output 12V 5A	£56.64
828-0166	8 Output 12V 5A	£47.55

WALL MOUNT POWER SUPPLIES BATTERY BACKED

- UK and European input voltage
- Galvanised sheet metal design
- Built-in charger for lead acid batteries
- Power-on indication
- Protections: overload, short circuit and accidental inversion of battery clips
- 100% full load burn-in test



828-0181	13.8V 1.5A	£55.59
828-0184	13.8V 3A	£59.69
828-0197	13.8V 10A	£87.79
828-0190	27.6V 1.5A	£49.37
828-0194	27.6V 2.5A	£74.10
828-0204	27.6V 5A	£87.79

CCTV MULTIPLE OUTPUTS IP66 POWER SUPPLY

- Input Voltage 230Vac
- IP66 Rated Weatherproof Unit
- Multiple Outputs Protected by Quick Blow Fuses



916-3927	12V 5A, 4 Outputs	£33.97
916-3936	12V 10A, 4 Outputs	£39.35
916-3920	12V 10A, 9 Outputs	£39.22
916-3939	12V 10A, 18 Outputs	£41.19
916-3923	12V 20A, 18 Outputs	£61.07

PLUG-IN POWER SUPPLY - MULTIPLE OUTPUTS

- Low cost
- Input Voltage 230Vac
- Voltages selectable via recessed rotary switch
- Power LED indicator
- Double insulation and protection to IP20
- Thermal fuse protection



615-8919	1.5-12Vdc UK plug	£9.99
615-8880	3-12Vdc UK plug	£7.48
737-8158	1.5-12Vdc UK/EU plug	£12.41

PLUG-IN POWER SUPPLIES

- Input Voltage 230Vac
- Very low No-load power consumption
- Regulated output
- ErP level V compliant
- Class II double insulated
- Short circuit, overload voltage and overload current protection
- 1.2 metre (approx.) output lead



726-2769	24V 0.46A	£15.36
726-2707	12V 0.5A	£14.52
726-2952	24V 1.25A	£22.30
726-2801	12V 1.25A	£16.05
726-2996	24V 1.5A	£23.87
726-2898	12V 2.08A	£20.31
816-0103	24V 2.5A	£26.35
726-2980	12V 3A	£23.87
816-0090	12V 5A	£26.35

LEVEL 6 PLUG-IN POWER SUPPLY

- Input Voltage 230Vac
- Class II rated range of power supplies
- UL60950-1 & TUV EN60950-1 approved
- Complies with EN55022 Class B & EN61000-3-2, 3



903-6991	Euro Plug, 5V 6W	£11.40
903-7008	UK Plug, 5V 6W	£11.40
903-6994	Euro Plug, 12V 6W	£11.40
903-7017	UK Plug, 12V 6W	£11.40
903-7010	UK Plug, 15V 6W	£11.40
903-7001	Euro Plug, 24V 6W	£11.40
903-7014	UK Plug, 24V 6W	£11.40
903-7020	Euro Plug, 12V 12W	£12.68
903-7048	UK Plug, 12V 12W	£12.68
903-7042	UK Plug, 15V 12W	£12.68
903-7026	Euro Plug, 5V 12W	£12.68
903-7045	UK Plug, 5V 12W	£12.68
903-7032	Euro Plug, 24V 12W	£12.68
903-7051	UK Plug, 24V 12W	£12.68
903-7058	Euro Plug, 5V 18W	£14.00
903-7076	UK Plug, 5V 18W	£14.00
903-7067	Euro Plug, 12V 18W	£14.00
903-7070	UK Plug, 12V 18W	£14.00
903-7089	UK Plug, 15V 18W	£14.00
903-7064	Euro Plug, 24V 18W	£14.00
903-7082	UK Plug, 24V 18W	£14.00

INTERCHANGEABLE PLUG-IN POWER SUPPLY

- Input Voltage 100 to 260Vac
- Supplied with 4 interchangeable mains plugs, UK, Europe, USA and Australia
- 2.5 x 5.5 x 9.5 mm centre positive output connector
- Short circuit, overload and overvoltage protection - auto recovery



731-6012	24V,0.83A	£18.79
731-6065	24V,1.5A	£21.18
731-6024	12V,1.66A	£18.79
731-6068	12V,3A	£21.18

MINI USB PLUG-IN POWER SUPPLY

- Input Voltage 100 to 260Vac
- Plug in switching adaptor
- Double insulated
- Short circuit, overload protection
- Low standby power consumption
- Energy Star level VI



124-2184	Euro Plug,5V 75W	£5.87
124-2183	Euro Plug, 5V 75W	£5.87
124-2198	Euro Plug,5V 12.5W	£8.80
124-2187	Global Plug,5V 75W	£9.05
124-2186	Global Plug, 5V 75W	£9.05
124-2199	Global Plug,5V 12.5W	£11.15
135-4176	Global Plug,5V 12W	£6.00

USB PLUG-IN POWER SUPPLY

- Class II double insulated
- ErP Step 2 compliant
- EnergyStar Level V
- Overload and short circuit
- Low standby current consumption
- European 2 pin plug
- USB A socket



124-2182	1 Output 75W	£5.29	907-6255	5W	£5.45
124-2193	1 Output 12W	£6.15	124-2185	75W	£8.33
124-2207	4 Outputs 25W	£15.85	899-8592	10W	£6.35

EURO PLUG-IN POWER SUPPLY

- Euro Plug
- Double Insulated
- Short circuit, overload protection
- Low standby power consumption
- Energy Star DOE VI



124-2190	12V 12W	£7.29
124-2179	5V 75W	£6.49
124-2188	5V 12W	£7.29
124-2195	5V 14W	£8.80
124-2200	5V 15W	£10.00
124-2180	9V 75W	£6.49
124-2189	9V 12W	£7.29
124-2196	9V 15W	£8.80
124-2204	9V 22.5W	£12.00
124-2181	12V 75W	£6.49
124-2197	12V 15W	£8.80
124-2202	12V 18W	£10.00
124-2205	12V 24W	£12.00
124-2191	24V 12W	£7.29
124-2203	24V 18W	£10.00
124-2206	24V 24W	£12.00

PLUG-IN USB TYPE A POWER SUPPLY

- Universal AC Input
- Small & Compact Design
- Interchangeable UK, Euro, US and Australian AC Heads
- Over Voltage, Short Circuit and Over Current Protections
- MTBF 50,000 hours



GLOBAL PLUG-IN POWER ADAPTOR 3 PLUGS

- Universal AC Input
- Interchangeable AC plug tops (UK, Euro and USA)
- Level VI efficiency
- 1.5 m DC output cable fitted with 2.1mm DC plug (centre positive)



903-2851	5V 6W	£11.10
903-2879	5V 18W	£15.25
903-2860	9V 6W	£11.10
903-2873	9V 18W	£15.25
903-2863	12V 6W	£11.10
903-2882	12V 18W	£15.25
903-2902	12V 40W	£18.00
903-2867	15V 6W	£11.10
903-2885	15V 18W	£15.25
903-2889	18V 18W	£15.25
903-2876	24V 6W	£11.10
903-2898	24V 18W	£15.25
903-2911	24V 40W	£18.00

GLOBAL PLUG-IN POWER ADAPTOR 4 PLUGS

- Universal AC Input
- Interchangeable AC plug tops (UK, Euro, USA and Australia)
- Level VI efficiency
- 1.5 m DC output cable fitted with 2.1mm DC plug (centre positive)



126-2113	5V 5W	£13.50
903-2891	5V 24W	£15.50
124-4703	5V 12W	£12.10
124-4704	9V 12W	£12.10
126-2117	9V 18W	£16.95
903-2895	9V 24W	£15.50
124-4716	12V 12W	£6.95
126-2118	12V 18W	£16.95
903-2905	12V 24W	£15.50
124-4706	15V 12W	£12.10
124-2192	24V 12W	£12.69
126-2119	24V 18W	£16.95
903-2908	24V 24W	£15.50

HINGED FERRITE SLEEVES - NOISE FILTERS

- Reduces electromagnetic interference
- High attenuation
- Special snap lock



123-2479	Max 4mm cable	£2.40
123-2482	Max 5mm cable	£1.62
123-2483	Max 6.5mm cable	£2.74
123-2485	Max 7mm cable	£1.89
123-2484	Max 7mm cable	£2.34
123-2486	Max 7.5mm cable	£3.20
123-2487	Max 8.1mm cable	£2.40
123-2489	Max 9mm cable	£2.60
123-2491	Max 9.3mm cable	£2.98
123-2492	Max 10mm cable	£3.50
123-2494	Max 11mm cable	£4.22
123-2497	Max 13mm cable	£3.94
123-2499	Max 15mm cable	£3.74

FERRITE SLEEVE - EMI SUPPRESSION

- Size 13mm ID, 26mm OD, 28.5mm Length



124-9620		£8.68
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25W WIRE WOUND POWER RESISTOR

- Aluminium Housed
- Tolerance ±5%
- Dimensions 51 x 28 x 14.6mm
- Designed for direct heatsink mounting
- MIL 18546, IEC 115 compliant



131-1252 1Ω

£9.11

131-1254 2.2Ω

£6.84

131-1255 2.7Ω

£9.11

131-1256 3.3Ω

£9.11

131-1257 3.9Ω

£9.11

131-1259 5Ω

£9.11

131-1260 6.8Ω

£9.11

131-1261 75Ω

£9.11

131-1262 10Ω

£9.11

131-1263 16Ω

£9.11

131-1264 20Ω

£9.11

131-1265 22Ω

£9.11

131-1266 25Ω

£6.84

131-1267 33Ω

£9.11

131-1269 47Ω

£6.84

131-1271 68Ω

£6.84

131-1273 82Ω

£9.11

131-1274 100Ω

£9.11

131-1276 1Ω

£10.89

131-1277 1.5Ω

£10.89

131-1286 10Ω

£10.89

131-1287 15Ω

£9.44

131-1278 2.2Ω

£9.44

131-1279 2.7Ω

£9.44

131-1280 3.3Ω

£10.89

131-1281 3.9Ω

£9.44

131-1282 4.7Ω

£10.89

131-1283 5Ω

£10.89

131-1284 6.8Ω

£9.44

131-1285 75Ω

£10.89

131-1289 200Ω

£8.88

131-1291 250Ω

£10.89

131-1292 330Ω

£8.88

131-1293 390Ω

£8.88

131-1294 470Ω

£8.88

131-1295 500Ω

£10.89

131-1296 680Ω

£9.44

131-1275 82Ω

£10.89

131-1299 100Ω

£10.89

50W WIRE WOUND POWER RESISTOR

- Aluminium Housed
- Tolerance ±5%
- Dimensions 72.5 x 29.7 x 14.8mm
- Designed for direct heatsink mounting
- MIL 18546, IEC 115 compliant



131-1276	1Ω	£10.89
131-1277	1.5Ω	£10.89
131-1286	10Ω	£10.89
131-1287	15Ω	£9.44
131-1278	2.2Ω	£9.44
131-1279	2.7Ω	£9.44
131-1280	3.3Ω	£10.89
131-1281	3.9Ω	£9.44
131-1282	4.7Ω	£10.89
131-1283	5Ω	£10.89
131-1284	6.8Ω	£9.44
131-1285	75Ω	£10.89
131-1289	200Ω	£8.88
131-1291	250Ω	£10.89
131-1292	330Ω	£8.88
131-1293	390Ω	£8.88
131-1294	470Ω	£8.88
131-1295	500Ω	£10.89
131-1296	680Ω	£9.44
131-1275	82Ω	£10.89
131-1299	100Ω	£10.89

100W WIRE WOUND POWER RESISTOR

- Aluminium Housed
- Tolerance ±5%
- Dimensions 88 x 475 x 24.1mm
- Designed for direct heatsink mounting
- MIL 18546, IEC 115 compliant



131-1302	1Ω	£5.78
131-1303	1.5Ω	£4.02
131-1305	3.3Ω	£4.02
131-1306	4.7Ω	£4.02
131-1307	5Ω	£4.02
131-1308	6.8Ω	£4.02
131-1309	100Ω	£4.02
131-1310	150Ω	£4.02
131-1311	200Ω	£4.97
131-1312	250Ω	£4.02
131-1313	330Ω	£4.02
131-1314	500Ω	£4.29
131-1315	680Ω	£4.02
131-1316	75Ω	£5.66
131-1317	82Ω	£4.02
131-1318	100Ω	£4.02

PANEL MOUNT WIREWOUND POTENTIOMETER

- Robust construction
- Good linearity (1% typical)
- Shaft Ø6.35mm L:68mm* (metal)
- Power Rating 1.5W
- Tolerance ±10%



812-803	500Ω	£33.78
812-819	1kΩ	£34.45
812-825	2kΩ	£34.45
812-831	2.5kΩ	£33.78
812-847	5kΩ	£34.45
812-853	10kΩ	£34.45
812-881	50kΩ	£33.78

FERRITE SLEEVE

- Minimum 8dB of EMI attenuation on data and power cables
- Reduces E.M.I. for compliance with CISPR 22, B.S. 6527, FCC and VDE limits.



239-056	6.35mm ID	£11.24
239-062	12.7mm ID	£24.46

CHASSIS MOUNT RFI FILTER

- A self-contained RFI suppression filter
- Provides high attenuation to unwanted RFI
- Operating Voltage 250V a.c. max.
- Line Frequency 50/60Hz
- Maximum Current Rating 5A



240-696	£132.09
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RFI FILTER

- Line Frequency 50 / 60Hz
- Operating Voltage 115 to 250V a.c.
- Insulation Resistance 6000MΩ (100V d.c.)
- Climatic Category IEC68 25/85/21 DIN 40040
- 250Vac



PI-SECTION RFI SUPPRESSION FILTERS

- Maximum Current Rating 10A



239-191	1500pF	£10.61
239-208	5000pF	£11.98
239-214	5000pF	£7.70

RFI FILTER WITH EARTH LINE CHOKE

- Operating Voltage 115 to 250V a.c.
- Insulation Resistance 6000MΩ (100V d.c.)
- Earth Choke 0.4mH
- Temperature Range -25°C to +85°C
- Approvals, CSA, VDE, SEMKO, MKO, UL recognised.

240-719	6A	£38.59
240-731	16A	£62.43

LIGHTNING AND RFI FILTER

- Lightning and RFI Protectors
- Designed to repeatedly handle surges of up to 6000V and 3000A
- Meets BS 6651:1992 Appendix C for Lightning protection
- Fully tested to IEC1000-4-5 and IEC1000-4-6
- Operating Voltage 250Vac



325-6543	5A	£122.98
325-6559	10A	£133.69

CERAMIC DIELECTRIC RFI SUPPRESSION FILTER

- Maximum Voltage Rating 200 Vdc



239-163	Green lead through filter, 330pF	£8.16
239-179	Red lead through filter, 4700pF	£12.27
239-185	Black lead through filter, 22000pF	£14.84
239-898	6A	£36.00
239-905	10A	£15.17



TWO STAGE RFI FILTER

- Very high attenuation
- Designed for sensitive electronic equipment
- Capacitor discharge resistor is included
- Operating Voltage 115 to 230Vac
- Maximum Current Rating 10A



239-860

£34.28

PRECISION POSITION POTENTIOMETER

- Glass filled nylon bodied sensor
- 10mm electrical stroke and spring loaded plunger
- Use as a potential divider (not variable resistor)
- Linearity of $\pm 2\%$ & Temperature Coefficient of $\pm 200 \text{ ppm } / ^\circ\text{C}$



317-780

THREE PHASE MOTOR SUPPRESSOR

- Delta connected
- 500V, 50-60Hz
- Flexible wire ended
- DIN rail mounting
- Contact arc suppressors
- Designed to be connected across switching contacts

**SURGE & NOISE SUPPRESSOR**

- Includes EMI / RFI filter
- Line Frequency 50-60Hz
- RFI Attenuation 73dB Series Mode ; 70dB Common Mode
- BS6651 App. C, Comb. Wave 1.2/50 μ s
- DIN Rail Mounting



206-7926

£270.52

RFI FILTER

- 600 KHz to 100MHz
- Maximum Voltage Rating 250Vac



210-443	1A	£16.13
210-459	3A	£18.68
210-465	6A	£22.54
209-257	10A	£16.45

240-400 Delta Connected, 100nF, 100Ω £19.63

240-393 Single Phase, 100nF, 100Ω £12.78

PSTN MODEM & TELEMETRY PROTECTOR (BT PLUG)

- Meets BS6651:1992 Appendix C
- BABT tested and approved
- Fully tested to IEC1000-4-5
- Low let-through voltage
- Mains voltage cross-over protection
- Fitted BT plug
- Auto-reset



240-179	225V, 360J	£12.73
240-236	275V, 800J	£28.41
240-135	420V, 530J	£12.23
240-242	460V, 1100J	£32.00
240-208	484V, 550J	£11.88
240-157	484V, 650J	£7.42



325-6537	£227.89	813-430	£12.13
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CAPACITORS & KNOBS

AXIAL THROUGH HOLE FOIL CAPACITOR

- High insulation resistance
- Connection indicated by coloured end
- Maximum operating temperature lower than for polyester and polycarbonate types
- 160Vdc



113-263	100pF ±2.5%	£12.72
113-207	10pF ±10%	£15.73
113-320	1nF ±2.5%	£13.80
113-342	2.2nF ±2.5%	£13.59
113-285	220pF ±2.5%	£13.09
113-229	22pF ±4.5%	£13.66
113-291	330pF ±2.5%	£13.62
113-364	4.7nF ±2.5%	£21.98
113-308	470pF ±2.5%	£12.72
113-386	6.8nF ±2.5%	£25.98
113-314	680pF ±2.5%	£12.97

POLYPROPYLENE CAPACITOR SCREW MOUNT

- Metallised polypropylene motor run capacitor
- 440Vac
- Tolerance ±10%
- Encapsulated in a non-flammable plastic
- Applications with continuous operation
- UL94V0



196-4618	20μF	£9.20
196-4624	25μF	£10.04
196-4630	30μF	£11.55
196-4523	3μF	£3.39
196-4539	4μF	£3.48
196-4567	8μF	£4.98
196-4725	1.5μF	£4.18
196-4804	10μF	£6.86
196-4731	2μF	£3.73
196-4753	4μF	£4.85
196-4775	5μF	£5.19
196-4781	6μF	£5.43
196-4797	8μF	£7.54

POINTER KNOB WITH WHITE INDICATOR

- Moulded pointer knob with an index line
- A metal bush is incorporated with grub screw fixing
- Suitable for 6.35mm (1/4 inch) diameter shaft
- Sold in a Pack of 5



223-742 £3.02

KNOB WITH WHITE INDICATOR

- Moulded from ABS
- Hexagonal grub screw fixing
- Sold in a Pack of 5



259-6878	Black Cap, Shaft Size 3.175mm, 16.2mm Knob Dia	£3.19
259-6913	Black Cap, Shaft Size 6mm, 16.2mm Knob Dia	£6.41
259-6979	Black Cap, Shaft Size 6.35mm, 21mm Knob Dia	£3.50
259-7039	Black Cap, Shaft Size 6mm, 28mm Knob Dia	£3.68
259-7045	Grey Cap, Shaft Size 6mm, 28mm Knob Dia	£3.67
259-6935	Red Cap, Shaft Size 6.35mm, 16.2mm Knob Dia	£2.92
259-6963	Red Cap, Shaft Size 6.35mm, 21mm Knob Dia	£5.24
259-6991	Red Cap, Shaft Size 6.35mm, 28mm Knob Dia	£3.86

BLACK KNOB

- Nylon material with metal bushes
- 6.35mm diameter shaft
- White indicating line
- Grub Screw
- Sold in a Pack of 5



466-4995	21mm Dia.	£3.62
466-5005	28mm Dia.	£3.73

FLUTED ALUMINIUM KNOB

- Fluted edge knobs with position indicating indent
- Single grub screw fixing
- 6.4mm Shaft



498-873	20mm Dia	£2.70
498-867	25mm Dia	£3.03
498-851	30mm Dia	£3.23

SPUN ALUMINIUM KNOB

- With position indicating line
- Grub-screw fixing
- Shaft Size 6.4mm
- Knob Diameter 22mm



499-949	£2.17
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BRUSHED FINISH KNOBS

- Solid knob with position indicating slot
- Single grub-screw fixing
- Shaft Size 6.35mm



498-845	Black 16mm Dia	£2.00
498-839	Black 22mm Dia	£2.70
498-823	Black 28mm Dia	£2.68
498-902	Natural finish 22mm Dia	£2.22
498-895	Natural finish 28mm Dia	£2.78

SILVERED MICA CAPACITORS

- Voltage 500 V dc
- Timing circuits



495-868	1nF	£15.10
495-925	4.7nF	£6.96
495-616	4.7pF	£9.09
495-947	8.2nF	£19.13
495-638	10pF	£9.09
495-694	39pF	£9.93
495-723	68pF	£10.34
495-789	220pF	£11.04
495-802	330pF	£12.03
495-818	390pF	£12.30
495-824	470pF	£13.14

R-T CURVE THERMISTOR

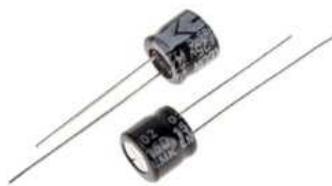
- Resistance Temperature matched thermistors



151-215	3kΩ	£2.29
151-221	5kΩ	£2.42
151-237	10kΩ	£2.16
151-243	100kΩ	£2.16

ELECTROLYTIC CAPACITOR

- Aluminium 220μF 25Vdc 8mm Through Hole
- Sold in a Pack of 50

**707-5830**

£7.87

LOW PROFILE KNOB

- Shaft Size 6.35mm
- Sold in a Pack of 5

**516-7833**

£2.08

516-7861

£2.75

516-7805

£1.27

516-7849

£1.77

516-7760

£1.68

581-868	Knob Diameter 14mm	£8.51
581-874	Knob Diameter 21.1mm	£9.64

SKIRT STYLE BLACK KNOB

- Shaft Size 6.35mm
- Sold in a Pack of 5

**COLLET KNOBS**

- 6.35 mm for fitting on spindle

**POTENTIOMETER KNOB CAP**

- Cap for gloss finish collet knobs



CARBON FILM RESISTORS 0.25W

- Axial Through Hole
- $\pm 5\%$ tolerance
- Long-term stability
- Tested to IEC 115 and IEC 115-2
- Resistor body: 2.3mm diameter, 6.3mm length
- Sold in a Pack of 10



707-7824	100k Ω	£1.16
707-7587	100 Ω	£1.15
707-7745	10k Ω	£1.00
707-7599	120 Ω	£1.16
707-7757	12k Ω	£1.16
707-7603	150 Ω	£1.16
707-7760	15k Ω	£1.00
707-7666	1k Ω	£1.00
707-7678	1.2k Ω	£1.00
707-7681	1.5k Ω	£1.00
707-7903	1M Ω	£1.16
707-7612	220 Ω	£1.12
707-7779	22k Ω	£1.16
707-7690	2.2k Ω	£1.00
707-7704	2.7k Ω	£1.16
707-7622	330 Ω	£1.12
707-7701	3.3k Ω	£1.12
707-7883	470k Ω	£1.16
707-7647	470 Ω	£1.16
707-7805	47k Ω	£1.15
707-7726	4.7k Ω	£1.00
707-7644	560 Ω	£1.12
707-7723	5.6k Ω	£1.16
707-7735	6.8k Ω	£1.16
707-7669	820 Ω	£1.16

CARBON FILM RESISTORS 1W

- Axial Through Hole
- $\pm 5\%$ tolerance
- Long-term stability
- Tested to IEC 115 and IEC 115-2
- Resistor body: 3.2mm diameter, 9mm length
- Sold in a Pack of 10



707-8669	1k Ω	£0.51
707-8704	10k Ω	£1.48
707-8634	120 Ω	£1.48
707-8653	560 Ω	£1.48

ALUMINIUM ELECTROLYTIC CAPACITOR

- 400Vdc
- Through Hole



731-5264	150 μ F, Sold in a Pack of 2	£3.60
706-3351	470 μ F	£9.79

CARBON FILM RESISTORS 0.5W

- Axial Through Hole
- $\pm 5\%$ tolerance
- Long-term stability
- Tested to IEC 115 and IEC 115-2
- Resistor body: 2.3mm diameter, 6.3mm length
- Sold in a Pack of 10



707-8221	1k Ω	£0.29
707-8233	1.2k Ω	£1.27
707-8255	2.2k Ω	£1.27
707-8280	4.7k Ω	£1.27
707-8300	10k Ω	£1.21

CARBON FILM RESISTORS 2W

- Axial Through Hole
- $\pm 5\%$ tolerance
- Long-term stability
- Tested to IEC 115 and IEC 115-2
- Resistor body: 3.2mm diameter, 9mm length
- Sold in a Pack of 10



707-8861	1k Ω	£0.80
707-8902	8.2k Ω	£0.76
707-8906	10k Ω	£0.80
707-8940	100k Ω	£0.80

AXIAL ALUMINIUM ELECTROLYTIC CAPACITOR

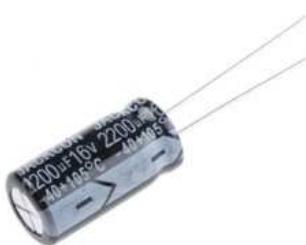
- Safety vent construction design
- Through Hole



707-6650	1000 μ F 25V, Sold in a Pack of 5	£3.44
707-6657	1000 μ F 50V, Sold in a Pack of 2	£2.93
707-6666	1000 μ F 63V, Sold in a Pack of 2	£3.95
707-6559	100 μ F 63V, Sold in a Pack of 10	£5.73
707-6679	2200 μ F 50V, Sold in a Pack of 2	£4.80
707-6455	22 μ F 450V, Sold in a Pack of 2	£3.38
707-6704	4700 μ F 16V, Sold in a Pack of 5	£7.15
707-6708	4700 μ F 25V, Sold in a Pack of 2	£4.58
707-6625	470 μ F 16V, Sold in a Pack of 10	£3.95
707-6635	470 μ F 63V, Sold in a Pack of 5	£6.12
707-6528	47 μ F 250V, Sold in a Pack of 2	£3.28

RADIAL ALUMINIUM ELECTROLYTIC CAPACITOR

- Safety vent construction design
- Through Hole



711-1006	2,200µF 16V, Sold in a Pack of 10	£2.53
711-1148	1,000µF 25V, Sold in a Pack of 25	£5.07
711-1312	1,000µF 35V, Sold in a Pack of 10	£2.98
711-1407	1µF 50V, Sold in a Pack of 100	£3.51
711-1346	2,200µF 35V, Sold in a Pack of 5	£2.49
711-1374	4,700µF 35V, Sold in a Pack of 2	£2.93
711-1526	4,700µF 50V, Sold in a Pack of 2	£3.49
711-1110	470µF 25V, Sold in a Pack of 25	£2.34
711-1292	470µF 35V, Sold in a Pack of 25	£4.93
711-1475	470µF 50V, Sold in a Pack of 10	£3.01
711-1539	5,800µF 50V, Sold in a Pack of 2	£2.28
711-1481	680µF 50V, Sold in a Pack of 10	£4.40
711-1637	1,000µF 63V, Sold in a Pack of 5	£4.23
711-1668	4,700µF 63V, Sold in a Pack of 2	£5.12
711-2166	100µF 450V, Sold in a Pack of 2	£4.05

ROUND MINIATURE SPEAKERS

- PCB Mounting
- High sound output
- Requires external drive circuit to operate



780-0719	32Ω, 0.2W, Sold in a Pack of 5	£5.13
724-3100	8Ω, 0.08W, Sold in a Pack of 2	£2.03

MINIATURE SPEAKER

- 8Ω, 1W
- Panel mount
- Flying leads
- High sound output
- Requires external drive circuit to operate



724-3112	£4.62
	804-9069 470kΩ

0201 PACKAGE THICK FILM RESISTOR

- 47kΩ
- Tolerance ±1%
- Highly reliable multilayer electrode construction
- Compatible with all soldering processes
- Sold as 1 Reel 15,000



716-7816	£105.74
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0402 PACKAGE THICK FILM RESISTOR

- Tolerance ±1%
- Highly reliable multilayer electrode construction
- Compatible with all soldering processes
- Sold as 1 Reel 10,000



0603 PACKAGE THICK FILM RESISTOR

- Tolerance ±1%
- Highly reliable multilayer electrode construction
- Compatible with all soldering processes
- Sold on a Reel of 5,000



804-8748	£3.57
804-8760	£3.77
804-8776	£3.87
804-8836	£3.57
804-8845	£3.61
804-8855	£3.77
804-8921	£3.56
804-8959	£3.57
804-8952	£3.77
804-8987	£3.77
804-8974	£3.77
804-8993	£3.57
804-9000	£3.56
804-9019	£3.57
804-9034	£3.77
804-9069	£3.77

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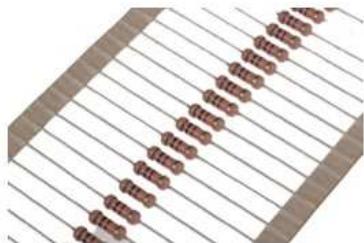
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804-9000	£3.56
804-9019	£3.57
804-9034	£3.77
804-9069	£3.77

INDUCTORS & CHOKES

CARBON FILM RESISTOR 1W

- 1kΩ
- Axial Through Hole
- ±5%



739-7095

£42.86

SHIELDED SMD CHOKE

- Wire Wound
- High impedance common mode chokes
- Shielded providing excellent noise suppression
- Suitable for high speed digital equipment (USB/IEEE)
- Pb-free construction & RoHS compliant



0805 TYPE WIRE WOUND INDUCTORS

- 47nH
- 500mA
- Ceramic core
- Ultra compact
- Sold on a Reel of 1,000



WIRE WOUND SMD INDUCTOR

- Magnetically shielded which results in a low leakage field
- Wire Wound
- High saturation current
- High reflow temperature compatible
- Suitable applications DC/DC converters



UNSHIELDED SMD POWER INDUCTORS

- Wire Wound
- Compact design



0309 TYPE RF AXIAL CHOKE

- Ferrite based coil



124-5618	1000uH, 480mA, Type 105, Sold in a Pack of 25	£6.31
124-5605	10uH, 3.8A, Type 104, Sold in a Pack of 25	£5.72
124-5620	150uH, 950mA, Type 24, Sold in a Pack of 25	£6.42
124-5606	15uH, Type 104, 3.1A, Sold in a Pack of 25	£5.72
124-5583	2.2uH, 8A, Type 27, Sold in a Pack of 20	£6.76
124-5589	220uH, 172A, Type 29, Sold in a Pack of 10	£7.54
124-5609	220uH, 700mA, Type 104, Sold in a Pack of 25	£5.72
124-5610	330uH, 520mA, Type 104, Sold in a Pack of 25	£5.72
124-5615	330uH, 750mA, Type 105, Sold in a Pack of 25	£6.31
124-5584	4.7uH, 6.8A, Type 27, Sold in a Pack of 20	£6.76
124-5603	4.7uH, 5.4A, Type 104, Sold in a Pack of 25	£5.72
124-5586	47uH, 3.45A, Type 29, Sold in a Pack of 10	£7.54
124-5604	6.8uH, 4.5A, Type 104, Sold in a Pack of 25	£5.72
741-8962	22uH, 3.6A, Type 27, Sold in a Pack of 5	£1.62
123-4659	10uH, 1.84A, Type 74, Sold in a Pack of 10	£4.21
123-4664	220uH, 370mA, Type 74, Sold in a Pack of 10	£3.33
123-4658	100uH, 600mA, Type 74, Sold in a Pack of 10	£4.21

124-5575	150uH, 1A, Type 31, Sold in a Pack of 20	£6.24
124-5573	2.2uH, 6.1A, Type 31, Sold in a Pack of 20	£6.24
124-5576	220uH, 800mA, Type 31, Sold in a Pack of 20	£6.24
124-5571	330uH, 160mA, Type 16, Sold in a Pack of 10	£4.42
124-5574	47uH, 1.8A, Type 31, Sold in a Pack of 20	£6.24
124-5577	680uH, 400mA, Type 31, Sold in a Pack of 20	£6.24
124-5570	22uH, 800mA, Type 16, Sold in a Pack of 10	£4.42
124-5570	22uH, 800mA, Type 16, Sold in a Pack of 10	£4.42
740-9505	68uH, 3.5A, Type 52, Sold in a Pack of 5	£3.92

228-179	100uH, 550mA	£2.08
228-141	10uH 750mA	£1.87
228-113	1uH 3.3A	£1.88
228-129	2.2uH 2.5A	£0.37
228-185	220uH 320mA	£0.31
228-135	4.7uH 17A	£0.31
228-163	47uH 760mA	£1.92

ELECTROMAGNETIC BUZZER SURFACE MOUNT

- Square cased
- High sound output buzzer
- 5Vdc, 88dB, 2.4KHz
- Sold in a Pack of 5



457-037

£10.61

PANEL MOUNT BUZZER

- Compact size
- Continuous tone
- 6.3 x 0.8mm faston connector
- Electromechanical, 220Vac 80dB



SLOW PULSE PANEL MOUNT BUZZER

- Panel hole mounting pulsed tone buzzer
- 6.3 x 0.8mm faston connector
- Slow pulse tone buzzer 60 to 250Vac/dc
- 82dB, 2.3 to 3.3KHz



622-1562

£11.52

FAST PULSE PANEL MOUNT BUZZER

- Panel mounting multifunction buzzer
- three or more 6.3 x 0.8mm faston connectors
- 6 to 28Vdc, 97dB, 3.1 to 4.1KHz



535-8411

£11.64

PANEL MOUNT BUZZER SCREW TERMINALS

- Compact size
- Continuous tone
- 4 to 28Vdc, 98dB, 2.3 to 3.3KHz



PANEL MOUNT PULSED BUZZER

- Screw terminals
- High output levels



457-043	Fast Pulse 60 to 220Vac/dc, 91dB, pk 5	£33.96
535-8360	Fast Pulse, 6 to 28Vdc, 80dB, Each	£6.90
535-8499	Slow Pulse, 6 to 28Vdc, 80dB, Each	£7.90
622-1483	Slow Pulse, 6 to 28Vdc, 85dB, Each	£8.38

FLANGED MOUNT BUZZER

- Flying lead connections
- High output levels
- Continuous tone



617-3097	1.5 to 20Vdc, 96dB, 2.3 to 3.3KHz	£2.43
622-1540	3 to 16Vdc, 100dB, 2 to 3KHz	£6.48
622-1499	3 to 20Vdc, 73dB, 2.6 to 3.6KHz	£2.08
511-7636	3 to 16Vdc, 90dB, 3.2 to 4.2KHz	£3.10
724-3184	9 to 15Vdc, 75dB, 300 to 500Hz	£1.91
622-1455	8 to 16Vdc, 79dB	£2.22
622-1449	20 to 28Vdc, 76dB	£2.14

FLANGED MOUNT PULSED BUZZER

- Flying lead connections
- High output levels



622-1506	5 to 20Vdc, 88dB, 2.3 to 3.3KHz	£3.99
535-8310	3 to 28Vdc, 81dB, 2.3 to 3.3KHz	£3.40

FLANGED MOUNT CONTINUOUS TONE BUZZER

- Flying lead connections
- High output levels



622-1578	3 to 28Vdc, 85dB, 2 to 3KHz	£2.12
457-027	1.5 to 28Vdc, 95dB, 3 to 4KHz	£12.41
535-8269	4 to 28Vdc, 82dB, 3 to 4KHz	£3.01



WHEN EFFICIENCY MATTERS

Because energy efficiency matters.

Power costs are continually rising, and energy efficiency is not just the pure energy you'll be saving but it's also time and money. Optimize your power consumption with RS PRO energy efficient products to keep your plant running for less.



TEST & MEASUREMENT

346 TEST LEADS & TERMINALS

349 ELECTRICAL TEST EQUIPMENT

352 MULTIMETERS & CLAMPMETERS

**356 OSCILLOSCOPES, GENERATORS &
POWER SUPPLIES**

359 ENVIRONMENTAL MEASUREMENT

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375 MAGNIFIERS & MICROSCOPES

**378 LEVER INDICATORS &
TACHOMETERS**



RS PRO is the only global brand that gives you every part you need across five industry categories at the quality and price you expect.

rspro.com



TEST LEAD SETS

- A range of lead sets for multimeters, loop testers and other electrical test equipment
- Options include fused or unfused, plus a range of probes, grabbers, croc clips



125-3730	Fused for loop & RCD testers	£37.30
125-3731	Fused with right angled plug CATIII 1000V	£32.08
125-3732	Fused with straight plug CATIII 1000V	£32.08
125-3733	With croc clips CATIII 1000V	£30.36
125-3734	Fused probes CATIII 1000V, GS38	£21.69
125-3735	With probes, grabbers, croc clips CATIII 1000V	£20.43
125-3736	Set to CATIV 600V, CATIII 1000V	£16.01
125-3737	GS38 fused test prods CATIII 1000V	£15.04
125-3740	Crocodile Clips CATIII 1000V	£6.69
125-3739	Sprung Hook Grabbers CATIII 1000V	£7.44

SPRING-LOADED PROBES

- Ideally suited for automatic test equipment (ATE) and test jigs, where fast testing of multipoint PCBs and sub-assemblies is required
- With a choice of tip format and pitch
- Receptacles available separately, e.g. 261-5244
- Having the probe separate from the receptacle allows easy replacement of damaged spring test probes without disturbing the wiring
- Supplied in a pack of 5



261-5137	Point 1.27mm pitch	£12.34
261-5187	Point 2mm pitch	£8.13
261-5109	Flat 2.54mm pitch	£6.44
261-5092	Rounded 2.54mm pitch	£6.40
261-5165	Crosscut 2mm pitch	£8.17
542-4962	Crosscut 2.54mm pitch	£13.33
261-5121	Concave 1.27mm pitch	£9.29
261-5171	Concave 2mm pitch	£7.94
542-4984	Concave 2.54mm pitch	£11.41
261-5159	Needle 1.27mm pitch	£10.05
261-5193	Needle 2mm pitch	£9.76
542-4990	Needle 2.54mm pitch	£8.70

PROBE RECEPTACLES

- Receptacles designed for use with spring test probes with a choice of pitch and termination type
- Having the probe separate from the receptacle allows easy replacement of damaged spring test probes without disturbing the wiring
- Can be push fitted into the mounting plate to provide an airtight seal without the use of adhesives
- Supplied in a pack of 5



261-5250	Crimp receptacle for 2mm pitch probe	£3.96
261-5244	Wire-wrap receptacle for 2.54mm probe	£3.88
434-784	Solder receptacle for 2.54mm pitch probe	£2.74

INSULATED CROCODILE CLIPS

- 600V CAT III / 1000V CAT II rated
- Shrouded crocodile clips with a substantial finger-guard
- Jaws open to a maximum distance of 24 mm
- 10A rating
- 4mm connector



5A BARE CROCODILE CLIP

- Made of nickel-plated steel
- Accommodates 4 mm banana plugs
- Jaw opening 15mm
- Supplied in a pack of 10



MINIATURE INSULATED CROCODILE CLIP

- Nickel-plated
- Supplied with PE insulated covers
- Available in both red and black
- Crimped connection
- Supplied in a pack of 10



483-859	Black	£2.16
483-843	Red	£2.16

30A INSULATED TERMINALS

- Large insulated terminals ideal for high current (30A max) power supplies and chargers
- Moulded with phenolic resin, metal parts nickel-plated brass
- Thread size 0 BA
- Temperature range -25°C to +85°C
- Max Voltage 3000V



30A NON-INSULATED TERMINALS

- Made from nickel-plated brass
- Used to terminate a single wire in test and measurement applications
- Thread Size 2BA
- For Uninsulated and Wired Terminals
- Supplied in a pack of 5



500MM TEST LEADS BUNDLE

- Leads terminated at each end with insulated crocodile clips
- Supplied as a set of 10 leads
- Pairs of red, black, green, yellow and white



161-6511		£6.34
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HV CROCODILE CLIPS AND LEADS

- The crocodile clips and leads are for use of up to 5000V, with a maximum allowable current of 10A
- Max jaw opening of 20 mm
- The test leads are fitted with a 4mm safety banana plug at each end
- 1m lead length



423-3169	Red Crocodile Clip	£15.38
423-3153	Black Crocodile Clip	£12.30
423-3197	Red HV Lead	£24.67
423-3175	Black HV Lead	£24.67

4MM STACKABLE TEST LEADS

- PVC insulated test lead with a stackable 4mm banana plug at each end
- Offers additional versatility
- Rating 2.5A, 50Vac
- Insulation Material UL94V-0 PVC



668-4572	0.5m Black	£2.30
668-4581	0.5m Red	£2.30
668-4584	1m Black	£2.32
668-4588	1m Red	£2.42

INSULATED ALLIGATOR CLIPS

- Featuring insulating vinyl covers
- Suitable for a vast variety of applications



738-5850	Black	£0.34
738-5856	Red	£0.39

MODULAR LEAD STORAGE RACK

- Offers convenient storage for test leads and other cable assemblies
- Comprises aluminium rail (mounting screws provided) and fifteen moulded hooks which may be snapped into the rail in any position
- Mounts on any vertical surface
- Assembled size is 350 x 46 x 81 mm



668-4597		£16.01
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4MM BANANA PLUGS

- For cable Ø7.1mm on insulation and 5.5 mm on conductor
- Solder fitting
- Stainless steel contact
- Rated 50V, 10A
- Supplied in a pack of 10



103-7637	Red	£9.07
103-7621	Black	£8.26

STACKABLE TEST LEADS PAIR

- Available in 0.5m or 1m lengths
- Kits include one black cable and one red cable
- Made using very flexible cable
- Each end is terminated using a 4mm stackable banana plug



273-9413	0.5m	£3.61
273-9429	1m	£4.35

4MM INSULATED TERMINALS

- High-quality moulded parts in acetal
- Contact material Nickel plated brass
- Accepts standard 4mm plug in top
- Rated 50Vdc, 16A
- Choice of colours, supplied in a pack of 5



423-201	Black	£8.36
423-217	Blue	£6.73
423-447	Brown	£6.27
423-223	Green	£7.58
423-239	Red	£8.39
423-251	White	£6.87
423-245	Yellow	£6.87

TERMINAL POSTS - SMALL

- Accepts 4mm unshrouded plugs in the top or in the cross hole at the side
- Castellated tops to give additional torque when wires are clamped
- 30A rating
- Supplied in a pack of 5



677-8740	Black	£8.60
677-8746	Red	£8.60

PANEL TERMINAL POST ASSEMBLY

- Combined red and black 4mm terminals
- Accepts 4mm unshrouded plugs in the top or in the cross hole at the side
- Castellated tops to give additional torque when wires are clamped
- 30A rating



677-8759		£4.07
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TEST & MEASUREMENT

MOUNTING PLATE FOR SMALL PANEL TERMINALS

- Designed to secure twin small panel terminals in place, resulting in a typical terminal post assembly
- The two separate parts fit together easily and are held together by the panel terminal fittings
- Results in a safe and secure connector assembly



404-856 £1.99

TEST TERMINALS

- Phosphor bronze terminals solder tinned
- Spring action prevents through hole damage and ensures a solid fit prior to soldering
- Borosilicate sintered high temperature glass beads in 5 colours, ideal for prototyping
- Suitable for attaching probes/discrete wires



262-2179	Black 1mm	£14.54
262-2191	Green 1mm	£14.54
262-2185	Red 1mm	£14.54
262-2040	White 1mm	£14.54
262-2034	Yellow 1mm	£3.50
262-2214	Black 1.32mm	£14.54
262-2236	Green 1.32mm	£14.14
262-2220	Red 1.32mm	£14.54
262-2062	White 1.32mm	£14.54
262-2056	Yellow 1.32mm	£14.14

INSULATED MULTIMETER TEST LEAD SET

- Suitable for most instruments including units that do not accept shrouded 4mm safety plugs
- Complies to EN61010 1000V CATII
- 2x 1.2m long leads (red and black) with shrouded 4mm plug (probe end) and retractable 4mm plug (equipment end)
- Also contains 2 of each sprung hooks, test prods, crocodile clips, spade terminal connectors



340-2421 £27.53

FUSED TEST LEADS 600V CAT III

- A 500mA, 50kA breaking capacity fuse is fitted to provide protection against electrical arcing being sustained through the test leads
- Probe tips are shrouded leaving only 2mm of exposed metal to prevent inadvertent bridging of live conductors
- Double insulated silicon rubber cable indicates wear and damage to the leads via white inner layer of insulation
- Safety crocodile clips with finger guards are available with certain kits



212-966	Right angled plug set	£31.27
204-583	Right angled plug set with removable croc clips	£34.51
204-599	Straight plug set with removable croc clips	£34.51

2MM THIN PROBE SET

- Thin fine insulated prods with screw-in thin spike
- IEC 61010 Category 1000V CAT III
- Current Rating 10 Amps
- Double/Reinforced insulation
- Designed as screw-on accessory for 600V fuse probe 212-966, 204-583, 204-599 above



262-7770		£9.36
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MULTIMETER LEAD SETS IN POUCH

- Practical lead sets supplied in a durable grey pouch with attractive yellow piping
- Standard set has a wide range of accessories for taking measurements in most situations
- Fused set has extra fused test probes complying with the requirement of GS38 safety guidance for use on high energy circuits while taking voltage measurements
- Both sets comply with IEC1010-1 cat III 600 V safety standard



731-5273	Fused set	£45.91
731-5277	Non-fused set	£36.92
375-5422		£21.50

TEST CLIP SETS

- 264-7881 is suitable for B3.85 and 87 1000V Cat III models
- 816-170 is suitable for use with Fluke 10/70/80 series multimeter test prods



264-7881	CATIII 1000V	£11.20
816-170	CAT II 1000V / CAT III 600V	£7.50

IVT VOLTAGE TESTERS

- 2 pole test with LED indication (or 2000 count digital display on IVT20)
- Continuity function
- IVT20 also adds resistance and frequency measurement
- Ultra bright white LED torch
- CAT IV 600 V/CAT III 750 V



124-1961	IVT10	£39.00
124-1962	IVT20	£56.00

MAGNETIC FIELD INDICATOR

- Lights up when in the presence of a magnetic field
- It responds to all kinds of magnetic fields
- Ideal for testing operating solenoid valve and relays with coils



LEAKAGE CURRENT CLAMP METER

- ILCM03A has a large 4000 count 3 digit LCD with analog bar graph
- 40 mA, 400 mA, 4 A, 40 A, 60 A measuring ranges
- 10µA high resolution
- 30mm diameter conductor jaw capacity
- 400Vac voltage range
- 400Ω resistance and continuity range with beeper below 40Ω



123-2204 £166.00

IPM3000N HVAC CLAMP METER

- 10,000 count dual display LCD with true rms current & voltage measurement
- True and apparent power and phase angle measurement (kW, kVA, Ø)
- Dual display options
- 1000Aac current range to check motor & compressor current consumption
- 40mm clamp diameter
- 900°C range Type K thermocouple input socket



123-2241 £105.00

RETRACTABLE SHROUD PLUGS

- Multi-laminated Beryllium-Copper 'lantern' style spring contacts
- Body parts are moulded in polypropylene
- Cables are soldered to the brass body
- The plug accepts cables to 3.5mm diameter



531-346	Black	£2.94
531-330	Red	£2.94

MOTOR & PHASE ROTATION INDICATOR

- Nominal Voltage Rotary Direction: 1V to 400Vac
- Nominal Voltage Phase Indication: 120V to 400Vac
- Frequency Range: 2Hz to 400Hz
- Test Current (per phase): <3.5 mA
- Protection Level: CAT III 600 V

123-1932 LED Indicator £38.00
123-1933 LCD Indicator £40.00**IPM242 600A POWER CLAMP METER**

- 10,000 Count digital display with active display backlight and analogue bargraph
- VoltSense (Non-contact Voltage measurement)
- True RMS reading on AC and AC+DC mode
- Auto AC-DC 1000V capability and selection
- Auto Ohms/Continuity/Diode selection
- Frequency counter, THD and temperature



124-1959 £144.00

90° SHROUDED PLUGS

- The fully-shrouded body is moulded in polyimide
- The centre pin is nickel plated brass fitted with a multi-laminated beryllium copper lantern style spring contact
- Max. cable diameter is 4.3mm



465-615	Black	£8.26
465-621	Red	£8.26

IPM6600 POWER CLAMP METER

- AC/DC power factor measurement
- AC/DC voltage and current measurement
- 3 phase AC/DC balanced & unbalanced
- Apparent power & reactive power
- Phase angle and frequency measurement
- 10,000 count 4-digit dual LCD display
- Conductor size, cable 55 mm (approximately) and busbar 65 x 24 mm



123-2208 £317.00

NON-STACKABLE SHROUD PLUGS

- Available in a wide range of colours
- Designed to enable easy and quick assembly
- Cables are soldered to the brass centre pins
- The plugs accept cable to a maximum 4.3mm diameter



454-283	Black	£10.90
454-299	Blue	£10.58
454-306	Green	£10.58
454-277	Red	£9.08
454-312	White	£8.82
454-328	Yellow	£10.58

TEST LEAD EXTENSION REEL

- Robust cable reel containing 50 m of double insulated silicone cable
- 4 mm shrouded socket on the cable reel and 4 mm right angle plug on the cable end
- Ideal for R2 continuity testing and earth bonding of electrical installations, and other extended testing requirements
- Measurement Category: 1000 V CAT III
- Current Rating: 20 A (fully extended)
- Insulation Category: Double/Reinforced, Pollution Degree, Two (2)
- Resistance: 1 Ω approx.
- Complies with EN61010-1 CAT III 1000 V
- Available in a range of colours



125-3743	Black	£86.34
125-3742	Green	£86.34
125-3745	Red	£86.34

12M TEST LEAD REEL

- Robust cable reel containing 12 metres of black double insulated silicone cable
- Terminated with 4mm shrouded socket and 4mm right angle plug on the cable end
- Ideal for R2 continuity testing and earth bonding of electrical installations
- Complies with EN61010-1 CAT. III 1000V
- 20A rating (fully extended)
- Resistance: 0.25Ω approx.



612-0829 £38.25

BNC TEST BOXES

- Cases with BNC connectors for construction of fully shielded in-line circuitry including attenuators, impedance matching networks and amplifiers
- Ideal for prototyping and shielding radiation sensitive components
- Internal solder turret terminals at each end connected to shield
- Aluminium cover with self tapping screws
- Cases are finished in a blue enamel paint



189-0258	Plug-socket 38.1x28.7x22.35mm	£28.63
168-5208	Plug-socket 57.15x35.05x28.7mm	£26.88
189-0220	Socket-socket 38.1x28.7x22.35mm	£30.24
168-5185	Socket-socket 57.15x28.7x22.35mm	£28.27
168-5191	Socket-socket 57.15x35.05x28.7mm	£24.67

AUTOMOTIVE TEST KIT

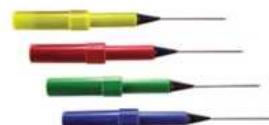
- Kit Includes red and black:
- Double Insulated Silicone Test Leads
- Long Reach Probes
- Fully Insulated Crocodile Clip
- Ultra Thin Back Probes incorporating a cable piercing adapter
- Extended Back Probes
- Heavy-Duty Back Probes



124-7400 £74.45

AUTOMOTIVE BACK PROBE SET OF 4

- Made from durable steel
- Perfect for connecting to fuel injectors, MAP and TPS sensors
- Modular design compatible with any industry standard 4mm shrouded or not
- Suitable for use with any test lead
- All probes are supplied in a protective plastic tube
- 4 Colour (Blue, Green, Red & Yellow)



124-7401	Small UltraThin set of 4	£13.35
124-7402	Small UltraThin set of 2	£7.25
124-7403	Extended Set	£8.65
124-7404	Right Angled Lead Set	£14.35
124-7405	UltraThin with Cable Piercer	£8.65
124-7406	Long Reach Sharp Set	£15.20

DIGITAL INSULATION AND CONTINUITY TESTER

- Autoranging with a large backlit 3 digit, 4000 count LCD with analog bargraph
- Insulation resistance to 4000MΩ autoranging
- 250V, 500V & 1000V insulation test voltages
- Continuity to 40Ω, 200mA test current
- Standards: EN61557 and BS7671, EN61010-1 600V CAT III



123-2237 £161.00

IIT1500 INSULATION TESTER

- 4000 Counts LCD display with analogue bargraph
- Test Voltages: 50V, 100V, 250V, 500V & 1000V
- Polarisation Index (PI) and Dielectric Absorption Ratio (DAR) measurements for accurate measurement of insulation quality
- 600V ac/dc Voltage measurement range
- Store/Recall memory & compare (Pass/Fail) function
- Includes remote test probe for fast testing



123-3220 £197.00

DIGITAL LOOP / PSC TESTER

- Large 3 digit 2000 count with analog bargraph LCD
- 200A, 2000A & 20kA PSC ranges
- 20Ω, 200Ω & 2000Ω loop impedance ranges
- AC voltage indication and direct reading of PSC
- Standards: EN61557 and BS7671, EN61010-1 300V CAT III



123-2239 £119.00

RS5500 INSULATION & CONTINUITY TESTERS

- Triple insulation voltage Test Ranges: 250V, 500V; 1000V (RS5505 adds 125V range)
- 200mA short current continuity range
- Test Hold function for easy operation
- Over range indication
- 1 mA test current for MΩ range at rated voltage
- Meets IEC 10101, CAT III 1000 V



123-1931	RS5500	£108.00
123-1934	RS5505	£138.00

DIGITAL RCD TESTER

- Rated Tripping Current 10 / 20 / 30 / 100 / 300 / 500mA
- 3 LEDs for checking correct wiring status
- 0° and 180° phase angle switch permits quick tests and consistent readings
- Visual indication of reversed phase & neutral wiring at socket
- Digital read out of tripping time



123-2240 £142.00

3 POLE DIGITAL EARTH TESTER

- 2mA measuring current permits earth resistance tests without tripping earth leakage current breakers in the circuit under test
- Large 3 digit, 4000 count LCD
- 0 to 39.99W, 0 to 399.9W and 0 to 3999W earth resistance ranges
- Capable of measuring earth voltage
- Data hold, MAX / MIN function



123-2238 £151.00

FLEXIBLE POWER QUALITY TESTER

- Designed for measuring and diagnosing power problems in electrical installations and power circuits
- Complete with flexible 3000A probe and data logging functions
- An optically isolated USB lead and analysis software enable readings to be displayed and/or downloaded for analysis on a PC or laptop
- Extensive range of power measurements, plus energy calculation (Wh and kWh)
- Dual display with fast Peak Hold, Max and Min functions



123-2200 £263.00

POWER QUALITY CLAMP METER/ANALYSER

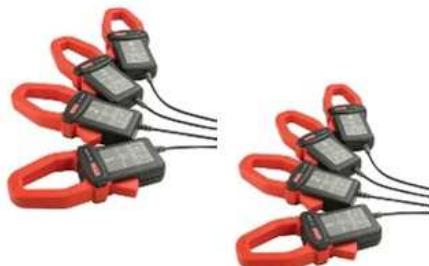
- Single phase and balanced 3 phase 1500Aac graphical power quality analyser
- Incorporates data logging functions for analysis and diagnosis of power quality and power disturbance issues in electrical installations and power circuits
- USB connection lead and analysis software allows analysis on PC
- Graphical display of voltage and current waveforms
- Safety category CATIII 600V



123-2207 £513.00

3 PHASE POWER ANALYSER

- Display easy-to-view LCD Screen, and data logging capability
- Connectors for 4 current sensing clamps
- Power kW, kVAR, kVA, PF, Hz, & Energy kWh, kVARh & kVAh measurement
- Phase sequence indicator function
- Programmable Trigger - Points and Start / Stop Time
- USB Optical Interface



123-2244 £806.00

CURRENT CLAMP ADAPTERS

- Provides high current measurement capability to multimeters, recorders, data loggers
- Current capacity and jaw size depends on model - 400A to 1,000A
- Designed to meet IEC 61010-1, CAT II 600V



123-3223 ICA31 400A 29mm jaw £26.00

123-3226 ICA32N 600A 34mm jaw £39.00

123-3224 ICA39T 1,000A 51mm jaw £65.00

1000V NON-CONTACT VOLTAGE INDICATOR

- Tip glows red and the audible sounder activates when a voltage is detected
- Detects voltages from 100V to 1000V, optimised for 240V
- CAT IV 600V rated

**ELECTRICAL SAFETY TESTERS**

- For safety testing of electrical products in manufacturing
- Supports the major test items among all the needed for the compliance of the safety standards
- All models provide withstanding voltage tests (ac and dc)
- The IIT2010 and IIT5010 include insulation resistance and ground bond tests
- "Sweep" graphical function on IIT5000
- Accessory test leads also available



917-6298 IIT2010 200VA £938.70

917-6308 IIT2010 200VA with IR, GBT £1,904.00

917-6291 IIT5000 500VA with Sweep £1,949.40

917-6294 IIT5010 500VA with IR, GBT, Sweep £3,582.00

917-6301 High Voltage Test Pistol £233.00

917-6314 Clip High Voltage Probe £20.50

917-6305 High Voltage Test Probe £73.00

VOLT-STICK AC INDICATOR

- A range of non-contact voltage detectors
- Optimised at either 110V or 230V depending on requirements
- Tip glows red when a voltage is detected (and audible alarm with 167-645)
- High selectivity model reduces the risk of spurious indications with unique notch design tip



238-3571 110V £17.00

214-467 230V £16.50

167-645 230V with sound £19.50

166-838 230V with high selectivity £28.50

ICM SERIES CLAMP METERS

- Range offers AC current, AC voltage, continuity, DC voltage, diode test, frequency and resistance
- ICM135R, ICM136R, ICM139R adds DC current measurement
- 4000 count backlit, large scale display
- Display hold, Peak Hold, Min/Max functions



123-3225 ICM133R 1kAac 53mm jaw £95.00

123-3229 ICM136R 600Aac 37mm jaw £85.05

123-3222 ICM136R 600Aac 45mm jaw £131.40

123-3227 ICM139R 1kAac 53mm jaw £132.00

ICM20 CURRENT CLAMP METER

- 2000 Count Large-scale LCD display
- AC current measuring up to 400A
- Data Hold and Max Hold
- 27 mm dia. conductor size
- Safety to EN61010-1 CAT III 600V



123-3230 £34.00

AUTO-DETECTING CLAMP METERS

- Fully automatic intelligent testers that select the measuring function dependent on input terminal and current clamp conditions
- No range selection is necessary
- Range offers current measurement, plus Vac-dc, 2kΩ resistance range plus continuity and diode test depending on model



123-3256	ICMA1 300Aac/dc	£64.00
123-3234	ICMA6N 600Aac	£81.00
124-1957	ICMA9 400Aac	£59.00

2000A AC/DC CLAMP METER

- Accurate DC/AC digital clamp meter for current to 2500Adc, 2100Aac (True RMS)
- Auto-range for A, V, and Ω
- One-touch zero for DCA adjustment
- Conductor size, cable 55mm (approx) and busbar 65 x 24mm
- CAT III 600V



123-2206 £192.00

ICM3X SERIES CLAMP METERS

- Great value, auto-ranging AC clamp meters which feature a 3 digit LCD display and non-contact voltage detection
- With true RMS reading in AC current and AC voltage measurements
- Choice of current capacities and resistance / continuity functions



123-2242 ICM3091N, 400Aac, Continuity £46.00
123-3231 ICM33II 600Aac, Continuity £53.00
123-3252 ICM30R 300Aac+dc, Resistance £84.00

IEK10N DIGITAL MULTIMETER & CLAMP

- Pen type multimeter with detachable current clamp
- 300Aac non-intrusive current measuring
- Voltage measurement to 600Vac/dc, resistance 300Ω to 30MΩ
- 3200 Count display with 65 segment analogue bar graph
- CAT II 600V, CAT III 300V



124-1958 £67.95

POWER CLAMP METERS

- Power, power factor measurement plus THD and harmonics
- V, A, Resistance, Capacitance measurements
- IPM245F adds temperature measurement
- 10000 count, active backlit, large-scale display with analogue bar graph
- CAT III 1000V, CAT IV 600V



123-3257 IPM243F 600A 37mm diam max £163.00
124-1963 IPM245F 1000A 42mm diam max £194.00

200A OPEN JAW CLAMP METERS

- Slim line clamp meter used to check voltage, resistance, continuity and current
- The integral non-contact ac voltage detector enables fast identification of the presence of mains voltages (ICMA5 only)
- The 16mm open jaw current clamp enables safe, non-intrusive measurement of ac currents up to 200A



123-3232 ICMA5 750Vac / 1000Vdc + non-contact £53.00
123-3233 ICMA74 600Vac/dc £51.00

RS330 / 380 COMPACT AC AUTORANGING CLAMP METER

- Designed to verify the presence of load current, voltage and resistance
- Its small body and jaws fit beautifully into the hand
- With a large, easy-to-read, backlit display
- CAT III 600V



123-1936 RS330 400A 23mm jaws £24.00
123-1935 RS380 400A 30mm jaws £28.00

ICA15 AC CURRENT ADAPTER

- Designed to plug into the IDM17 probe style multimeter
- 300Aac capability
- Up to 29mm dia. conductor
- Hand guard designed
- CAT.II 600 V. Safety standard



123-8651 £21.60

IDM9XIV DIGITAL TRMS MULTIMETER

- Extra-large scale white backlit display
- Automatic AC-DC Voltage detect with low impedance (Auto-V LoZ)
- Smart Data Hold with Peak Hold (1 ms) and Min / Max function
- Frequency counter on AC mode
- Temperature (IDM99 only) and Capacitance measurement
- CATIV 600V / CATIII 1000V safety standard



873-2360 IDM98	£40.60
873-2367 IDM99	£46.70

IDM7X DIGITAL MULTIMETERS

- Compact, rugged and high performing digital multimeters
- Large-scale display with 6000 display count
- DCA µA, Data Hold and Min / Max function
- Current measurement on IDM72 / IDM73
- IDM73 also includes display backlight and optical interface



123-3239 IDM71	£50.85
123-3242 IDM72	£60.00
123-3243 IDM73	£66.00

IDM103N DIGITAL MULTIMETER

- Data hold/relative modes
- 1MHz counter with full 9999 count display
- Diode test and continuity sounder
- 4nF to 40µF capacitance ranges
- Fused 400mA and 10A ranges
- Dust and water protected to IP64



123-3235	£79.00
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IDM63N & IDM67 POCKET DIGITAL MULTIMETERS

- With 3200 count digital display and 65 segment analogue bar graph
- Continuity & Diode Test
- Conforms to IEC1010-1 600 V category III
- IDM67 adds current measurement



123-3240 IDM63N	£47.70
123-3241 IDM67	£58.50

IDM61 & IDM62T DIGITAL MULTIMETERS

- IDM61 offers Vac/dc, Resistance and Continuity, plus non-contact Voltage detector
- IDM62T adds Aac/dc, Capacitance, Frequency, Temperature
- Conforms to EN61010-1 (safety rating) CATIII 600V, CATII 1000V



123-3237 IDM61	£35.00
123-3238 IDM62T	£57.00

**IDM91E DIGITAL MULTIMETER**

- Large-scale display with 2000 display count
- Beep guard warning system
- Shock proof
- Water resistant via O-Ring sealed case
- Diode test and continuity beeper



123-3246	£36.00
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IDM5A DIGITAL WALLET MULTIMETER

- Clear 4000 Counts LCD display with 8 functions / 30 ranges
- Volt Sense: Integral non-contact AC voltage detector with visual & audible indication
- Resistance/Continuity and Diode Test
- Capacitance, Frequency counter & duty cycle
- Safety rating CATIII 300V, CATII 600V



123-3251	£28.00
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IDM66RT DIGITAL MULTIMETER

- AC-DC Vac/dc up to 1000V
- Aac/dc up to 10A
- Resistance, Continuity, Diode
- Capacitance up to 10mF
- Temperature up to 400°C
- Frequency up to 100kHz



123-3253

£68.00

IDM505 DIGITAL MULTIMETER

- 100,000/10,000 count extra-large digital display
- 43 segments analogue bar graph
- 0.015% DCV accuracy
- Current mode with Frequency indication
- Auto selection on Ohm, Diode or Continuity
- Optical USB interface



124-1960

£226.00

IDM19 POCKET DIGITAL MULTIMETER

- 3400 Counts LCD display with bargraph
- Measures Vac, Vdc, Continuity, Diode, Resistance
- Safety rating CATIII 300V, CATII 600V



123-1803

£19.00

IDM20 POCKET MULTIMETER

- 3 digit, 4000 Count LCD display
- With resistance & capacitance, frequency, duty cycle measurement
- Diode & continuity check
- Built-in non-contact AC voltage detector plus flashlight



123-1930

£30.00

COMPACT MULTIMETERS

- 2000 Counts LCD backlit display
- Voltage 600V ac/dc
- Current 10Aac/dc
- Resistance
- Temperature measurement (RS14)
- Continuity
- EN61010-1 CAT III 600 V



123-1938 RS14 Autoranging

£20.00

123-1939 RS12 Manual Ranging

£16.00

ELECTRONIC MULTI-PURPOSE MAINS TESTER SCREWDRIVER

- Suitable for use on 70-250Vac/Vdc (direct contact)
- Voltage test non-contact 70Vac to 10,000Vac
- Continuity test 0MΩ to 50MΩ
- Polarity test +/-1.2 to 36Vdc
- Microwave leakage detection 5mW/cm²



NEON MAINS TEST DRIVERS

- Heavy duty with 3mm blade
- Neon and series resistor are permanently sealed
- Manufactured from chrome vanadium steel



549-448 220-250Vac with metal clip £3.98

544-853 220-250Vac without clip £2.19

622-6781 100-250Vac £4.79

LAN HANDHELD TESTER

- Rugged, battery operated, handheld LAN tester to identify cable failures
- UTP, FTP and coax cabling tests
- End to end EIA/TIA 568 verification
- Detects opens, shorts, mis-wires, crossed pairs, reversals and split pairs
- Distance to fault location, and measures cable length



462-9267

£177.00

RJ45/RJ11 CONTINUITY CHECKER

- Conveniently checks the continuity of screened/unscreened telephone and computer link cabling systems (up to 1,000ft/0.3km)
- Tester accommodates RJ11/RJ45, and DEC type plug interfaces
- An immediate, simple, visual LED indication is provided of line continuity
- Tests for: open, shorted, crossed, reversed, transposed, split, non-pair wiring



233-8919 £123.90

NETWORK CABLE TESTER

- Comprehensively tests each twisted pair through RJ45 or RJ11 connectors
- Supplied with remote end terminator for testing link and patch cords
- An easy red and green light system notifies you of which pairs are fully functional and which are faulty
- Test for faults such as mis-wiring, short, reversed wires or broken connections
- For use on RJ45 connectors, with adapters included for RJ11 connectors



557-414 £38.47

MINI DB25 RS-232 MONITOR

- With 18 LEDs (9 Green, 9 Red)
- Pins monitored are 2 (TXD), 3 (RXD), 4 (RTS), 5 (CTS), 7 (DSR), 8 (CD), 20 (DTR), 11 (HS), 19 (HS)
- All lines are wired pin to pin
- Unit has a 25-way 'D' connector M/F



202-537 £30.67

DB9 RS-232 POCKETESTER

- Seven LEDs monitor RS-232 signals
- All 9 Pins are wired straight through
- Bright LEDs with great colour intensity and a wide viewing angle
- Data bias can be inferred from the intensity of the colours



624-6347 £28.86

RSDM3055 DIGITAL MULTIMETER

- Up to 150 rdgs/s measurement speed
- True-RMS Vac / Aac measurement
- USB Device, USB Host, LAN
- Supports remote control via commands and is compatible with commands of mainstream multimeters
- Includes PC software



123-6465 £495.00

IDM 201N BENCH MULTIMETER

- 2000 display count LCD backlit display with annunciators
- 9 functions / 39 ranges
- Fully auto-ranging with manual override
- Measures up to 600V with protection against 600V input on resistance ranges
- Test lead storage compartment provided in the top of the case
- Mains or battery power



123-3219 £168.00

IDM-8300 SERIES DUAL MEASUREMENT MULTIMETERS

- 50,000 counts, VF (vacuum fluorescent) dual-display, 0.02% basic DC voltage accuracy and a USB protocol connector
- Offers typical multimeter capabilities plus capacitance measurement
- IDM-8342 also offers temperature measurement, USB storage and GPIB
- IDM8351 is a 120,000 count, high end version



123-3535	IDM8341	£313.00
123-3536	IDM8342	£360.00
123-3537	IDM8351	£441.00

IFG8216A FUNCTION GENERATOR AND FREQUENCY COUNTER

- 6 Digit LED read-out generator frequency
- Duty cycle control
- External voltage controlled frequency
- Variable DC offset
- Built-in 6 digit frequency counter with 150MHz range (external input)



123-3554 £203.00

RSDG800 SERIES FUNCTION/ARBITRARY WAVEFORM GENERATORS

- DDS technology, single-channel output
- 125 MSa/s sample rate, 14 bit vertical resolution
- 5 types of standard output waveform, built-in 46 arbitrary waveforms
- Complete set of modulation functions: AM, DSB-AM, FM, PM, FSK, ASK, PWM, Sweep, Burst
- Standard interfaces USB Device, USB Host



123-6458	5MHz 1 channel	£244.20
123-6459	30MHz 1 channel	£312.00

RSDG5000 SERIES FUNCTION/ARBITRARY WAVEFORM GENERATORS

- Capable of generating a pulse signal with low jitter, fast rising and falling edge (frequency independent effect) and small duty cycle
- Edge and pulse width are adjustable over a wide range
- 80MHz or 160MHz output frequency (depending on choice of model)
- 500 MSa/S sampling rate, 14-bit vertical resolution
- Memory depths of 512kpts for CH2 and 16kpts for CH1



123-6463 80MHz 2 channels £552.42
123-6464 160MHz 2 channels £989.01

RSDG2000X SERIES FUNCTION/ARBITRARY WAVEFORM GENERATORS

- Capable of generating a pulse signal with low jitter, fast rising and falling edge (frequency independent effect) and small duty cycle
- Edge and pulse width are adjustable over a wide range
- 40MHz, 80MHz or 160MHz output frequency (depending on choice of model)
- 500 MSa/S sampling rate, 16-bit vertical resolution
- Memory depths of 512kpts for CH2 and 16kpts for CH1



123-6460 40MHz, 2 channels £522.50
123-6461 80MHz, 2 channels £644.60
123-6462 120MHz, 2 channels £944.90

ARBITRARY WAVEFORM FUNCTION GENERATORS

- Sine, Square, Triangular, Noise and Arbitrary waveforms
- 0.1 Hz resolution of Sine, Square and Triangular waveforms
- 20 MSa/s sampling rate, 10 bit vertical resolution and 4Kpts memory
- Amplitude, DC offset and other key setting information displayed simultaneously on the 3.5 in LCD screen
- AM/FM/FSK Modulation, Sweep and Frequency Counter (AFG-21100 models only)



123-3529 AFG21005 5MHz, 1 channel £230.00
123-3530 AFG21012 12MHz, 1 channel £313.00
123-3531 AFG2105 5MHz, 1 channel £303.00
123-3532 AFG21112 12MHz, 1 channel £366.00
123-3533 AFG21125 25MHz, 1 channel £400.00
123-3534 AFG-21225 25MHz, 2 channels £462.00

ISGLF44 RF SIGNAL GENERATOR

- Frequency range 34.5 MHz to 4400 MHz
- Output power range -30 dBm to 0 dBm
- Continuous wave signal without any modulation
- Fixed frequency, frequency sweep, frequency hopping and power sweep modes
- PC/USB interface and external PC software



123-3580 £437.00

RSSA3000X SERIES SPECTRUM ANALYSERS

- 10.1 inch WVGA (1024 x 600) display
- Frequency range from 9 kHz up to 3.2GHz
- -161 dBm/Hz Displayed Average Noise Level (Typical)
- 98 dBc/Hz @10 kHz Offset Phase Noise (1 GHz, Typical)



123-6443 9kHz-2.1GHz £1,580.70
123-6444 9kHz-3.2GHz £2,915.55

ISA-730 SPECTRUM ANALYSER 3 GHZ

- 5.6 inch TFT LCD with VGA output
- Frequency range 150 kHz to 3 GHz
- Autoset function
- Noise level ≤ -100 dBm
- RBW range 30 kHz, 100 kHz, 300 kHz, 1 MHz
- ACRR, CHPW, OCBW measurement
- 3 traces in different colours
- Split window function
- Limit line function



123-3568 ISA730 £754.00

PEL3031E PROGRAMMABLE SINGLE OUTPUT DC ELECTRONIC LOAD

- CC, CV, CR, CP, CC+CV, CR+CV, CP+CV operating modes
- Static function/ Dynamic mode (periodically switch between two sink conditions)
- Programmable Normal Sequence/ Fast Sequence function (fastest 25 µs/step)
- Soft Start function allows operator to determine the rise time of current sink
- UVP function for battery discharge tests



122-5545 £1,235.00

RSDS1000 SERIES DIGITAL STORAGE OSCILLOSCOPES

- Bandwidths up to 300MHz
- Real-time sampling rate up to 2 GSa/s (depending on choice of model)
- Memory depth to maximum 2 Mpts (depending on choice of model)
- Trigger types Edge, Pulse, Video, Slope, Alternate
- Waveform math functions +, -, *, /, FFT
- Powerful digital filter function and waveform recorder function
- 7 inch TFT-LCD screen



123-6435 50MHz, 2Ch	£322.30
123-6436 70MHz, 2Ch	£359.70
123-6437 100MHz, 2Ch	£389.40
123-6438 150MHz, 2Ch	£444.51
123-6439 70MHz, 4Ch	£634.59
123-6440 100MHz, 4Ch	£724.68
123-6441 200MHz, 4Ch	£880.00
123-6442 300MHz, 4Ch	£1,123.65

IDS-1000B SERIES VISUAL PERSISTENCE OSCILLOSCOPE

- 1 GSa/s maximum sampling rate
- 10M maximum memory depth for each channel
- 7 inch 800 x 480 WVGA LCD display
- 256 colour gradient display function to strengthen waveform performance
- 1 Mpts FFT frequency domain signal display
- Zero key function for horizontal time, vertical voltage and triggering



123-3540 50MHz, 4Ch	£480.00
123-3541 70MHz, 2Ch	£403.00
123-3542 100MHz, 2Ch	£463.00
123-3543 100MHz, 4Ch	£660.60

IDS-2000E SERIES VISUAL PERSISTENCE OSCILLOSCOPES

- Waveform update rate 120,000 wfrm/sec
- 8 inch 800 x 480 TFT LCD display
- Maximum 1 Mpts FFT
- Digital filter function
- Segmental waveform and waveform search functions
- I_C/SPI/UART/CAN/LIN serial bus trigger and decoding function



124-1955	100MHz, 2Ch.	£773.00
123-3552	100MHz, 4Ch.	£1,027.80
123-3553	200MHz, 4Ch.	£1,320.00
123-3551	70MHz, 2Ch	£581.00
124-1954	300MHz, 4Ch	£2,424.00

IDS-6000-U SERIES DIGITAL STORAGE OSCILLOSCOPES

- 250 MSa/s real-time and 25 GSa/s equivalent-time sampling
- 4 kpts memory length per channel
- Save/Recall of 15 front panel settings and waveforms
- 5.7 inch TFT colour display
- 19 Auto measurements plus arithmetic operators - Add, Subtract, FFT
- USB port for PC connection and Data logger



123-3538	50MHz, 2Ch	£284.00
124-0229	70MHz, 2Ch	£302.00
123-3539	100MHz, 2Ch.	£366.00

RSHS800 HANDHELD DIGITAL OSCILLOSCOPES

- Handheld all in one digital oscilloscopes with multimeter and recorder (including trends and waveform) functions
- Choice of bandwidth to 200MHz (2 channels)
- Stable performance combined with high performance
- Flexibility in use for both workbench and field applications
- Visit our website for more details on each model



123-6454	60MHz	£516.00
123-6455	100MHz	£596.00
123-6456	150MHz	£636.00
123-6457	200MHz	£676.00

IDS200 HANDHELD DIGITAL OSCILLOSCOPES WITH MULTIMETER

- Bandwidth 200 MHz or 70 MHz models, each with 2 input channels
- Built-in 50 000 counts digital multimeter, 3 digits resolution
- Simultaneous DMM and DSO operation
- Portrait and landscape display modes
- 7 inch 800 x 480 full touch panel capacitive LCD multi-point control
- Visit our website for more details



123-3545	70MHz	£844.00
123-3546	200MHz	£1,267.20

ISR6051 ANALOG OSCILLOSCOPE

- Displays the signal in real-time, with less risk of modifying any part of the original signal
- The analog oscilloscope an instrument of choice in some fields e.g. TV and video
- 6-digit frequency counter, cursor and numerical readouts
- Setup save/recall enable regular setups to be recalled for ease-of-use and for production test applications



123-3557		£675.00
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IPS MULTIPLE OUTPUT PROGRAMMABLE DC POWER SUPPLIES

- User-friendly operation, with coarse / fine control
- 4 sets memory
- Tracking series and parallel modes
- Smart cooling fan for low noise
- PC software and USB driver / interface



123-3558	2 Output, 2x0-30V 0-3A	£374.00
123-3566	3 Output 2x0-30V, 0-3A, 1x5V fixed, max 3A	£287.00

RSPD3303X PROGRAMMABLE DC POWER SUPPLIES

- 3 independent high precision outputs, total 220W power
- 5 digits voltage and 4 digits current display
- 3 output modes - independent, series and parallel
- Save/Recall 5 group system set-ups support data storage expansion
- Connected to PC via USB Device, support SCPI command



123-6469	RSPD3303X min resolution 1mV/1mA,	£564.30
123-6468	RSPD3303X-E min resolution 10mV/10mA	£411.40

RPE SERIES LINEAR DC POWER SUPPLIES

- 4.3 inch LCD Display
- Setting and read-back resolution 100mV / 10mA
- Set View function for checking an original V / I setting during Output ON
- Key lock function
- Tracking series and parallel operation



122-5038	1 Output 0-32V 0-6A 192W	£243.90
122-5037	2 Output 2 x 0-32V 2 x 0-3A 192W	£271.00
122-5036	3 Output 5V, 2 x 0-32V 5A, 2 x 0-3A 217W	£276.30
122-5035	4 Output 0-15V, 0-5V, 2 x 0-32V	£331.00

IPS SERIES MULTIPLE OUTPUT PROGRAMMABLE LINEAR DC POWER SUPPLIES

- Choice of 2, 3 or 4 independent output channels
- Including four sets of memory for voltage and current setting
- USB remote interface
- User-friendly operation, coarse / fine control
- Visit our website for more details



123-3559	3 Output 2 x 0-30V, 2.5-5V 3 x 0-3A 195W	£387.00
123-3560	3 Output 2 x 0-30V, 2.5-5V 3 x 0-3A 195W	£435.00
123-3561	4 Output 0-5V, 2 x 0-30V	£459.00
123-3562	1 Output 0-60V 0-3A 180W	£288.00
123-3564	1 Output 0-30V 0-3A 90W	£192.00
123-3567	4 Output 2 x 0-30V, 2.2-5.2V, 8-15V	£309.00
123-3565	2 Output 2 x 0-30V 2 x 0-3A 180W	£255.00
123-3569	1 Output 0-20V 0-10A 200W	£230.00
123-3570	1 Output 0-40V 0-5A 200W	£230.00
123-3571	1 Output 0-60V 0-3.5A 200W	£230.00
123-3573	1 Output 0-30V 0-36A 360W	£1,192.00
123-3577	1 Output 0-18V 0-20A 360W	£360.00
123-3578	1 Output 0-36V 0-10A 360W	£360.00
123-3579	1 Output 0-60V 0-6A 360W	£360.00

ANALOGUE POWER SUPPLY

- Single output 90W linear DC power supply with output voltage 0-30V and output current 0-3A
- With overload and reverse polarity protection as well as maintaining high regulation (0.01%) and low ripple/noise (<1 mVrms)
- Continuous or dynamic internal load selection accommodates applications such as pulsed current
- Constant current/voltage operation



123-3563

£149.00

CAPACITANCE METER

- For laboratory and field service applications
- Nine rotary switch selectable ranges, covering 200 μ F to 20000 μ F
- Accuracy 200pF - 2000 μ F $\pm 1\%$ FS ± 1 digit, 20k μ F $\pm 2\%$ FS ± 2 digits
- Lead capacitance may be nulled out with the instrument's front panel zero adjust facility
- 18 mm high 2000-count LCD



123-8770

£84.00

HIGH PRECISION LCR METERS

- 16 major/secondary parameter measurement combinations and 2 additional monitoring parameters (maximum 4 different parameters can be shown simultaneously)
- Measuring speed up to maximum 25ms with a basic accuracy 0.05%
- Full frequency range or spot OPEN/SHORT
- RS-232C, Handler and USB storage interfaces
- Compact size (2U half-rack)



117-6718 2kHz

£875.00

117-6717 20kHz

£1,315.00

117-6716 100kHz

£1,500.00

117-6715 200kHz

£2,059.00

117-6714 300kHz

£2,352.00

LCR METERS ACCESSORIES

- A range of accessories / interfaces for use with the high precision LCR meters e.g. 117-6718



123-5978 4Wire Test Fixture

£136.00

123-5979 4Wire Kelvin Clip

£93.50

123-5980 4Wire SMD/Chip Test Fixture

£171.00

123-5981 External DC Bias Voltage Box

£857.00

123-5982 External DC Bias Current Box

£367.00

COMPONENT TESTER

- Ideal for use in field service and production environments
- Tests batteries, diodes, LEDs, transistors & SCRs
- Measures resistance and capacitance
- With a 3 digit LCD display and a maximum reading of 1999



123-3221

£65.00

HANDHELD LCR METERS

- Measurement parameters L,C,R,D,Q, θ , EsR
- Testing frequency 100Hz, 120Hz, 1kHz, 10kHz, 100kHz selectable
- Parallel/serial test mode
- Sorting mode for QC
- The 1703 USB interface provides external DC power and data connection



123-3255 LCR1701

£200.00

123-3254 LCR1703 with USB

£280.00

HIGH PRECISION PROGRAMMABLE DC MILLI-OHM METERS

- 50,000 counts and 3.5inch (320 x 240) TFT LCD display
- High accuracy and fast measurement (60 readings per second)
- Four wire resistance measurement and temperature compensation measurement function
- Interface - USB device, RS-232C, Handler/Scan/EXT I/O, and GPIB (option)
- In addition to GPIB as standard, model RM-805 also offers drive modes DC+/DC-, Pulsed, PWM, Zero for measurement applications on different materials



122-5158 RM804 RS-232C,USB

£482.00

122-5156 RM805 RS-232C,USB,GPIB

£795.00

SMART TWEEZER LCR TESTER

- Offers basic parameters L, C, R, D, Q, θ , EsR and tests frequency 100Hz, 120Hz, 1kHz, 10kHz, 100kHz
- 20,000 count digital display
- Auto selection of LCR testing, auto ranging
- Sampling rate 1.25 times/second
- 0.2% basic accuracy capacitance and inductance

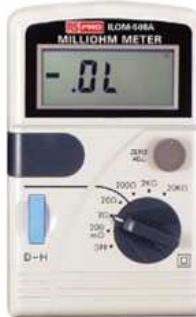


123-8652

£189.00

MILLIOHM METER

- For very low impedance measurement by four-wire type with one pair of coated clips
- Offers a wide measurement range, 0.1m Ω to 20k Ω
- 3 digits, LCD display with maximum reading of 1999



124-0940

£156.00

CONDUCTIVITY METER WITH RS-232 SERIAL LINK

- With detachable carbon rod electrode
- Display hold function
- Large dual LCD display with contrast adjustment
- Records maximum, minimum and average readings



123-8777

£162.00

DATACLOUDING EMF TESTER

- For use around power lines, industrial devices, electrical appliances
- Displays microTesla and milliGauss readings simultaneously
- Range: 20/200/2000 mill Gauss, 2/20/200 microTesla
- 30Hz to 2,000Hz bandwidth
- Data hold and peak hold functions and data logging up to 999 readings



123-2236

£256.00

MAGNETIC FIELD METER

- For measuring electromagnetic fields of extremely low frequency (ELF) of 30 to 300Hz
- Display units, micro-Tesla and mini-Gauss
- Resolution 0.1/mG or 0.01/0.1µT
- Single axis sensor
- Data hold (HOLD) and Maximum (MAX) hold functions



106-5309

£60.00

MULTI-FIELD EMF METER

- For measuring high frequency electromagnetic fields (RF) in a frequency range of 50MHz - 3.5GHz and low frequency electric and magnetic fields (EMF) at 50-60Hz
- Equipped with three individual aerial sensors to measure EMFs
- Overload indications can be displayed simultaneously on three axes
- Data hold function



124-0939

£150.00

THREE AXIS RF FIELD STRENGTH METER

- RF range 38mV to 20V/m
- Frequency range 50MHz to 3.5GHz
- Measurement method digital, triaxial measurement
- Units mV/m, V/m, µA/m, mA/m, µW/m², mW/m², µW/cm²
- Display value instantaneous, max, average or max average



106-5307

£120.00

50 BAR PRESSURE TEST PUMP

- Hand pressure testing pump, suitable for testing plumbing, heating, refrigeration, oil installations and many more
- Efficient running needle valves ensure continuous operation
- Pump plunger can be lubricated and has replaceable seals
- Fitted with high-pressure hose and connector
- Includes pressure hose with ½" BSP connection



124-1950

£102.00

U AND RING SYPHONS

- Developed for pressure gauge protection
- Connection is BSP
- Supplied with necessary nut fittings
- Ring siphons made from carbon steel
- U siphons made from mild steel



754-735	Ring siphon 3/8in BSP	£14.71
352-2036	U siphon 1/4in BSP	£13.31
352-2020	U siphon 3/8in BSP	£9.19

100MM DIAMETER PRESSURE AND VACUUM GAUGES

- Instrument with glass window, inbuilt restrictor screw, copper alloy element and movement
- Stainless steel case with G 3/8" BSPM (32 mm flats)
- Bottom entry connection
- Operating Temperature between -20 and +60°C
- 1.6 Per DIN 16005 Accuracy Class



188-986	Vacuum gauge 0-30Hg	£42.61
188-992	Pressure gauge 0-30Hg/0-15psi	£39.45
189-002	Pressure gauge 0-60psi	£39.45
189-018	Pressure gauge 0-100psi	£31.35
189-024	Pressure gauge 0-160psi	£39.45
189-030	Pressure gauge 0-300psi	£39.45

100MM DIAMETER PRESSURE AND VACUUM GAUGES ALL STAINLESS

- Laminated safety glass window
- 316Ti stainless steel element and movement
- 304 stainless steel case with G 1/2" BSPM connection
- Bottom entry connection
- Ambient Operating Temperature between -20 and +60°C
- 1.6 Per DIN 16005 Accuracy Class



257-8381	Vacuum gauge 0-1 bar	£104.02
258-2318	Vacuum/pressure gauge -10/1 bar	£97.05
258-2324	Vacuum/pressure gauge -10/43 bar	£97.05
258-2330	Pressure gauge 0 - 1 bar	£95.77
258-2346	Pressure gauge 0 - 2.5 bar	£95.77
258-2352	Pressure gauge 0 - 4 bar	£95.77
258-2368	Pressure gauge 0 - 6 bar	£95.77
258-2380	Pressure gauge 0 - 10 bar	£95.77
258-2396	Pressure gauge 0 - 16 bar	£95.77
258-2403	Pressure gauge 0 - 25 bar	£95.77

50MM DIAMETER PRESSURE GAUGE

- Moveable red pointer which can be set at normal operating pressure
- Sealed alloy Bourdon spring
- Dual scale: bar and psi in ABS case with acrylic window
- 1/4 in. BSP taper male centre back connection
- Temperature Resistant to 120°C



389-0575 0-4bar
389-0569 0-6bar

£8.04
£7.38

DIAL TYRE PRESSURE GAUGE

- GS/TUV approved
- 50mm diameter dial reading to 40 or 60psi
- Metal body
- Fitted with 45° angle chuck



499-8888 60psi
499-8872 40psi

£24.01
£12.85

DIGITAL TEMPERATURE INDICATOR

- Range 0 to +200°C
- Max / Min memory
- Stainless steel probe
- 4mm dia, 130mm long probe
- Rubberised handle



465-9218

£17.54

HVAC TEMPERATURE MEASURING KIT - TYPE K

- A kit comprising of thermometer, sturdy carrying case and probes for most heating, ventilation and air conditioning (HVAC) temperature measuring applications
- Probes included: 2 x pipe clamp probes (342-9202), plug-in air probe (342-9050), plug-in general purpose (342-9072), plug-in surface band (342-9117), plug-in probe handle with lead for more remote measurements (342-9038)



DIGITAL THERMOMETER - SELECTABLE INPUTS

- Highly accurate thermometer with selectable thermocouple types K, J, E, T, R, S and N
- °C / °F / K selectable Choice of 1 channel or 2 channel
- LCD display with backlight
- Warning alarms, MAX/MIN functions



DATA LOGGING DIGITAL THERMOMETER

- Specification as 123-2211, 123-2212 above, plus
- 7500 data logging capacity with Windows software
- Sampling rate 1.5 times/sec



123-2213 1-Channel
123-2214 2-Channel

K-TYPE DIGITAL THERMOMETER

- High accuracy digital thermometer for use with any K-type thermocouple
- Its dual LCD display shows temperature reading (main display) and MAX / MIN / AVERAGE or offset reference value - in RELATIVE mode (secondary display)
- °C / °F selectable display
- Data memory and read function direct from the display (160 sets)
- Display HOLD function



123-2215 £31.00

4-INPUT DATA LOGGING THERMOMETER

- Works with any K, J, E, T, R, S, N, L, U, B and C-type thermocouple
- Isolated Input Protection of 350 Vp-p between any two inputs
- 4 input function T1/T2/T3/T4 temperature display
- Programmable High / Low alarms and display MIN/MAX values
- Memory and read function (99 sets) with 512KB auto data logging capacity



123-2235 £155.00

THERMOMETERS WITH THERMOCOUPLES INCLUDED

- Two value bundles:
- RS51 (123-3215) plus Type-K surface probe (712-8196)
- RS52 (123-3216) plus Type-K mineral insulated immersion probe (342-8891) and surface probe (342-8962)



144-6605 RS51 with Type-K Probe £85.00
144-6606 RS52 with Surface & Immersion Probes £86.00

RS51 SERIES THERMOMETERS

- A range of thermometers offering a choice of number of inputs, thermocouple type and with or without datalogging
- K or J-Type - thermocouple input depending on model
- Real-time stamp (RS53 / RS55)
- Data logging up to 16000 records (RS53 / RS55)
- °C, °F or °K display



123-3215	RS51 Type-K One Input	£46.00
123-3216	RS52 Type-K Two Inputs	£56.00
123-3217	RS53II Type-J/K One Input Datalogging	£65.00
123-3218	RS55II Type-J/K Two Inputs Datalogging	£78.00

TYPE K THERMOCOUPLE PROBES

- A range of K-type thermocouples for use with digital temperature indicators
- Choice of surface, immersion and air probes
- With a selection of wide temperature ranges
- Fully waterproof handles
- Type T also available, visit our website for more details



342-8962	6mm dia tip surface probe -50°C to +600°C	£41.97
342-8956	10mm dia tip surface probe -200°C to +300°C	£36.41
342-8978	12mm dia tip surface probe 0°C to +1,100°C	£66.00
342-8833	3.3mm dia tip immersion probe -100°C to +250°C	£34.56
342-8990	4mm dia tip air probe -100°C to +750°C	£35.46

RS50 SERIES SOFTWARE AND USB CABLE

- Communication software for RS53II & 55II thermometers
- USB interface cable

**RS40 SERIES TYPE K THERMOMETERS**

- 3 digit backlit LCD display with maximum reading 1999
- RS42 offers dual inputs for direct or differential measurements
- User Selectable Temperature Scales (°C or °F) and resolution
- Max Hold / Data Hold
- Backlit LCD Display



123-1940	RS41 single input	£34.00
123-1937	RS42 two input	£42.00

TYPE K THERMOCOUPLE MINERALLY INSULATED PROBES

- Immersion probes suitable for use in air and liquid
- Minerally insulated, can be carefully bent, and allows for a wide temperature ranges
- Fully waterproof handles
- Type T also available, visit our website for more details



255-588	6mm dia	£49.95
342-8928	6mm dia x1m	£37.67
342-8899	3mm dia	£36.93
342-8883	1.5mm dia	£34.56

TYPE K PLUG MOUNTED PROBES

- Probes are moulded directly onto a miniature thermocouple plug giving a waterproof and robust assembly
- May be plugged directly into any of the RS thermocouple indicators
- Provides an economic solution to temperature measurement whilst also allowing one handed use
- Type T also available, visit our website for more details



342-9072	3mm dia surface probe -100°C to +750°C	£18.72
342-9117	4mm surface probe -100°C to +750°C	£24.84
342-9050	4mm air probe -100°C to +750°C	£21.75
342-9094	3.3mm insertion probe -100°C to +250°C	£18.50

NTC TEMPERATURE PROBES

- For use with RS Digital Thermostats
- Stainless steel or thermoplastic shell
- Silicone cable (stainless steel sensors) or PVC cable (thermoplastic sensors) options
- Various cable lengths
- Air & liquid options available



124-1079	Air -50°C to +105°C PVC Cable	£8.16
124-1080	Air -30°C to +80°C Thermoplastic	£8.16
124-1081	Air -60°C to +150°C Stainless / Silicone Cable	£10.79
124-1082	Liquid -60°C to +150°C Stainless / Silicone Cable	£11.18

PT100 RUBBER PATCH SENSOR

- The patch is fitted with adhesive foil backing which enables the probe to be fixed to a surface
- 1 metre of 7/0.2mm tinned copper silicone cable
- Good resistance to oils and chemicals
- Fitted with mini-connector
- Measurement Temperature: -50 to 150°C



INFRARED THERMOMETERS

- IR non-contact mode measuring range -35°C to +500°C
- Pocket sized pistol grip
- Built-in laser sighting
- Backlit LCD display
- RS1327K also accepts a plug-in type-K thermocouple probe (-150°C to +1350°C)



123-2216 RS1327	£49.00
123-2217 RS1327K	£63.00

IT-1 INFRARED THERMOMETER

- Large scale LCD display infrared thermometer
- Single point laser sighting
- Integrated non-contact AC voltage detection 60Vac to 600Vac with LCD indication
- Ultra bright white LED torch
- Pocket clip designed for easy carrying



123-3250	£35.00
918-1085	£180.00

IR THERMOMETERS WITH OPTIONAL LEAK DETECTION

- IR non-contact mode measuring range -30°C to +500°C
- Choice of distance to spot ratios (D:S)
- Optional UV refrigerant leak detector with 5 UV/Blue LEDs (choose relevant models)
- Bright flashlight with 5 White LEDs
- Ergonomically designed pistol grips



918-1072 12:1 D:S with leak detection	£71.00
918-1076 15:1 D:S with leak detection	£83.00
918-1079 12:1 D:S	£66.00
918-1088 Hard carry case	£12.00

PIPEWORK THERMOMETER

- 0 to +120°C
- Designed to indicate surface temperature of pipework
- Applications include boiler pipework, radiators, process pipelines
- Held in place by a wrap around spring
- Acrylic Window



THERMAL IMAGING IR THERMOMETER

- See the heat map on the display
- Easily finds unseen hot and cold spots
- 16384 pixels (128 x 128 pixels) thermal image with 160 x 128 pixels 1.7" TFTLCM Display
- Distance/Spot Ratio 30:1 with precise laser indication
- Compact UV refrigerants leak detector with 5 UV/Blue LEDs



918-1085	£180.00
123-8772	£141.00

INDOOR/OUTDOOR THERMOMETER CLOCK

- Choice of indoor, outdoor thermometers
- One version includes clock (-50 to +70 °C range), while the second has a submersible outdoor / second sensor (-20 to +70 °C range)



408-6115 With outdoor sensor and clock	£16.16
427-461 With outdoor, submersible sensor	£15.36

WALL MOUNTABLE THERMOMETERS

- In a choice of sizes
- 150mm version available with hygrometer which also displays humidity



828-763 Thermometer 30cm/12in	£25.90
413-7601 Thermometer 40cm/16in	£29.85
413-7617 Thermo-hygrometer 15cm/6in	£18.10

K-TYPE TEMPERATURE CALIBRATOR

- Portable instrument for calibrating and measuring type K thermocouples
- Adjustable -199.9 to +1230°C temperature simulation and measure
- Accuracy $\pm(1.0\% \text{ to } 2.0\%)$ low to high temperature ranges
- Standard type K (NiCr - NiAl) sockets
- Built-in temperature linearity compensation circuitry



123-8772	£141.00
123-8778	£82.80

4-20mA CURRENT SIMULATOR

- For general purpose signal injection, process control and re-calibrating process indicators and controllers
- Can be operated with one hand
- 3 preset outputs: 4, 12 and 20mA
- Bright red LEDs indicate the simulation range
- Overload indicator when the output current delivered is less than the set level



VOLTAGE AND CURRENT CALIBRATOR

- For calibrating process devices and measuring process signals
- Four functions: current source, current measurement, power and measurement of a two wire loop and DC mV source
- Adjustable 0mA -24mA current source
- Adjustable -199.9mV to +199.9mVdc voltage source
- Current calibrator drive loads up to 500Ω



123-8769

£141.00

ULTRASONIC LEAK AND EMISSION DETECTOR

- Locate roof, glazing and gasket leaks, and indicate leaks in pipes and conduits
- Visual bar LED display panel and audible indication
- For building fabric, conveyance pipes and conduit seals, connections, fittings
- Supplied with user manual, ear pieces, accessories for use in awkward places, plus moulded case



123-8775

£215.00

ANTI-FREEZE TESTER

- Accurately check the freezing point
- Works with any water and anti-freeze mixture
- No need to allow liquids to cool before checking



196-8193

£43.08

REFRACTOMETERS

- An ideal measurement tool to provide quick analysis of water concentration mixes
- Easy and accurate dilution control
- Refractometer Prism Screen
- Simple to use and recalibrate



CARBON MONOXIDE METER

- For measuring CO levels to 1000 ppm
- 4 digits backlit LCD with maximum 1000 counts, with dual display for CO and temperature readings
- CO range 0 to 1000 ppm
- Temperature range -20 to 50°C (-4 to 122°F)
- Max/Min/Average hold and data hold



106-5305

£123.28

HOT WIRE ANEMOMETER

- Fast response probe, measures air flow and volume
- Instant / Average / 2/3 V max flow measurement
- Velocity m/s, ft/min, knots, km/hr, mph, Beaufort (Bft)
- Data Hold & Maximum / Minimum / Average function
- Data memory and read function (5 x 99 sets)



123-2224

£184.00

HANDHELD HOTWIRE ANEMOMETER

- For air and gas flow measurement in pipes or ducts
- Dual display of velocity and temperature
- 0.2m/s to 20m/s range
- Min, max & display hold functions
- 5 selectable display units



ILM SERIES DIGITAL LIGHT METERS

- Spectral sensitivity close to CIE photopic curve
- Measuring levels ranging 0 to 20 000 lux, 0 to 20 000 foot-candles
- Accurate and instant response
- Data Hold function
- MAX/MIN function



123-2221 0 - 400,000lx £101.00

123-2222 0 - 20,000lx £55.00

123-2223 0.01 - 500lx £59.00

LUX METER WITH LIGHT TYPE SELECTION

- Measures daylight, tungsten, fluorescent and mercury light intensity in either lux or foot-candles
- Display hold function
- RS-232 serial interface
- Zero adjustment
- Dual LCD display with contrast control



123-8776

£117.00

POCKET SOLAR METER

- Measures the solar power and all visible light sources
- Select either W/m² or BTU / (ft² * h) units
- Auto power off, data hold and zero adjustment functions
- Overload and low battery indication



106-5313

£68.40

MINI POCKET UV AB METER IM-213

- For measuring mercury, xenon, metal halide or fluorescent lamps
- Studies in the UVA region as well as in sunlight
- UV curing light sources and any other UV light source
- Measuring light intensity at the wafer plane of mask aligners



106-5310

£75.60

ISM400 SOLAR POWER METER

- Spectral response 400 -1000 nm
- Full cosine correction for the angular incidence of the solar illumination
- Select either W/m² or BTU / (ft² * h) units
- Data HOLD/ MAX/ MIN / AVG modes and data memory (99 sets)
- ISM 410 is the data logging version



123-2218 ISM400

£76.00

123-2219 ISM410

£136.00

SOUND LEVEL METERS

- SLM52N offers accuracy to IEC 61672-1:2002 Class 2
- Large easy-to-read 4 digit LCD display with analog bargraph
- 30 to 130 dB measurement in 5 ranges
- SLM1352P adds datalogging
- SLM1353M includes datalogging and extensive range of measurements
- Calibrator also available for checking accuracy



123-2225 SLM52N

£284.00

122-4294 SLM1352P

£371.00

123-2226 SLM1353M

£870.00

123-2229 Calibrator

£194.00

ROTATING VANE ANEMOMETERS

- Easy-to-use and read while measuring because the vane is detached
- Measures wind velocity and temperature
- AVM-01 has single 3 digit display
- AVM-09 has two line display showing wind speed and temperature, plus RS232 output
- Offers instant, average and maximum flow measurement



123-2202 AVM-01

£90.00

123-2203 AVM-09

£153.00

HUMIDITY AND TEMPERATURE METER - INTEGRATED SENSOR

- Offers a wide range of relative humidity and temperature measurement (°C & °F)
- Dual display with dew point reading
- °C / °F selectable
- Data memory and read function (99 sets)
- 7900 record data-logging capacity (dual reading) 1361C only



123-2230 1360A Humidity and Temperature Meter

£113.00

123-2231 1361C Humidity and Temperature Data Logger

£173.70

HUMIDITY AND TEMPERATURE METER - DETACHED SENSOR

- Measuring ranges 10% to 95% RH (humidity) and -20 to +60 °C (temperature)
- Data hold and relative function
- Dual LCD display with bar graph indication
- Dew point and wet bulb readings
- MAX/MIN with time stamp
- Datalogging capacity 15 000 dual reading (% RH & temperature) 1365 only



123-2233 1364 Humidity and Temperature Meter

£126.00

123-2234 1365 Humidity and Temperature Data Logger

£234.00

THERMO / HYGRO / BAROMETER

- Triple tier LCD displays combine barometric pressure, temperature and relative humidity
- Extensive range of readings
- Maximum and minimum readings with time stamp
- Comparator and alarm output functions
- Data hold, plus manual data memory and read



127-8296

£134.48

DESKTOP INDOOR AIR QUALITY METER IM502

- 4 measurements in one monitor, CO₂, CO₂ Ventilation Rate, Temperature and Humidity
- Fast USB download to PC software (configuration and analysis)
- Internal memory stores up to 17000 data
- High, low alarm setting
- Table-top or wall-mounted (with 1/4" tripod nut)



106-5304

£220.00

20KG/10G BENCH SCALES

- Ideal for use in manufacturing and industrial environments
- Stainless steel platform which is durable and can be wiped down easily
- IP54 rated for protection against dust and splash water
- A tare function is available to reset the scales to zero



111-3673 £88.85

ES-HA SERIES PRECISION SCALES

- Stainless steel plate for easy clean and durability, and high precision strain gauge load cell
- Large, easy to read LCD display with blue backlight
- Parts counting function
- Levelling bubble and adjustable feet for fine adjustment and accurate settings of the scale
- Bi-directional RS232 interface
- Sealed panels for added protection



805-6682 ES-300HA 300g/0.001g £214.29
805-6691 ES-1200HA 1200g/0.01g £139.99

JEWELLERY SCALES

- Easy 2 button operation
- Stainless Steel platform for easy clean and durability
- Large, easy to read LCD display
- Parts counting function
- Mains or battery operated



805-6676 ES-300A 300g/0.01g £71.61
805-6685 ES-600A 600g/0.1g £62.45
805-6688 ES-3000A 3000g/0.1g £71.61



111-3667 10g/0.001g £22.99
111-3668 20g/0.001g £26.12
111-3669 30g/0.001g £31.35

ES-H SERIES PRECISION SCALES

- Cast aluminium design for strength, and stainless steel plate and spill ring for easy cleaning and durability
- Large, easy to read LCD display with blue backlight
- Parts counting function
- Levelling bubble and adjustable feet for fine adjustment and accurate settings of the scale
- RS232 Interface



805-6694 ES-300H 300g/0.01g £112.54
805-6698 ES-600H 600g/0.01g £115.44
806-4702 ES-3002H 3000g/0.01g £222.38
806-4709 ES-6000H 6000g/0.1g £129.22

SPRING BALANCE

- Impact and chemical resistant polycarbonate body
- Stainless steel spring and hook
- 2x range overload capacity
- Zero calibration adjustment nut



724-3841 Yellow, 1N/100gm range £25.70
724-3850 Blue, 3N/300gm range £42.87
724-3847 White, 5N/500gm range £42.87
724-3853 Green, 10N/1000gm range £42.87

FORCE GAUGE

- Tension & compression capability
- RS232 interface
- SD card logging capability
- Auto Zero, average & peak reading



111-3689 5000g £313.64
111-3690 20kg £339.77
111-3691 100kg £381.59

ULTRASONIC CLEANING TANKS

- Cleaning Modes: Degas, Delicate and Full
- Different degrees of cleaning possible depending on temperature used and mix of water / detergent (available separately)
- User settable temperature and timing modes
- Stainless steel tank, housing and lid (except 2 litre where lid is plastic)
- Digital displays



124-9721 2 litre £180.00
855-5911 3 litre £283.00
855-5915 6 litre £510.00
124-9722 9 litre £550.00
124-9723 27 litre £850.00

POLYPROPYLENE MEASURING SCOPS

- Scoops made from opaque white polypropylene
- Flat top for levelling off powders
- Flat base design, enabling scoops to stand horizontally
- Scoop capacity moulded on each size
- Supplied in box of 5



461-0695 10ml £4.00
461-0718 50ml £9.50
461-0746 250ml £28.00
461-0752 500ml £45.50

FOOD GRADE MEASURING SCOOPS

- Made from food-safe polypropylene
- Base is flat, enabling scoop to stand horizontally
- Capacity clearly moulded on each size



891-9946	100ml (Pack of 5)	£13.50
891-9949	250ml (Pack of 5)	£14.50
891-9943	350ml (Pack of 5)	£16.00
891-9952	500ml (Pack of 5)	£19.50
891-9955	1000ml (Each)	£6.00
891-9959	2000ml (Each)	£9.50

POLYPROPYLENE MOULDED GRADUATION JUGS

- High clarity tapered jugs
- Autoclavable at 121°C
- Ergonomically designed handle with thumb grip



478-1618	250ml	£1.50
478-1624	500ml	£2.00
478-1630	1000ml	£2.00
478-1646	2000ml	£3.50
478-1652	3000ml	£9.00

LOW FORM GLASS BEAKERS WITH GRADUATIONS

- Complies with ISO 3819
- Manufactured from Pyrex® borosilicate glass
- Excellent thermal performance
- High resistance to chemical attack
- White graduations and marking spot



461-1086	50ml (Box of 10)	£42.50
461-1092	100ml (Box of 10)	£46.00
461-1109	150ml (Box of 10)	£39.00
461-1115	250ml (Box of 10)	£49.00
461-1121	400ml (Box of 10)	£66.00
461-1137	600ml (Box of 10)	£80.50

TAPERED, PRINTED GRADUATION POLYPROPYLENE BEAKERS

- Stackable, tapered beakers made from high clarity polypropylene
- Clear printed blue measurement graduations
- Designed to withstand temperatures up to 120°C
- Non-drip spout for easy pouring
- Compliant with ISO 7056



461-0134	50ml (Box of 10)	£14.50
461-0140	100ml (Box of 10)	£15.50
461-0156	250ml (Box of 10)	£22.50
461-0162	500ml (Box of 10)	£35.00
461-0184	1000ml (Box of 5)	£24.00
461-0190	2000ml Each	£8.50

CLASS A POLYMETHYL PENTENE MEASURING CYLINDERS WITH PRINTED GRADUATIONS

- PMP confers hardness, solidity, low density, transparency and chemical resistance
- With enhanced pin-sharp blue-printed graduations and stable, non-slip hexagonal bases
- Calibrated to ISO 6706 and DIN 12681, class A tolerances
- Steam sterilisation at 121°C does not affect accuracy



891-9987	10ml (pack of 2)	£10.00
891-9996	25ml (pack of 2)	£10.50
891-9999	50ml (pack of 2)	£11.00
891-9993	100ml (pack of 2)	£15.50
892-0003	250ml (pack of 2)	£25.00
892-0006	500ml (pack of 2)	£40.50
892-0000	1000ml (each)	£28.00
892-0019	2000ml (each)	£59.00

POLYPROPYLENE CONTAINERS - SCREW CAP

- Autoclavable wide neck containers with linerless screw caps
- Excellent chemical resistance
- Ideal for storing samples, powders etc
- Imprinted with SPI recycling codes



POLYPROPYLENE CYLINDERS - PRINTED GRADUATIONS TO ISO 6706

- Enhanced pin-sharp blue-printed graduations
- Stable hexagonal bases with non-slip anti-suction feature
- Safe and robust plastic construction
- SPI, recycling codes and batch code on each cylinder
- 100ml supplied in box of 5, all others supplied individually



461-0522	60ml (box of 10)	£8.50
461-0538	250ml (box of 10)	£17.50
461-0544	500ml (box of 10)	£21.50
461-0550	1000ml (box of 5)	£19.50
461-0566	2000ml (box of 5)	£32.50

PP BOTTLES WITH WIDE NECK

- Translucent rigid and leak-proof polypropylene bottles with PP screw caps
- Screw caps have non-stick feature and open or close in less than 15 turns
- Heavy-duty and very durable
- Withstands temperatures up to 120°C
- Excellent general chemical resistance



461-0572	60ml (box of 10)	£8.50
461-0594	250ml (box of 10)	£21.50
461-0601	500ml (box of 10)	£28.50
461-0617	1000ml (box of 5)	£27.00
461-0623	2000ml (box of 5)	£34.00

LDPE WASH BOTTLES WITH NARROW NECK

- Square shoulder round wash bottles with white tops
- PP leak-proof swivel dispensing closures
- Closures feature precision jet-tip aperture for fine control



461-0651	250ml (box of 5)	£11.00
461-0667	500ml (box of 5)	£13.00

PP BOTTLES WITH WIDE NECK WITH LABEL AREA

- Distinct printed millimetres, fl oz graduations
- Auto-clavable with leak proof polypropylene (PP) cap
- Large white marker for easy labelling



461-0308	60ml (box of 10)	£14.50
461-0314	125ml (box of 10)	£16.50
461-0336	500ml (box of 10)	£30.50
461-0342	1000ml (box of 5)	£28.00

LDPE WASH BOTTLES WITH WIDE NECK

- Featuring DripLok® vapour venting valve that prevents solvent drips
- Indelibly printed in English, French, German, Spanish
- Solvent labels include Globally Harmonised Symbols, NFPA diamond, risk phrases and safety information
- Fitted with colour-coded one-piece polypropylene closures featuring precision jet-tip aperture for fine control
- Supplied in pack of 5



838-6361	250ml Acetone red closure	£23.00
838-6365	250ml Ethanol orange closure	£22.50
838-6374	250ml IMS yellow closure	£22.50
838-6377	250ml Isopropanol blue closure	£22.50
838-6371	250ml Methanol green closure	£22.50
838-6380	500ml Acetone red closure	£24.00
838-6383	500ml Ethanol orange closure	£24.00
838-6387	500ml IMS yellow closure	£24.00
838-6396	500ml Isopropanol blue closure	£24.00
838-6399	500ml Methanol green closure	£24.00

SQUARE BOTTLES IN HIGH DENSITY POLYETHYLENE

- Translucent with blue unlined cap
- Heavy duty and durable in use
- Practical square base for economic use of space
- Good chemical resistance



LDPE WASH BOTTLES - HEXAGONAL WITH NARROW NECK

- Ergonomically designed wash bottle
- Hexagonal cross section for easy handling
- Integral moulded dispensing tube jet tip
- Precision tip for fine fluid jet dispensing
- Supplied in a pack of 5



LDPE DISPENSING BOTTLE WITH ROUND PIVOT NOZZLE

- Suitable for use as a dropping bottle or wash bottle
- Especially useful for dispensing gels
- Nozzle retracts into cap to seal bottle
- Good resistance to chemical attack
- Supplied in a pack of 10



919-5132	250ml	£14.00
919-5141	500ml	£14.50
919-5154	30ml	£15.50
919-5163	60ml	£11.00
919-5166	150ml	£17.50
919-5160	250ml	£24.00
919-5179	500ml	£34.50

TAPE MEASURES

- High-quality ABS case with cloth tape measure
- Metric & British graduation
- Magnetic steel slide hook
- Stainless steel belt clip



SELF ADHESIVE MEASURING TAPE

- 1.2m steel measuring tape
- White powder coated finish
- Self-adhesive backed



MEASURING TAPES

- Red injection moulded case with black rubber shell
- Belt clip
- Top-forward blade lock makes locking and unlocking easy
- Cushion grip provides comfortable, slip-resistant hold
- Approval to EEC class II



848-7604	3m / 10ft	£3.99
848-7613	5m / 16ft x 19mm / 3/4"	£6.28
848-7616	8m / 26ft X 25mm / 1"	£13.64

DISTANCE METERS

- Measurement of the distance to the target with laser pointer targets
- Also permits angle measurement, indirect distance measurements, area and volume determination
- Automatic storage of the last 20 measurement results



126-8820 35m	£50.99
126-8821 50m	£55.99
126-8819 80m	£61.19
126-8184 100m	£71.39

MAGNETIC 600MM STEEL RULE

- Suitable for fixing to machine guides, fixed guillotine blades and sheet metal during marking out
- Rule contains encapsulated button magnets
- Rigid satin chrome steel rule conforms to BS4372
- Etched graduations and markings are black paint filled to provide excellent clarity



262 SERIES SATIN CHROME RIGID RULES

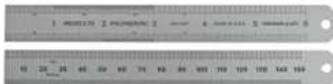
- Professional quality steel rules with square ends
- Fully hardened & tempered
- Available in 3 lengths



111-5885 24" / 600mm	£44.71
111-5886 36" / 900mm	£103.02
111-5887 48" / 1210mm	£281.52

678 SERIES SATIN CHROME RIGID RULES

- Professional quality steel rules
- Finished in non-glare satin chrome
- Fully hardened & tempered
- Available in 3 lengths



851 SERIES SATIN CHROME FLEXIBLE RULES

- Professional quality steel rules
- Finished in non-glare satin chrome
- Fully hardened & tempered
- Available in 2 lengths



111-5877 6" / 150mm	£8.22
111-5878 12" / 300mm	£14.36

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111-5877 6" / 150mm</

DIGITAL DEPTH MICROMETER

- 0 to 150mm / 0 to 6in. range
- Friction thimble
- Base 100mm long x 16mm wide
- 4.5mm diameter depth rods
- With interchangeable depth rods



315-7834 £293.77

METRIC DEPTH MICROMETER 25MM

- Micro fine graduations for accurate reading with resolution to 0.01mm
- Hardened and ground base
- Spindle locking lever and ratchet stop
- Supplied in fitted case with adjustment tools
- 150mm version includes interchangeable rods



705-1244 £51.36

DIGITAL DEPTH GAUGE

- Range 150mm / 6"
- Resolution 0.01mm/0.0005"
- Digit size: 7.5 mm
- Accuracy: ± 0.03 mm
- Base width: 100mm



136-8093 With hook tip	£91.39	851-3545 16"	£15.35
123-0919 Without hook tip	£87.26	851-3554 24"	£17.18
		667-3916	£95.80

POCKET DEPTH GAUGES

- Heads are manufactured from fully hardened steel
- Rule manufactured from hardened and tempered stainless steel
- Base and Top surface are ground for use as a datum face
- Rule clamped by spring loaded finger clamp
- Rules marked both sides either both metric or one metric, one imperial



724-4061 150mm / 150mm	£29.23	851-3557 16"	£13.94
724-4064 150mm / 6"	£29.23	851-3551 24"	£15.02

BOX SPIRIT LEVELS

- Aluminium box section spirit levels with two solid block vials that will never leak, fade, fog or break
- Strong and robust, designed for professionals to give accurate results
- Available in a choice of lengths

**PRECISION SHAFT LEVELS**

- Generally used to check the setting of the horizontal level of machine tool slide ways and beds
- Main Bubble Resolution: 0.02mm/1m = 4 seconds of arc
- Cross bubble for general alignment
- Ground flat base with vee groove



785-7897 150mm	£136.27	123-0933 150mm	£205.02
785-7890 200mm	£160.71	123-0934 200mm	£230.52

PRECISION FRAME LEVELS

- For applications which require high accuracy levelling
- Used for checking and aligning flat or cylindrical surfaces in horizontal and vertical positions
- Main Bubble Resolution: 0.02mm/1m = 4 seconds of arc
- Cross bubble for general alignment
- Ground flat base plus one upright side provided with a ground vee groove

**HIGH IMPACT SPIRIT LEVELS**

- High impact bridge type spirit levels are lightweight, easy to use and offer a shock absorbent design
- With a precision milled base for higher accuracy
- Different lengths available

**DIGITAL LEVEL / INCLINOMETER**

- Quick and accurate measurement of gradient
- Selectable acoustic signal to indicate 0° or 90°
- Hold function
- Choice of measurement units: degrees °, percentage %, or in/ft



STEEL BLADE FEELER GAUGES

- Precision, hardened ground gauge blades with nickel plated mild steel holder
- Choice of metric or imperial sets, and choice of blade quantity



449-9628	Metric 10 blade 0.05 - 0.8mm	£5.58
263-7137	Metric 13 blade 0.05 - 1.0mm	£6.70
449-9640	Metric 25 blade 0.05 - 1.0mm	£9.93
449-9634	Imperial 10 blade 1/25/1000"	£5.75
263-5074	Imperial & Metric 25 blade 0.038 - 0.889mm	£11.75

BRASS FEELER GAUGE SET

- Manufactured from 260 alloy
- Vinyl case with individual blade pockets



PLASTIGAUGES

- Can highlight clearance, lobing, ovality on shafts
- Volumetric measurement takes surface roughness into account
- Calibration card supplied
- Clearance measurement 0.001in. to 0.020in. (0.025 to 0.5mm) can be taken.
- Non corrosive and oil soluble



222-4444	0.001-0.007in / 0.025-0.175mm	£4.92
222-4450	0.004-0.010in / 0.1-0.25mm	£7.15
222-4472	0.008-0.020in / 0.02-0.5mm	£7.15

450-4326		£14.10
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PLASTIC FEELER GAUGE SET

- Non corrosive
- Non conductive
- Non sparking
- Non scratching
- Colour coded



785-7828	5" blades	£47.98	387-0183	Imperial & metric	£20.07	683-0731	18 blades	£21.91
785-7822	12" blades	£72.03	387-0199	Metric	£20.46	683-0737	28 blades	£27.70

6 PIECE TELESCOPE GAUGE SET

- Contact points are hardened and ground, radiused to suit smallest bore size capacity of gauge
- Satin Chrome finish
- Constant spring pressure to ensure measurement repeatability



FOLDING POCKET JET GAUGE

- Each set has hard steel pins moulded into plastic carriers
- Pin size clearly moulded onto plastic carrier



SCREW PITCH GAUGE, LOCKABLE BLADE

- Thread gauges for identifying the pitch of screwthreads
- Inch/metric OR metric only version
- 60° metric thread angle
- 55° imperial thread angle
- Screw blade lock screw on each cassette
- Penknife style



SCREW PITCH GAUGE

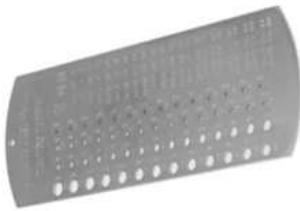
- Suitable for Metric 60° threads
- Narrow blades permit use for internal & external screw threads
- Locking device each end secures blades for storage or use
- Correct pitch is determined by matching blade teeth with threads
- Blades protected in sturdy steel case



683-0731	18 blades	£21.91
683-0737	28 blades	£27.70
683-0709	Replacement blade	£25.50

DRILL & BORE HOLE GAUGE

- Manufactured from high quality Steel
- Satin Chrome finish
- Offers a quick and accurate way of checking drill and rod sizes
- Holes marked in metric with Decimal equivalents



683-0696	1.0 - 5.9mm range	£59.22
683-0706	1.5-12.5mm range	£37.02

RADIUS GAUGES

- Penknife style Radius Gauges
- Machined blades which are suitable for checking both internal and external radii
- Each blade is marked with its size



683-0753	Imperial	£35.29
683-0759	Metric	£33.61

THREAD PITCH GAUGES

- Penknife style screw pitch gauges
- Milled blades



683-0756	27 blades	£24.49	136-8085	12" 300mm	£93.64
683-0743	30 blades	£22.04	841-2530	145mm	£27.41

DIGITAL THICKNESS GAUGE 0-12MM

- Lightweight, made from extra strong carbon fibre composites
- Clear LCD display
- Reads in inches and millimetres
- Complete with spindle retraction lever

**SMALL HOLE GAUGE SET**

- Ground and hardened radius ends
- Knurled grip and locking screw
- Steel construction with a satin chrome finish
- Supplied in a plastic carry wallet with size markings for easy identification of missing tools



841-2524	4 piece set 3.2-13mm	£72.61
877-1801	50 piece set 0.02-1.28mm	£178.50
877-1804	185 piece set 1.30-4.98mm	£390.77

FINE ADJUSTMENT VERNIER CALIPER

- Dual scale with both metric and imperial readings
- Manufactured from hardened steel
- Fine adjustment mechanism with lock screws
- Suitable for general workshop and machine shop use



DIGITAL MICROMETER 0-150MM

- Imperial or metric reading, with interchangeable anvils
- Resolution 0.001mm/0.0005"
- LCD display
- Metric/inch conversion
- Supplied in fitted case



877-1791 £350.52

ELECTRONIC CALIPER & MICROMETER SET

- Micrometer has 0 to 25mm / 0 to 1in. measurement range, with electronic LCD display
- Carbide tipped measurement faces
- Caliper is 0 to 150 mm / 0 to 6in. measurement range, also with electronic LCD display
- With stainless steel jaw & frame
- Inside, outside jaws & depth measurement rod



443-0449 £157.08

MICROMETERS

- Graduated with an accuracy of 0.001in./0.01mm
- Positive spindle lock fitted



725-5709	0-1in	£18.84
725-5724	0-25mm	£25.50
725-5702	25-50mm	£22.79

MICROMETER SETS

- Satin Chrome finish spindle and thimble
- Carbide measuring faces
- Conform to accuracy parameter of BS870



705-1266	Imperial External Micrometer Set	£160.87
705-1213	Metric External Micrometer Set	£143.87
785-7838	Inside Micrometer 25-50mm	£103.11
785-7834	Inside Micrometer 5-30mm	£94.91
785-7847	Tubular Rod Inside Micrometer 50-250mm	£172.15
785-7840	Tubular Rod Inside Micrometer 50-600mm	£221.30

METROLOGY SETS

- A range of professional calipers, micrometers and rulers.
- Dial rotates and can be locked for zero adjustment
- Thumbwheel for ease of operation
- Satin Chrome finish



841-2527	Dial Caliper, Micrometer & Rule Set	£69.71
841-2521	Electronic Caliper & Micrometer Set	£122.78
841-2583	Electronic Measuring Set	£107.78
841-2574	Magnetic Base & Dial Indicator Set	£53.53

MECHANICAL MICROMETER HEAD

- Accuracy conforms to DIN 863
- Accuracies of 0.01mm
- Non-glare satin chrome barrel and sleeve
- Supplied with adjustment tool



785-7875	Micrometer Head 0.01mm/0 - 13mm	£30.92
785-7878	Micrometer Head 0.01mm/0 - 25mm	£29.49
785-7866	Micrometer Head 0.01mm/0 - 6.5mm	£28.73

DIGITAL CALIPERS

- Clear LCD display
- Stainless steel construction
- Origin setting
- Switchable On/Off
- Thumbwheel for fine adjustment
- Knurled locking screw
- Metric and imperial or metric only



841-2518	150mm / 6"	£36.16
841-2511	200mm / 8"	£50.08
841-2515	300mm / 12"	£95.85
877-1788	600mm / 24"	£334.05
247-206	Metric, 150mm	£35.87
877-1775	Metric, 200mm	£50.17
877-1779	Metric, 300mm	£85.59

ANVIL MICROMETERS

- Point anvil for measurement in restricted spaces
- Disc anvil for measurement of awkward objects such as fins on castings, keys, gear teeth, etc
- Satin chrome ratchet thimble
- Spindle lock
- Carbide anvil, 30° point angle



248-9180	Point, 0-25mm	£124.44
248-9196	Disc, 0-25mm	£137.70
247-161		£44.90

150MM DIGITAL CALIPER

- Large digit LCD display
- Frame and jaws manufactured from stainless steel
- Accurate measurement of inside, outside, depth and step dimensions



1000MM DIGITAL CALIPER

- Large capacity caliper to 1000mm / 40"
- Stainless steel frame and measuring jaws
- Fine adjustment with knurled locking screws
- Clear LCD display
- Large 13 mm digits



123-0916 £755.82

COMBINATION SQUARE

- Steel frame and powder coated graduated steel rule
- Often referred to as a "carpenters square"
- Ideal for workshop or maintenance use
- 4 piece set includes square, protractor and centre heads, plus blade



851-3560 12"	£8.56
300-8287 12", 300mm	£24.64
785-7888 4 Pieces	£193.46

SURFACE COMPARATOR

- 30 Piece Specimen Comparator
- Metric Ra and imperial AA samples are included
- Supplied in a PVC wallet (165 x 86 x 10 closed)
- Production is as standardised in ANSI B46.1 - 1978 military standard 45662



235-7544 £216.24

150MM DIAL CALIPER

- Carbon fibre construction
- External/ Internal jaws
- Depth rod
- Rotatable bezel
- Graduated 0.1mm
- Graduations per revolution 100
- Travel per revolution 10mm



841-2537 £9.01

GAUGE BLOCK SETS

- High-quality alloy steel
- Blocks are manufactured from specially selected high-quality age hardened alloy steel
- Each gauge is marked with an identification number
- High resistance to wear
- Supplied in a fitted case



409-2312 47 pieces	£564.05
409-2328 87 pieces	£832.58
264-3621 10 piece gauge & angle	£72.65

ADJUSTABLE PARALLEL SET

- Consist of 2 piece dove tailed together
- Locked in place by set screws
- Can be set to a micro meter for size
- Set of 6 Parallels 3/8"-2 1/4" (9.5 - 57.2 mm)



123-0922 £153.00

COMBINATION SQUARE SET 12"

- Sheet metal work applications
- All heads are manufactured from cast iron castings
- Rule is tempered steel



249-3987 £217.42

PARALLEL SETS

- Sets contain matched pairs of parallels
- All parallels are hardened and precision ground
- Parallelism accuracy 0.0002in
- Matched pair accuracy 0.0003in



387-0127 4 pair	£119.64
264-3520 10 pair	£66.84

METRIC PROTRACTOR 360°

- A general workshop instrument for marking or transferring angles
- The blades are precision ground steel and the protractor has a satin chrome finish which reduces glare
- Magnifier fitted to protractor
- Protractor graduated 0-360°, resolution 5 minutes arc
- 150mm and 300mm blades are bevelled 45° and 60° at each end



264-3508 £112.46

METRIC PROTRACTOR 180°

- Stainless steel professional vernier style protractor for precision angle measurement.
- The various combinations of square and knife blade attachments enables the precise measurement of awkward hard to read angles
- Hardened for strength and long tool life
- Protractor graduated 320 x 1
- Inner range 40° to 180°, Outer range 0° to 180°



235-7550 £108.43

STRAIGHT EDGES

- Ideal choice for drawing or scribing straight lines and checking surfaces for straightness
- Thickness and design to retain shape and accuracy
- Deviation of flatness to DIN874/2 & VDI/VDE/DGQ2618
- Marked with supporting points on side face
- Working surfaces and side faces are fine ground



877-1785 500mm	£65.13
877-1794 750mm	£102.35
877-1797 1000mm	£126.77

BINOCULAR MAGNIFIER HEADBAND

- Magnification power of x 2.7
- Comfort during continuous usage
- Adjustable headband between 480 mm and 570 mm circumference
- Spectacles can be worn underneath
- Easy retro-fit lens options



606-989 2.7x magnifier	£81.28
662-917 1.8x alternative lens	£21.94
662-923 3.5x alternative lens	£26.08

ENGINEERS TRY SQUARES

- High quality engineers squares
- Ideal for workshop and inspection applications
- Accuracy conforms to BS939 grade B for squareness



724-4042 2in	£21.88
724-4046 3in	£22.55
724-4055 4in	£27.25
724-4052 5in	£30.83
724-4058 9in	£93.91
724-4024 12in	£120.57

DIGITAL SHORE A DUROMETER

- Fast and convenient method of measuring.
- Large Digit Size: 14 mm
- 3 Button Control: ON/OFF, HOLD, ZERO
- Power: 1 x Lithium CR 2032 – 3 V Battery
- Manufactured to comply with BS ISO 7691-1:2004



123-0926	£164.22
290-1539	£61.19

OPTIVISOR HEADBAND MAGNIFIER

- Lightweight, impact resistant plastic frame
- Comfortable padded headed, fully adjustable
- Adjustable pivot point: holds visor in any viewing position
- 203mm focal length



4-PIECE SET SQUARES

- Each set contains 4 squares
- Accuracy conforms to BS939 grade B for squareness
- Supplied in a moulded polypropylene storage case



387-0010 2.6in range	£91.25
409-2407 4-12in range	£205.71

MECHANICAL DUROMETER

- Shore A (range 1-100)
- "Maximum reading" pointer fitted to dial
- Indicator test piece supplied
- Manufactured to DIN53505 and ASTM D2240



332-0256	£232.25
534-2400	£48.79

LED MAGNIFIER

- LED illumination with the option to tilt or swivel
- Ideal for use in badly lit areas and for close up inspection work
- Four interchangeable binocular magnifying lenses - 1.2x, 1.8x, 2.5x, 3.5x
- Detachable flexible head spotlight with latching pushbutton switch
- Powered by three AAA cells (not supplied)
- Adjustable headband



WIDE LENS MAGNIFIER TABLE LAMP

- 56x LEDs daylight lamp with wide glass lens and unique arm joint for extra close-up work at table level
- Quality 175 x 108mm (7" x 4.32") lens, 3 dioptres (1.75mag)
- Built-in close up lens 12 dioptres (4x magnification)
- Shadow free light with low heat emission
- Ergonomic design with table base and lens cap



808-7030 £100.14

SLIMLINE FLUORESCENT MAGNIFIER LAMP - TABLE CLAMP

- A slim long reach 16W magnifier lamp with long arms and 3 sturdy joints for easy positioning when dealing with close up, intricate work
- Low heat emission bulb and shadow free lighting for clear and comfortable working
- Removable protective sun cap
- With a 1.5m cable and table clamp with cone holder ideal for mobile working, can quickly and easily be moved from desk to desk



808-7058 £61.58

TELESCOPIC MIRRORS

- Retracted, fits into the pocket, 135mm long
- Extended, allows access into recesses, 485mm long
- Chrome plated steel extension tube, pocket clip and mirror body



394-156 32mm dia £5.26
394-172 55mm dia £11.45

INSULATED INSPECTION MIRRORS

- Dental style pocket inspection mirrors, fully insulated, handle and head
- Allows safe inspection of inaccessible areas of equipment carrying low voltages, or for general inspection work



262-1744	22.4mm dia	£11.94
315-5030	26.1mm dia	£11.52
315-5052	30.4mm dia	£13.29

INSPECTION MIRROR PROBES

- An excellent choice for both electrical and industrial engineering applications



911-1178	Insulated 50mm dia	£19.76
123-0923	Magnetic 24mm dia	£7.11

INSPECTION MIRRORS

- All mirrors are marked with standard size/type markings
- Suitable for medical or engineering applications



394-162	20mm dia	£6.20
544-998	Ball Jointed adjustable 24mm dia	£26.03
342-9347	30mm dia	£18.27
450-4310	30.4mm dia	£7.79
613-230	35mm dia	£22.03
471-8806	Flexible, 3 mirror size (14,23,30mm dia)	£27.21

SONOSCOPE

- Simple diagnostics tool for listening to suspect bearings, gearboxes and similar
- Complete with extended probe
- Professional mechanic quality
- Provides a fast and easy way to detect problems
- Plastic and rubber parts make this piece shock proof



499-8967	£23.05
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WIRELESS LCD DIGITAL ENDOSCOPE

- Image sensor: 1/4 CMOS
- Viewing angle: 30 / 45 degrees
- Illumination: 2 LEDs
- Depth of vision in darkness: 1.5m
- Flexible cable length: 1m
- Waterproof rating: IP67
- Removable LCD monitor
- Wireless video camera connection
- Free field range of up to 15m



394-156 32mm dia £5.26
394-172 55mm dia £11.45 **806-5862** £247.69

HASTINGS TRIPLET LENS

- Each magnifier has a multiple lens configuration which gives a high quality image
- Available as single, double or triple magnifier
- Supplied in a storage pouch



342-9375 Single 10X	£31.01
342-9808 Double 10X 15X	£55.88
342-9814 Triple 10X 15X 20X	£86.28

BI-ASPHERIC EYE MAGNIFIERS

- Virtually unbreakable housing and shatter-resistant lenses coated with an anti-abrasive film
- Offers outstanding light transmission up to 96%
- Minimise distortion and gives a broad field of view



732-842	15X	£18.58
732-858	20X	£23.37

EYE GLASS

- Lens diameter 29mm, height 31mm



544-055	9X	£4.46
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MAGNIFIERS

- A professional range of hand-held, and illuminated magnifiers
- The lenses are manufactured from polymethyl acrylate with a duplex hardened coating
- Durable, antistatic and scratch resistant.



614-1551	4x Blue	£2.41
614-1539	4x Black	£2.41

LONG REACH STEREO MICROSCOPES

- Two 10x magnification eye pieces mounted
- Magnification 20x or 40x simply by rotating the objective turret (471-8834)
- Primary voltage 240Vac, working voltage 12V
- For details visit the RS website



471-8828	20x	£334.56
471-8834	20x & 40x	£398.82

ENDOSCOPES

- Detailed visual inspection in hard-to-reach areas, even in total darkness or under water
- Lightweight handheld device
- Wireless solution lets you record or view images & videos wirelessly with detachable monitor
- Waterproof version makes it possible to inspect sewer, water lines and view video underwater in real time



913-1560	Wireless	£170.29
913-1579	Waterproof	£213.13

LED DOME MAGNIFIER

- Plano-Convex Glass magnifier lens, diameter 6.75 cm (2 2/3")
- Magnification 3x (75 dioptres)
- 3 white LED light bulbs. Switch on/off by pressing dome
- Dimensions: 95 x 95 x 45mm
- Voltage: 3V per battery (2x CR2016)



136-3719		£173.4
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PCB INSPECTION MAGNIFIER

- Features integral metric/imperial graticule
- Ideal for direct measurement of the object
- The base incorporates 35mm film negative and 35mm slide viewing slot



200-9396	5X	£35.79
544-083	8X	£32.06

GRATICULE MAGNIFIERS

- Suitable for measurement of angles, linear dimensions, hole sizes and grids
- Various scale available for appropriate measurements



200-9403	7X	£65.85
200-9425	10X	£80.55
200-9431	mm/in scale, No.1	£18.53
200-9447	metric scale, No.2	£21.93
200-9469	mm/in/deg scale, No.4	£15.59

SURFACE CONTACT MAGNIFIERS

- Folding body ensures correct focal distance to object and gives minimum storage space
- Perimeter of viewing area on the base is graduated
- Chrome plated or black anodised finish



342-9397	5x 26mm lens dia	£17.23
342-9404	8x 20mm lens dia	£34.37
342-9325	10x 14mm lens dia	£12.37

DIGITAL MICROSCOPES 1.3M

- 1/4 in sensor
- Still and video 1280 x 1024 resolution
- Max 230x magnification
- Auto white balance and exposure
- 8 adjustable LED's
- Powered by USB



800-3072 1.3m	£61.41
800-3076 2.0m	£73.00

WI-FI DIGITAL MICROSCOPE

- Innovative Mi-Fi digital microscope features in-built WiFi transmission
- Breaking away from the conception of traditional microscopes
- Mi-Fi companion app available on both the App store or Google play
- Microscope transmits directly to your smartphone or tablet device
- Measurement, conservation, copy and transfer of images and video
- The microscope can also output to a computer via the included USB cable



913-2519 5-200x UK plug	£256.88
913-2513 5-200x Polarized UK plug	£285.43
913-2522 5-200x white / UV light UK plug	£285.43
913-2480 5-200x white / UV light EU plug	£285.43
913-2484 10-160x UK plug	£271.83
913-2525 10-160x EU plug	£285.43
913-2529 500-600x UK plug	£285.43
913-2493 500-600x EU plug	£271.83

INSPEX HD 1080P TABLE INSPECTION SYSTEM

- Offers superb 1080p full HD image quality, colour reproduction, contrast and resolution
- Versatile system which offers multiple configurations
- Can be adapted to suit any industry or environment
- Wide dynamic range uses overlapping multiple exposures
- Noise reduction removes noise to provide clear images
- On-screen display provides vital information such as magnification level, focus/exposure mode and in-depth settings menu



121-2749 HD Inspection System	£2,912.10
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INSPECTION CAMERA KIT

- 1/9in VGA CMOS sensor with 640 x 480 pixel resolution
- Lens outer diameter 8.0mm
- Waterproof IP67
- Upside down screen function
- Powered by 4 x 1.5 V AA batteries (not included)
- Records stills & videos (847-8947)



847-8947 Camera kit with video	£223.38
847-8956 Camera kit	£121.38
130-9777 3m camera extension cable	£30.59
130-9778 20m camera extension cable	£101.99

DIGITAL PLUNGER DIAL INDICATOR

- Electronic digital indicator
- LCD display



724-4030 12.5 range	£157.08
724-4036 12.7 range	£169.32

BENCH MAGNIFIER ACCESSORIES

- A professional high quality range of bench magnifier accessories
- Hardwearing durable wall bracket to support clamp fitting magnifiers
- Secured via 4 screws for a solid connection



855-5927 Bench Bracket	£15.35
855-5921 Floor Stand	£71.84
855-5930 Table Base 10Kg	£51.30
855-5924 Wall Bracket	£15.35

DIAL BORE GAUGE

- Range: 50-160mm
- Supplied in a case complete with probes and extensions



785-7872	£115.23
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X-Y STAGE FOR VESA & TABLE MAGNIFIERS

- X-Y control with dual knob
- Unique joint and material for smooth movement
- Non-slip rubber surface
- Ideal for inspecting complex surfaces
- Clamps for securing slides or other objects
- Oblique tilting stage is designed to view objects with irregular surfaces



121-2760 XY Stage	£264.18
121-2762 Oblique Tilting	£264.18
121-2763 Height Adjustable	£175.44

LEVEL DIAL INDICATOR

- When turned off indicator will remember the last reading and display upon start up
- M2.5 diameter ball anvil measuring contact
- Lug back mounting fitted as standard
- 1x SR44 Coin Cell battery



841-2565	£48.42
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LEVER INDICATORS

- General purpose lever dial indicator
- Reversing mechanism
- Dovetail mount on top, rear and bottom faces
- Dial bezel rotates for zero reading adjustment



300-8293	0-0.8mm/0-40-0	£76.86
705-1222	0-0.03in/0-15-0	£50.68

LEVER DIAL INDICATORS

- Large Dial Face
- Available in Metric and Inches
- Supplied with 6 and 8mm mounting spigots
- Dovetail on all 3 sides of body



612-2566	Dial Indicator 40mm	£93.83
877-1757	Lever Dial Test Indicator Inch	£53.00
877-1766	Lever Dial Test Indicator Metric	£73.41
705-1235	25mm Spindle Extension	£2.06

PLUNGER DIAL INDICATORS

- Rotating bezel with bevel lock
- Adjustable dial
- Built in tolerance pointers
- M2.5 diameter ball anvil measuring contact
- Lug back mounting fitted as standard



841-2552	0-1/8in with 3/8" stem	£19.30
841-2543	0-1/8in with 8mm stem	£19.30
841-2559	0-1in with 38mm stem	£21.61
841-2555	0-1in with 8mm stem	£21.61
841-2561	0-10mm with 8mm stem	£18.78
841-2568	0-25mm with 8mm stem	£38.06
123-0920	0-5mm	£30.35
123-0921	0-50mm	£93.77

INDICATOR CLAMPS

- A range of indicator clamps offering different support solutions depending on application



248-9051	Centre lock vacuum base	£235.76
264-3659	Centre lock adjustable centre finder	£162.17
248-9045	Centre lock magnetic clamp base	£267.96
877-1772	Double Jointed Indicator Holder	£17.13
877-1763	Single Jointed Indicator Holder	£14.22

MINI MIGHTY MAGNETIC BASE

- Incorporates ON/OFF switch and V base
- Extra pull gives positive and rigid clamping to flat and especially cylindrical surfaces
- Will accept: Dovetail lever gauges OR 6mm, 8mm, 3/8in, diameter stem Dial Indicators
- Single direction fine adjustment at base
- Universal swivel clamp for all dial and test indicators
- Strong arm lock by using 3 points clamp
- Easy to set up gauges into required position
- Black finished arms
- Weight: 0.500Kg.



387-0155		£48.47
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CENTRE LOCK NOGA MAGNETIC BASE SETS

- 5 Axis Noga holding arm with 360° fine adjustment at base
- Holds indicators with 6 & 8mm stems plus dovetails
- Magnetic base 280N force
- Choice of magnet type depending on requirements



213-0709	Permanent magnet	£281.52
213-0737	Switchable magnet	£216.24

ROUND BAR CENTRE FINDER

- 3/8 in. shank fits collet or 3 jaw chuck
- Suitable for bar up to 55mm diameter



264-3514	Round bar centre finder wiggler set	£25.72
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DIAL INDICATOR BASES & ARMS WITH MAGNETIC BASE

- A range of indicator clamps offering different support solutions depending on application
- With magnetic base for easy location



213-0670	DTI clamp centre lock	£132.60
614-1517	Snake arm	£52.86
841-2580	Fine Adjustment	£37.87
841-2577	Light Duty	£33.63
841-2571	Light Duty Magnetic Switch	£34.13
877-1769	Minor Mag Set	£106.28

CENTRING INDICATOR

- Ideal for comparative measurement and centre finding
- Indicator remains stationary during set-up
- Internal or External centring
- Assist with positioning of Spindle in relation to Workpiece
- Range 0-25-0 resolution 0.1



332-0278	Centring Indicator	£195.81
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DIGITAL TACHOMETER

- Electronic 5-digit LCD contact tachometer which also functions as a speed indicator (selectable)
- Direct reading rpm
- Surface speed ft/min. or m/min
- Memory - recall of last reading, max., min



123-8773 5 digit single memory

£132.08

STROBOSCOPIC TACHOMETERS

- Max. 300,000 flashes per minute
- Protection class IP65 (splash water and dust)
- Light emission 4800 Lux @ 6000 FPM @ 30cm
- Wide range of influencing light emission, frequency and trigger signal
- Heavy duty design with rubber holster



845-9725

£532.94

MECHANICAL TACHOMETERS

- Metric and Imperial options
- Oversized 3" Dial (70mm) uses 2 separate colour scales making reading RPM and Surface Speed quick and easy
- Accuracy of $\pm 0.5\%$ Full Scale
- 3-Position Range Selector Switch provides highest possible resolution for each application
- Memory button holds pointer in "last" position until reset



845-9687 Metric

£310.99

845-9699 Imperial

£363.81

RS TACHOMETER ACCESSORIES

- Accessories and spares for the RS Rotaro, Redpoint and Mechanical tachometers.
- Suitable for Rotaro Tachometer 845-9674.



845-9778 12" measuring wheel

£63.57

845-9738 A5-1000 3.0 contact adaptor

£32.35

845-9750 Measuring tip

£8.38

845-9740 0.1M measuring wheel

£9.76

845-9753 6" measuring wheel

£12.70

845-9731 Reflective Tape

£6.27

845-9781 Welding wire speed adaptor

£471.00

ROTARO DIGITAL HANDHELD TACHOMETER

- Measures max, min, and average values in both metric and imperial units
- Max speed 99,999rpm
- LCD display
- Memory



845-9674

£214.95

123-0931

£38.42

5-DIGIT LASER TACHOMETER

- Direct reading RPM
- Memory recall of last reading, max., min
- Reflective target tapes included
- 10-99999rpm 1mW



123-8771

£111.38

ELECTRONIC METRIC EDGE FINDER

- Read off any electrically conductive material
- Illuminates instantly when probe touches work edge
- Repeatability 0.01 mm
- Cylindrical probe 5mm diameter
- Power: 1 x 23-A-12V battery





WHEN FOOD & BEVERAGE MATTERS



The widest single-branded offer for the food and beverage industry.

RS PRO comprehensive range of food and beverage compliant products offers the choice of quality and value. From IP67 ratings to industry approved materials, our products can withstand the demands of F&B environments.



TOOLS & SOLDERING



- | | |
|--|--|
| 382 SPANNERS & SOCKETS | 413 TOOL KITS & TOOL STORAGE |
| 389 SCREWDRIVERS & SCREW EXTRACTORS | 417 AIR TOOLS |
| 394 HAMMERS, PUNCHES & CHISELS | 418 MINI POWER TOOLS |
| 396 PLIERS | 420 POWER TOOL DRILL BITS |
| 400 MANUAL SAWS & PLANERS | 424 PLUMBING TOOLS |
| 401 CLAMPS & VICES | 425 GREASE GUNS & ACCESSORIES |
| 403 PULLERS & EXTRACTION TOOLS | 425 SOLDERING & DESOLDERING TOOLS |
| 404 KNIVES, SCISSORS & MULTI-TOOLS | 427 WELDING & BRAZING TOOLS |
| 407 DEBURRING & FINISHING TOOLS | 428 MILLING CUTTING TOOLS |
| 407 THREADING TOOLS | 428 MACHINE TOOLS & ACCESSORIES |
| 411 POSITIONERS & RETRIEVAL TOOLS | |
| 412 CABLE & CONNECTOR TOOLS | |

RS PRO is the only global brand that gives you every part you need across five industry categories at the quality and price you expect.

SPANNERS & SOCKETS

ADJUSTABLE SPANNERS

- High quality, phosphate finish
- Precision-hardened, anti-corrosion finish
- Manufactured to ISO6787 standards
- These spanners incorporate 15° angled head with thin parallel jaws



541-6573	20mm / 6"	£7.78
541-6589	26.8mm / 8"	£9.48
541-6595	30mm / 10"	£12.29
541-6602	34mm / 12"	£14.56

FASWRENCH ADJUSTABLE WRENCH

- Patented ratchet function jaw
- One piece handle for excellent strength
- Jaw opening: 6-24mm
- Nut Size: M6-M16
- Torque: 30.61 kgf-m



829-6537		£18.52
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INSULATED ADJUSTABLE SPANNERS

- Each tool is injection moulded
- Nylon T1 insulation
- IEC 60900:2004 specification
- Withstands impact at temperatures as low as -40°C
- Passed electrical test of 10,000 volts for 3 minutes submerged in water



911-1168	200mm	£28.76
911-1162	300mm	£36.05
911-1171	380mm	£64.10
911-1174	300mm hammer head	£68.63

C HOOK WRENCHES

- Adjustable C hook wrenches for use in a wide range of maintenance and repair applications
- Thin profile for working in hard to access narrow spaces
- Drilled hole for lanyard attachment or easy storage
- Black finish



828-0239	19-51mm	£9.98
828-0248	32-76mm	£15.52
828-0241	51-120mm	£18.85
828-0245	Chain adjust wrench	£15.52

COMBINATION SPANNER

- Manufactured to ANSI standard from Chrome Vanadium Steel with a bright Chrome finish



495-3655	6mm	£3.48
495-3661	7mm	£3.48
495-3677	8mm	£3.47
495-3447	10mm	£3.31
495-3453	11mm	£4.14
495-3469	12mm	£4.49
495-3475	13mm	£4.20
495-3481	14mm	£4.68
495-3497	15mm	£4.76
495-3504	16mm	£5.75
495-3510	17mm	£6.04
495-3526	18mm	£6.12
495-3532	19mm	£7.33
495-3548	20mm	£8.39
495-3560	22mm	£9.26
495-3598	24mm	£10.48
495-3605	27mm	£12.69
495-3611	30mm	£15.44
495-3627	32mm	£16.43
495-3649	36mm	£35.87

MULTI-PURPOSE CABINET KEY

- 6.5mm and 8.1mm square sockets
- 6.4mm (1/4 in) AF Hex socket
- 9.8mm triangular socket
- 9mm winged key drive
- Hex to 1/4 in square drive adapter
- 7mm slotted blade
- Pozidriv drive screwdriver bit



439-3019	Chrome finish	£10.75
439-3025	Zinc alloy finish	£9.60

UNIVERSAL CABINET CROSS WRENCH KEY

- Designed to operate the locking mechanisms of a wide range of systems including gas, electric and water cupboards as well as technical equipment including air conditioning, stop valves and mains consoles



841-7005		£14.48
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STRAP WRENCH

- For clockwise or anti-clockwise turning of awkwardly shaped items
- Ideal for maintenance and service applications
- 6" diameter capacity



542-3751		£19.30
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CHAIN WRENCH

- Designed and sized to provide maximum leverage for the toughest of jobs
- Drop forged CR-MO for steel



PENKNIFE HEXAGONAL SETS

- Metric and imperial sets of hexagon keys which fold into a convenient penknife style handle
- Keys have blackened finish, steel handle is bright zinc-plated



451-8993	7-piece metric	£9.13
314-2977	7-piece penknife	£15.29
537-760	9-piece metric	£10.37
537-754	9-piece imperial long arm	£5.07
451-9003	9-piece imperial short arm	£8.17
451-8921	8-piece Torx tamperproof	£17.02

1/4" MAGNETIC BIT HOLDERS

- Supplied in a compact plastic box
- 1/4" hexagon shank
- Accepts 1/4" hexagon shank bits



125-0424	50mm Long	£4.44
125-0425	75mm Long	£6.57

MAGNETIC QUICK LOCK BIT HOLDERS

- 1/4" hexagon shank



125-0426	50mm Long	£10.75
125-0427	75mm Long	£14.78
125-0428	100mm Long	£18.42
125-0429	150mm Long	£21.53
125-0430	Impact Bit Holder	£9.54

L-SHAPE HEX KEY MINIATURE SET

- Made from chemically blackened, chrome vanadium steel
- High-quality materials ensure long and safe service
- The set is supplied in handy compartmental plastic wallet
- 8-piece set contains 0.7-4mm sizes



450-1002	450-1002	£4.89
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PLASTIC HOLDER SETS

- Short arm L-shaped hexagon key sets in tempered chrome-vanadium steel, with chemically blackened finish
- Contains 10-pieces 1.5-10mm, supplied in plastic holder

**HEXAGON BALL DRIVERS**

- Suitable for all types of hex screws
- Ball driver allows screws to be tightened/loosened at angles up to 25°
- Gonilla grip handle stronger than steel
- Longer length keys for additional leverage and extended reach



542-3515	9-piece 1.5-10mm	£15.51
542-3509	15-pieces 1.27-10mm	£24.84

RACK MOUNTED DRIVER SETS

- Available in metric or imperial each with bench mounting metal storage rack
- Keys manufactured from chrome-vanadium steel, with chemically blackened finish



537-805	Imperial	£27.88
537-811	Metric	£32.96

INDIVIDUAL L-SHAPED BALL DRIVERS

- Chrome Vanadium steel construction
- Chemically blackened finish



735-144	1.3mm	£1.72
735-059	1.5mm	£1.52
735-065	2mm	£1.60
735-071	2.5mm	£1.68
735-087	3mm	£1.74
735-093	4mm	£1.89
735-100	5mm	£2.12
735-116	6mm	£2.29
735-138	10mm	£4.74

INSULATED T BAR HEX KEYS

- T-shaped handle offers optimal power transmission
- Designed to protect up to 1000V
- Injection moulded Nylon 11 insulation



911-1373	3mm	£21.76
911-1376	4mm	£21.76
911-1370	5mm	£22.11
911-1389	6mm	£19.58
911-1392	10mm	£27.64
911-1382	1/8 AF	£21.76
911-1395	3/16 AF	£21.76
911-1398	1/4 AF	£19.58
911-1386	5/32 AF	£21.76

SPANNERS & SOCKETS

INSULATED HEX KEY SET

- Fully insulated to VDE and EN 60900 standards
- Durable soft grips for comfortable use
- Heat treated chrome vanadium steel



917-1502 2.5-8mm	£31.50
917-1511 10-50mm	£42.00

1/4IN SQUARE DRIVE HEXAGON SOCKETS

- Non impact sockets
- Smooth sandblasted finish
- Knurled grip



830-3997 4.5mm	£1.15
830-3998 4mm	£1.28
830-3994 5.5mm	£1.20
830-3990 5mm	£1.28
830-4007 6mm	£1.33
830-4000 7mm	£1.33
830-4004 8mm	£1.39
830-4013 9mm	£1.25
830-4016 10mm	£1.45
830-4010 11mm	£1.45
830-4029 12mm	£1.50
830-4022 13mm	£1.40
830-4026 14mm	£1.60

3/8IN SQUARE DRIVE BI-HEXAGON SOCKETS

- Non impact sockets
- Smooth sandblasted finish
- Knurled grip



830-4035 8mm	£2.13
830-4038 9mm	£2.13
830-4032 10mm	£2.13
830-4041 11mm	£1.96
830-4044 12mm	£1.96
830-4048 13mm	£2.18
830-4057 14mm	£2.20
830-4050 15mm	£2.20
830-4054 16mm	£2.20
830-4063 17mm	£2.25
830-4066 18mm	£2.49
830-4060 19mm	£2.77
830-4079 20mm	£2.57
830-4072 21mm	£2.85
830-4076 22mm	£2.85
830-4085 23mm	£2.54
830-4088 24mm	£2.82

1/2" SQUARE DRIVE BI-HEXAGON SOCKETS

- Non impact sockets
- Smooth sandblasted finish
- Knurled grip



830-4082 8mm	£2.18
830-4091 9mm	£2.18
830-4094 10mm	£2.18
830-4098 11mm	£1.96
830-4108 12mm	£2.18
830-4101 13mm	£2.18
830-4105 14mm	£2.18
830-4114 15mm	£2.21
830-4117 16mm	£2.21
830-4111 17mm	£2.21
830-4120 18mm	£2.21
830-4123 19mm	£2.21
830-4127 20mm	£2.04
830-4136 21mm	£2.27
830-4139 22mm	£2.27
830-4133 23mm	£2.25
830-4142 24mm	£2.25

INSULATED NON-IMPACT SOCKETS

- Each tool is injection moulded
- Nylon 11 insulation
- 1/4in Square drive
- 8mm to 32mm sizes available



911-1402 8mm	£13.53
911-1409 10mm	£11.70
911-1418 11mm	£11.70
911-1411 12mm	£12.29
911-1415 13mm	£12.29
911-1424 14mm	£12.47
911-1421 16mm	£12.47
911-1430 17mm	£12.94
911-1433 18mm	£12.94
911-1437 19mm	£13.58
911-1446 20mm	£13.88
911-1443 22mm	£14.99
911-1452 23mm	£15.99
911-1455 24mm	£16.24
911-1459 25mm	£17.88
911-1461 27mm	£21.41

OPEN ENDED SPANNER

- Manufactured to ANSI standard from Chrome Vanadium Steel with a bright Chrome finish



495-3784 6x7mm	£2.26
495-3807 8x9mm	£2.65
495-3841 8x10mm	£3.05
495-3699 10x11mm	£3.07
495-3706 12x13mm	£3.17
495-3712 14x15mm	£4.02
495-3728 16x17mm	£4.36
495-3813 17x19mm	£4.76
495-3734 18x19mm	£5.41
495-3740 20x22mm	£6.55
495-3756 21x23mm	£8.11
495-3829 22x24mm	£8.79
495-3835 24x26mm	£9.43
495-3762 24x27mm	£11.25
495-3778 30x32mm	£14.89

INSULATED OPEN ENDED SPANNERS



- Each tool is injection moulded
- Nylon 11 insulation
- IEC 60900:2004 specification
- Warning thumb stop

911-1187 10mm	£13.41
911-1180 11mm	£13.71
911-1184 12mm	£13.71
911-1193 13mm	£15.77
911-1190 15mm	£17.29
911-1203 17mm	£19.85
911-1207 18mm	£21.41
911-1216 19mm	£21.41
911-1219 20mm	£21.41
911-1213 21mm	£21.64
911-1222 22mm	£21.64
911-1229 24mm	£23.41
911-1238 30mm	£29.11

SINGLE OPEN ENDED SPANNERS

- Range is designed to protect you from up to 1000V
- The injection moulded Nylon 11 insulation offers maximum protection and longer life
- Ideal for extreme climates and using in electrical and industrial engineering climates



911-1263 0BA	£13.35
911-1272 2BA	£13.35

COMBINATION RATCHET SPANNER

- Metric ratcheting combination spanners
- Manufactured to ANSI from Chrome Vanadium Steel
- Bright Chrome finish



487-208 8mm	£7.28
487-056 10mm	£7.69
487-034 13mm	£8.52
487-038 17mm	£10.13
487-044 19mm	£11.32
487-040 22mm	£14.06
487-270 24mm	£14.81
487-286 30mm	£18.08

COMBINATION SPANNER RATCHET HEAD

- Ideal for awkward and hard to reach areas thanks to the 180° movement of pivot-head
- Manufactured to ANSI Standard
- Chrome Vanadium Steel with a bright Chrome finish



487-189	8mm	£11.21
487-185	11mm	£7.00
487-264	13mm	£13.05
487-218	17mm	£15.66
487-214	19mm	£16.85
487-220	10mm	£11.86

RING SPANNER

- Manufactured to ANSI standard from Chrome Vanadium Steel with a bright Chrome finish



495-3863	10x11mm	£4.44
495-3879	12x13mm	£4.64
495-3891	16x17mm	£2.66
495-3908	17x19mm	£7.55
495-3936	19x22mm	£8.69
495-3942	21x23mm	£5.34
495-3958	22x24mm	£5.99
495-3964	30x32mm	£10.07

INSULATED RING SPANNERS

- Single Ended with 60° Offset Head
- Each tool is injection moulded with Nylon 11 insulation
- IEC 60900:2004 specification
- Heavy-duty spanners for use in any application



911-1288	10mm	£17.17
911-1281	13mm	£18.78
911-1285	17mm	£21.12
911-1294	19mm	£24.39
911-1301	7/8 A/F	£28.26

INSULATED RATCHETING RING SPANNERS

- 72-tooth ratchet and gear produce a 5° rotation allowing it to function in tight spaces
- IEC 60900:2004 specification



911-1348	1/2 A/F	£16.04
911-1342	9/16 A/F	£17.62
911-1354	11/16 A/F	£19.97
911-1358	5/8 A/F	£21.75
911-1308	10mm	£14.95
911-1317	11mm	£15.37
911-1310	13mm	£16.88
911-1314	14mm	£16.58
911-1323	16mm	£19.34
911-1326	17mm	£19.97
911-1320	19mm	£21.75
911-1339	22mm	£23.99
911-1332	24mm	£26.98
911-1487	Reversible 13x17mm	£40.34
911-1496	Reversible 17x19mm	£40.99

IMPACT JOINT & ADAPTOR SET

- 7-piece impact joint and adapter set constructed from durable Chrome Vanadium Steel with a black powder coat finish
- Contains: universal joints: 1/4", 3/8", 1/2"; adaptors: 1/4" female to 3/8" male, 3/8" female to 1/4" male, 3/8" female to 1/2" male, 1/2" male to 3/8" female
- Supplied on plastic socket rail



125-0933		£11.10
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SQUARE DRIVE UNIVERSAL JOINT

- Constructed from chrome vanadium steel
- Anti-corrosive and anti-rust protection
- Super-strength and durable for long life.



609-742	1/4"	£7.95
912-5394	5/16"	£8.40
912-5381	1/2"	£4.73
912-5385	3/8"	£6.62

SOCKET T-BAR

- Designed to add length when used as an extension with ratchets



912-5401	1/4", 250mm	£9.45
912-5397	1/4", 110mm	£4.26
912-5391	3/8", 164mm	£6.15

GRIPPER™ SOCKET

- Unique universal socket with 54 spring loaded pin design that can seize all triangular, square, hexagon, torx profiles, wing nuts, clip bolts and eyelets
- Torque tested to exceed DIN899
- Can be used on any size between 7 and 19mm or 1/4 to 3/4 in
- Set comprising of 1 x gripper, 1 x ratchet handle and 1 x power tool adaptor



460-1067		£40.36
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SOCKET ADAPTER

- Chrome vanadium steel
- Strong and durable
- 3/8" to 1/4"



SPANNERS & SOCKETS

EXTENSION BAR

- Made from Chrome vanadium with matt finish
- Adds length to access hard-to-reach fasteners
- Knurled bands offer a nonslip grip for turning loosened fasteners by hand



912-5414	1/4" 50mm	£2.36
912-5423	1/4" 100mm	£2.56
912-5426	3/8" 75mm	£3.40
912-5420	1/2" 75mm	£4.54
912-5439	1/2" 250mm	£7.09

SOCKET BIT SET

- 45-piece hexagon, spline & TX bits with adaptors in a handy storage case



1/2" DRIVE SOCKET SET

- Chrome Vanadium for excellent strength and corrosion resistance
- Soft comfortable handles for reduced fatigue and a tighter grip
- 8-32mm sockets



35-PIECE LOW PROFILE SOCKET SET

- Ratchets and sockets are up to 30% lower in profile than a standard ones
- Set includes: 1/4" drive ratchet handle and sockets 5/32 to 7/16" and 4 to 12mm; 3/8" drive ratchet handle and sockets 3/8 to 3/4" and 10 to 18mm



6-PIECE IMPERIAL SOCKET RAIL

- Universal sockets in sizes: 9/16", 5/8", 11/16", 3/4", 13/16" and 7/8"
- Available as standard use or impact type



125-0928	Standard	£8.72
125-0929	Impact	£11.10

VDE INSULATED SOCKET SET

- Manufactured from high grade chrome vanadium steels
- 1/4" drive 10-21mm sockets



40-PIECE FLEXIBLE HEAD RATCHET SET

- Durable high grade Steel construction
- Ergonomic, soft grip handle for comfortable handling and reduced user fatigue
- 2 extensions and compact bit set makes this an ideal all-in-one set for any job



213-1011

£56.74

253-166

£48.44

46-PIECE SOCKET & BIT SET

- Chrome Vanadium for excellent strength and corrosion resistance
- Soft comfortable ratchet handles for reduced fatigue and a tighter grip
- Fitted case reduces lost parts
- Bit sizes marked directly on the holders for quick identification of missing bits
- 1/4 and 3/8" drive options



125-0927	£47.19	817-9230	£57.87	817-9242	£55.60
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1/4" SOCKET DRIVE WRENCH RATCHET HANDLE

- Made from high grade alloy steel
- Ergonomically designed
- Ideal for industrial use



253-419	1/4"	£15.49
668-5834	1/4" extendable handle	£21.07

SOCKET WRENCH

- Double ended 1/4in and 5/16in bit ratcheting wrench
- Reversible ratchet mechanism
- Heat treated for strength and durability
- Chrome Vanadium Steel with plated mirror finish



668-5799	1/4" x 5/16" hex drive ratchet handle	£23.24
829-6530	1/4" square handle quick release ratchet	£13.89

3/8" SOCKET DRIVE WRENCH RATCHET HANDLE

- Made from high grade alloy steel
- Ergonomically designed
- Ideal for industrial use



253-172	3/8"	£26.22
668-5843	3/8" extendable handle	£22.17

DRIVE RATCHET HANDLE

- Made from high grade alloy steel
- Ergonomically designed
- 72 teeth
- Ideal for industrial use



912-5404	1/4"	£10.50
912-5408	3/8"	£12.60
912-5417	1/2"	£17.85
668-5846	1/2" extendable	£33.61

FLEX HEAD SOCKET SPANNERS

- Manufactured from high-quality, chrome-vanadium steel
- Hardened and tempered
- General purpose, flex head socket spanner set
- Supplied in compartmental vinyl storage roll



735-762	8x9mm	£4.78
735-778	10x11mm	£5.45
735-784	12x13mm	£6.14
735-790	14x15mm	£3.65
735-807	17x19mm	£7.46

10-PIECE COMBINATION SPANNER SET

- Manufactured from high-quality, carbon steel
- General purpose, twin ended spanner set
- Supplied in compartmental vinyl storage roll



184-8033	4-11mm	£16.78
184-8049	5/32-7/16"	£15.46

INSULATED SOCKET WRENCH

- Each tool is injection moulded
- Nylon 11 insulation
- IEC 60900:2004 specification
- 1/4" square drive



911-1471	Wrench	£95.03
911-1480	125mm extension bar	£23.58
911-1483	250mm extension bar	£27.83

SMALL COMBINATION SPANNER SETS

- General purpose, twin ended spanner set
- Manufactured from high-quality, chrome-vanadium steel
- Supplied in compartmental vinyl storage roll



487-258	6-19mm	£34.58
487-066	6-22mm	£52.07
487-072	1/4-7/8"	£34.37
487-078	3/8-1 1/4"	£53.76

11-PIECE INSULATED VDE WRENCH SET

- Chrome Vanadium Steel construction for strength and long tool life
- Case marked with spanner sizes for quick identification of missing tools
- Tools with VDE markings for safety
- DIN EN 60900:2004



829-6546	829-6546	£86.54
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RATCHETING SPANNER SETS

- Ratcheting box wrenches require only 6° arc
- Meets ANSI, DIN & BS torque specifications
- 72 teeth ratcheting box head



487-163	8-18mm	£53.06
487-191	8-19mm	£86.49
487-280	8-19mm reversible	£107.22
487-268	8-19mm flex head	£136.03

SPANNERS & SOCKETS

FIXED SHORT REACH TAP WRENCH

- Handles slide both ways for tightening
- Hardened & tempered split collet chucks for positive grip
- Ideal for use in small spaces or where reach is required



444-891	50mm	£14.33
444-902	70mm	£12.44
444-908	90mm	£15.45

COLLET RATCHET SHORT & LONG REACH

- Forward/lock/reverse operation ratchet
- Ideal for use in difficult to access areas
- Plated finish



444-918	80mm	£23.43
444-920	100mm	£41.81

TAP & REAMER WRENCH BAR TYPE

- Adjustable all steel tap/reamers with hardened and tempered "V" jaws for holding square/round shanks



444-936	M14-M12	£13.78
444-914	M5-M14	£33.73
444-946	M6-M20	£47.59

'BREAKING' RATCHET HANDLE

- Designed to 'break' at a predetermined torque value, clockwise or anti-clockwise
- Reset by returning to in-line position
- Ideal for use in low torque applications, production or in restricted spaces
- BS EN ISO 9002:1994; A.O.A.P4 Edition 2 - Number 19 UM01; ISO 6789:1992
- CE marked in compliance with European Directives
- $\frac{1}{4}$ in drive size



663-881	0.2-2Nm	£157.79
663-897	1-10Nm	£167.91

DIAL TORQUE WRENCH

- Manufactured to ISO6789
- Easy to read SI and Imperial unit analogue dial
- Clockwise and anti clockwise measurement is possible with double ended ratchet as standard
- Accuracy +/- 3% of reading



575-633	0.3-4Nm $\frac{1}{4}$ in drive	£197.21
815-521	20-215Nm $\frac{1}{4}$ in drive	£301.28
815-515	6-80Nm $\frac{1}{4}$ in drive	£301.28
575-649	8-40Nm $\frac{3}{8}$ in drive	£197.21

INSULATED TORQUE WRENCHES

- Each tool is injection moulded with Nylon 11 insulation
- IEC 60900:2004 specification
- Easy to read Window scale
- Reversible action



911-1522	$\frac{3}{8}$ "	£284.23
911-1531	$\frac{1}{2}$ "	£284.23

TAMPERPROOF - L-SHAPED DRIVER SET

- Manufactured to DIN 911 standards
- For use on all security TORX® type fasteners
- Supplied complete in a plastic storage case



451-8937	9-piece T10-T50	£26.16
157-1525	14-piece T6-T55	£39.47

TORX DRIVER SET

- 8 piece torx driver set supplied in a fitted case with soft grip handle



710-0633		£8.09
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L-SHAPED BALL DRIVER SET

- Chemically blackened finish



537-782	10-piece 1/16-3/8"	£7.58
449-9612	12-piece 0.05-5/16"	£22.06
449-9606	9-piece 1.5-10mm	£12.68

SCREW EXTRACTOR SETS

- Designed for extracting screws and studs of medium tensile strength
- Housed in a plastic case



446-853	5-piece for M3-25	£13.98
446-863	12-piece for M3-M25 including drills	£36.95

1/2 IN. SQ DRIVE HEX BIT SETS

- Hardened and tempered for heavy duty use
- Supplied complete on a rail retaining bar which can be wall mounted or used within a roller cabinet



262-0331	5-12mm, 100mm length	£40.50
262-0325	4-12mm 55mm length	£38.76

FASTBALL RATCHET DRIVERS

- Ratchet bit driver with pop-out storage bit holder
- Length of bit driver tube is 100mm, extends to 150mm
- 8-piece 25mm bits, included inside the ball grip
- 8-piece precision bits w/holders



125-0946	16-in-1	£6.22
125-0948	23-in-1	£9.35

TAMPERPROOF TORX® DRIVE BIT SET

- Chrome Molybdenum Vanadium Steel
- Set contents: Tx8, Tx10, Tx15, Tx20, Tx25, Tx30, Tx40



262-0224		£11.53
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3/8" DRIVE HEX BIT SET

- All sockets manufactured from chrome vanadium steel with screwdriver bits manufactured from S2 steel, hardened and tempered for heavy duty use
- All blade lengths 50mm
- Rail retaining bar can be wall mounted or used within roller cabinet storage box



262-0319	Hex 3-12mm	£33.70
262-0274	Torx T8-60	£38.50



542-122	Bit No.1	£9.27
542-116	Bit No.2	£11.21
516-334	Bit 1/4in, M6	£17.79

HEAVY DUTY HEXAGONAL BIT SET

- The adaptors can be used with hand or power tools



213-0951		£31.04
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COLOUR RING BIT SETS

- 1/4in hexagon shank
- Bits are 25mm long
- Magnetic bit holder is 50mm long
- For kit contents visit our website



125-0434	7-piece	£7.50
125-0438	7-piece TiN CVD	£12.08
125-0435	10-piece 1/16-3/8"	£16.11
125-0440	10-piece diamond coated impact	£26.88
125-0442	24-piece	£40.33
125-0441	32-piece	£40.33

SCREWDRIVER BIT SETS

- Manufactured from high grade alloy steel
- Suitable for use with power tools



615-9221	8-piece hexagon	£2.12
615-9170	8-piece tamperproof	£3.07
615-9215	8-piece Torx	£2.12
615-9209	32-piece assorted	£10.26

SCREWDRIVERS & SCREW EXTRACTORS



MAGNETIC EASY LINK/EASY LOCK BIT HOLDER

- Inserting and removing the bit is possible with one hand motion
- $\frac{1}{4}$ " hexagon shank
- 60mm long



125-0431 £12.08

100-PIECE BIT SET

- 25mm bit length
- Contains: Phillips, Pozi, slotted, hexagon, Torx, Torx BO, and bit holders



EXTRA HARD POZIDRIV SCREW BITS

- $\frac{1}{4}$ " hexagon shank
- 25mm long
- Extra hard coating
- 10 x Pz2



125-0335 £8.47

TORSION PHILLIPS SCREW BITS

- $\frac{1}{4}$ " hexagon shank
- 25mm long
- Longer torsion zone



125-0338 Ph2	£7.52
125-0340 Pz1	£7.52
125-0341 Pz2	£6.60
125-0351 Slotted 4.5x0.8mm	£9.40
125-0352 Slotted 5.5x0.8mm	£9.40
125-0346 Tx25	£8.47
125-0347 Tx30	£8.47
125-0348 Tx40	£8.47

TIN CVD SCREW BITS

- $\frac{1}{4}$ " Hexagon Shank; 25 mm long
- TiN CVD coating



125-0361 Tx10	£15.59
125-0362 Tx15	£15.59
125-0363 Tx20	£15.59
125-0355 Ph1	£13.59
125-0356 Ph2	£13.59
125-0359 Pz2	£13.59

TORX TAMPER SCREW BITS

- $\frac{1}{4}$ " hexagon shank
- 25mm long



125-0370 TX10	£12.10
125-0372 TX20	£12.10
125-0373 TX25	£12.10

IMPACT SCREW BITS

- $\frac{1}{4}$ " hexagon shank
- 25mm long



125-0376 PH1	£9.81
125-0378 PH3	£9.81
125-0379 PZ1	£9.81
125-0380 PZ2	£9.81
125-0381 PZ3	£9.81
125-0382 TX10	£11.33

MAGNETIC NUT SETTER

- $\frac{1}{4}$ " hexagon shank
- 50mm long



125-0400 5mm	£4.78
125-0401 6mm	£4.78
125-0402 7mm	£4.16
125-0403 8mm	£4.16
125-0404 9mm	£4.43
125-0405 10mm	£4.56
125-0406 11mm	£4.69
125-0407 12mm	£4.83
125-0408 13mm	£5.70
125-0409 17mm	£8.19
125-0410 $\frac{1}{4}$ "	£4.16
125-0412 $\frac{5}{16}$ "	£4.43
125-0413 $\frac{7}{16}$ "	£4.56

IMPACT MAGNETIC NUT SETTER

- $\frac{1}{4}$ " hexagon shank
- 50mm long



125-0414 6mm	£7.11
125-0415 7mm	£7.11
125-0416 8mm	£7.39
125-0417 10mm	£7.66
125-0420 13mm	£8.06
125-0421 $\frac{1}{4}$ "	£7.11
125-0423 $\frac{5}{16}$ "	£7.39

POWER TOOL CROSS HEAD BIT

- Long life bits with an extremely hard titanium nitride surface finish which absorbs torque peaks and prolongs bit life



449-9454	Phillips 90x1mm	£14.58
449-9460	Phillips 90x2mm	£9.38
449-9482	Pozidriv 90x1mm	£5.30
449-9498	Pozidriv 90x2mm	£5.30

INSULATED SCREWDRIVER & PLIER SETS

- 1000Vac and 1500Vdc voltage isolation
- VDE approved
- DuoTech ergonomic handle
- Tested according to DIN EN 60900: 2004
- For full set contents visit our website



125-3092	3 x slotted, 1 x Phillips	£20.73
125-3093	3 x slotted, 1 x Pozi	£20.73
125-3095	Diagonal cutter, long nose plier, combi plier	£48.91
125-3096	2 x slotted, 1 x Pozi, diagonal cutter & combi plier	£48.42
125-3094	Diagonal cutter, combi plier	£33.52

SCREWDRIVER SETS

- Precision hardened Chrome Vanadium-Molybdenum steel
- Improved handle ergonomics
- High force transfer with less power
- For full set contents visit our website



125-3102	4x slotted, 2x Pozi	£25.32
125-3101	4x slotted, 2 x Phillips	£25.32

7-PIECE NUT SPINNER SET

- Ergonomically designed handle, optimising balance between comfort and torque.
- Comfortable soft grip
- Contains: 4, 5, 5.5, 6, 7, 8, 10mm

**460-1758****£374.33****10 PIECE VDE INSULATED SCREWDRIVER SET**

- Insulated 1000V VDE screwdrivers with TPR grip and polypropylene injected shafts and handles
- Heat treated to HRC. 55 - 59
- Contains flat, Pozi and Phillips tips
- Supplied complete with zip case

**253-015****£21.85****VDE INSULATED SCREWDRIVER SET**

- Blades constructed from Chrome-Molybdenum Steel
- Phosphate black finish
- Soft grip handle
- Supplied in a wallet



668-5862	6-piece Phillips & slotted tip	£25.63
875-5812	7-piece Phillips & slotted tip	£21.21
875-5821	7-piece Pozidriv & slotted tip	£20.99

6-PIECE ELECTRONICS SCREWDRIVER SETS

- Range of sets that are ideal for delicate precision engineering and electronics applications



125-3107	Pozislotted	£19.39
125-3106	Phillips/slotted	£19.39
125-3108	Torx	£19.51

9-PIECE SOFT FEEL TORX DRIVER SET

- Set consists of T6 to T30
- Zinc blasted and lacquer finished, hardened steel
- Supplied in a zipped wallet



499-2408		£52.32
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INSULATED SCREWDRIVERS

- For live working up to 1000Vac or 1500Vdc
- Chrome Vanadium Molybdenum steel blade with phosphate finish
- Individually tested as per DIN EN 60900: 2004 norm



125-3078	2.5x75mm	£4.00
125-3079	3x100mm	£4.16
125-3080	3.5x100mm	£4.33
125-3081	4x100mm	£5.14
125-3082	5.5x125mm	£5.86
125-3083	6.5x150mm	£6.32
125-3084	Ph1x80mm	£4.85
125-3085	Ph2x100mm	£5.95
125-3086	Pz1x80mm	£4.85
125-3087	Pz2x100mm	£5.95
125-3088	M0D1x80mm	£5.84
125-3089	M0D2x80mm	£7.32

SCREWDRIVERS & SCREW EXTRACTORS



SLOTTED SCREW GRIPPING SCREWDRIVERS

- Blades have a sliding sleeve operated by a plastic collar (just below the handle) which, when pushed down, causes the blade tip to split apart and firmly wedge against the sides of the screw slot.
- Blade thickness is defined in the released condition



547-953	3in 0.02in tip	£14.59
547-975	6in 0.03in tip	£15.24
547-969	8in 0.02in tip	£14.15
547-981	8in 0.037in tip	£17.74

SOFT FEEL HANDLE NUT SPINNERS

- Ergonomically designed comfort grip handles
- Hardened steel heads



499-2357	10mm	£7.61
499-2341	5.5mm	£6.83
499-2391	4mm	£5.80
499-2335	8mm	£7.43
499-2379	5mm	£5.99
499-2385	6mm	£6.30
499-2329	7mm	£7.17

STANDARD HANDLE NUT SPINNERS

- Solid, red plastic (cellulose acetate), fluted design handle offers a comfortable and safe grip and it is securely fitted to the shaft



460-1685	5mm	£5.41
460-1720	7mm	£5.93
460-1736	8mm	£6.15
460-1742	10mm	£6.15
460-1691	5.5mm	£5.46
460-1708	6mm	£6.01

TAMPERPROOF DRIVERS

- The drivers have a hardened steel head, forged shaft and Cellulose Acetate fluted handles.
- High-quality materials ensure long life and safe operation even at the high torque



SECURITY SCREWDRIVER SETS

- High quality supplied complete in a robust plastic storage box



MULTI-BIT SCREWDRIVERS

- Quick bit changes
- Strong durable Steel construction for long tool life
- Comfortable handle for extended use



573-384	4in1 set with interchangeable bits	£12.05
241-7769	2in1 Stubby screwdriver	£3.43

INSULATED STANDARD SCREWDRIVER

- Each tool is injection moulded
- Nylon 11 insulation
- Ergonomic grip offers you comfort and control
- IEC 60900:2004 specification



911-1118	100x6.5x12mm	£14.88
911-1115	125x6.5x12mm	£11.23
911-1102	150x5x1mm	£7.35
911-1106	200x5x1mm	£9.29
911-1099	75x4x0.8mm	£6.53
911-1109	75x5x1mm	£6.76
911-1095	Terminal 100mm	£4.89
911-1092	Terminal 75mm	£4.76
911-1128	Parallel Blades 10"	£19.94
911-1112	Parallel Blades 4"	£10.88
911-1121	Parallel Blades 6"	£11.49
911-1124	Parallel Blades 8"	£17.82
911-1143	Poz 100x6xNo2	£10.06
911-1146	Poz 150x8xNo3	£12.42
911-1134	Poz 200x5xNo1	£9.01
911-1140	Poz 235x6xNo2	£18.05
911-1137	Poz 75x3xNo.0	£5.42
911-1130	Poz 75x5xNo1	£8.00

INSULATED NUT SPINNERS

- 150mm stud clearance
- Each tool is injection moulded
- Nylon 11 insulation
- IEC 60900:2004 specification



911-1503	0BA	£22.29
911-1506	1BA	£19.88
911-1500	2BA	£19.88
911-1519	3BA	£19.88
911-1512	4BA	£19.88
911-1516	7mm	£19.88
911-1525	8mm	£19.88
911-1528	10mm	£19.88

CLASSIC SCREWDRIVERS

- Hardened chrome-vanadium steel shaft
- Fitted with solid red, cellulose acetate, fluted handles



450-3575	100x3mm	£8.35
736-131	300x8mm	£7.96
459-4206	No.2x250mm	£4.90
662-608	Tx20	£3.22

ESD PRECISION PHILLIPS SCREWDRIVERS

- ESD safe handle with 10 Ω - 10 10 Ohm resistance
- Rotating cap



864-0817	Ph0x50mm	£1.82
864-0811	Ph1x50mm	£1.82

ESD PRECISION HEX SCREWDRIVERS

- ESD safe handle with 10 Ω - 10 10 Ohm resistance
- Rotating cap



864-0842	0.9x50mm	£1.82
864-0845	1.3x50mm	£1.82
864-0849	2.0x50mm	£1.82
864-0858	3.0x50mm	£1.82

PRE-SETTABLE TORQUE DRIVERS

- $\frac{1}{4}$ " hexagon drive
- Bi-directional mechanism signals when torque has been achieved
- Use adaptor stock no. 769-002 and analyser 252-185 respectively to pre-set the driver

**ESD PRECISION SLOTTED SCREWDRIVERS**

- ESD safe handle with 10 Ω - 10 10 Ohm resistance
- Rotating cap



864-0820	1.0x50mm	£1.82
864-0823	1.5x50mm	£1.82
864-0827	2.0x50mm	£1.82
864-0836	3.0x50mm	£1.82

QUICKSET MIN TORQUE DRIVERS

- Delivers the correct torque with confidence regardless of task and operator skill level
- Fast and easy to set, using the quick and clear to read 'micrometer' setting scale.
- Bi-directional mechanism signals when set torque has been achieved
- $\frac{1}{4}$ " drive



469-6504	1-13.6Nm	£97.63
469-6497	0.005-0.22Nm	£89.63
603-592	Minor torque driver	£73.16
603-609	Standard torque driver	£77.00

PRECISION DRIVER SETS

- Blades made from high grade Chrome Vanadium steel
- Rotating cap allows operator to drive easily and adjust precisely
- Tri-lobe shape of handle provides comfortable grip during rotation
- Contains 4 x slotted and 3 x Phillips drivers

ESD PRECISION TORX DRIVERS

- ESD safe handle with 10 Ω - 10 10 Ohm resistance
- Rotating cap



864-0851	T6x50mm	£1.82
864-0855	T7x50mm	£1.82
864-0864	T8x50mm	£1.82
864-0867	T9x50mm	£1.82
864-0839	T10x50mm	£1.82
864-0833	T15x50mm	£1.82
469-6475		£160.96
		243-513
		£23.10

**ERGO QUICKSET DRIVERS**

- $\frac{1}{4}$ " hexagon spindle to suit screwdriver bits
- Micrometer adjustment for easy, accurate setting
- 20-120Ncm
- Accuracy $\pm 6\%$ of reading



HAMMER, PUNCHES & CHISELS

BALL PEIN HAMMERS

- Carbon steel hammer with shock absorbing fibreglass handle



125-0943 16oz	£5.47
125-0944 24oz	£7.00
125-0945 32oz	£7.77

CENTRE PUNCHES - DIN 7250

- Polished pin
- Octagonal grip shank, painted gold



473-0698 100x8	£2.77
473-0705 120x10	£1.37
473-0711 150x14	£4.57

INDUSTRIAL HAMMERS

- Various hammers with a range of handles to suit multiple applications.



125-0936 600g Carpenters	£5.95
125-0940 1kg Machinist	£7.51
125-0937 300g Machinist	£5.15
125-0938 500g Machinist	£5.78
125-0939 800g Machinist	£6.73

BALL PEIN HAMMER

- Engineers ball pein hammers to BS 876 pattern
- Fitted with black powder coated heads with polished faces
- Polished ash and Hickory handles



251-520 110g	£6.97
251-564 227g	£8.57
251-514 340g	£11.49
251-558 454g	£8.04
251-570 910g	£11.75

AUTOMATIC CENTRE PUNCHES

- Self-striking precision centre punches with freely adjustable impact force
- Free-cutting steel with nickel-plated surface
- Interchangeable hardened tip



CHISELS - INDIVIDUAL

- Silver-coloured chisel blades
- Octagonal grip shank, painted gold



CARBIDE POINT AUTOMATIC CENTRE PUNCH

- A hand operated automatic centre punch with a carbide point which gives this tool exceptional wear resistance
- Ideally suited to scribing or dot punching on soft, ductile materials mild steel or abrasive aluminium alloy materials, where standard HSS tooling would quickly dull
- 3mm 20°

RUBBER MALLETS

- Various sizes and a range of handles to suit multiple applications



251-542 1.1kg wood handle	£11.00
251-508 1.8kg wood handle	£13.04
790-4710 1.1kg steel handle	£47.34
790-4729 1.8kg steel handle	£49.39

COPPER & HIDE HAMMER

- Malleable iron head fitted with one face of pure copper and the other of highly compressed Buffalo rawhide, and an oval ash handle
- The copper face gives a safe but high-impact blow, the rawhide face a firm yet more resilient blow that will not mark finished work
- Suitable for use as a dual purpose hammer in manufacturing, service and assembly industries



467-6639 Electricians	£2.73
467-6588 Jointing	£9.00
473-0660 Masonry	£10.51

LETTER & NUMBER PUNCHES

- Hand punches for permanent identification marking
- Hardened and tempered to give long life and maximum security
- Capable of indenting material up to 40 Rockwell C hardness
- Supplied in sturdy plastic boxes



251-738	3mm engraving set A - Z, &	£25.89
251-801	4mm engraving set A - Z, &	£26.83
251-687	5mm engraving set A - Z, &	£27.85
251-788	6mm engraving set 0 - 9	£15.34
251-693	6mm engraving set A - Z, &	£36.56
251-794	8mm engraving set 0 - 9	£20.53
251-744	8mm engraving set A - Z, &	£53.48
875-4718	27-piece letter steel stamp 2.5mm	£22.46
875-4720	27-piece letter steel stamp 3.0mm	£26.10
875-4733	27-piece letter steel stamp 4.0mm	£28.37
875-4730	27-piece letter steel stamp 5.0mm	£27.57
875-4742	27-piece letter steel stamp 6.0mm	£32.90
875-4755	27-piece letter steel stamp 8.0mm	£39.72
875-4714	9-piece 2.5mm number punch, 0 - 8	£9.07
875-4727	9-piece 3.0mm number punch, 0 - 8	£9.65
875-4724	9-piece 4.0mm number punch, 0 - 8	£10.21
875-4736	9-piece 5.0mm number punch, 0 - 8	£10.79
875-4749	9-piece 6.0mm number punch, 0 - 8	£11.92
875-4746	9-piece 8.0mm number punch, 0 - 8	£15.89

DOT NUMBER & LETTER PUNCHES

- Numbers and letters in one 36-piece set
- Character and size marked on each stamp
- Hardness: HRC 58-60
- Hardened and tempered to give long life



875-4777	3.0mm	£28.37
875-4770	4.0mm	£34.05
875-4774	5.0mm	£39.72
875-4783	6.0mm	£45.39
875-4786	8.0mm	£51.06
875-4780	10.0mm	£69.44

REVOLVING PUNCH PLIERS

- For producing holes in gasket material or leather products
- 6 hole sizes on one tool (2.5, 3.0, 3.5, 4.0, 4.5, 5.0mm)
- Punch indexes and locks in position
- Manufactured from nickel coated steel with PVC covered handles
- Lock mechanism holds tool closed when not in use



445-8841		£7.95	381-4919		£24.23
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3-PIECE COMBINATION PUNCH SET

- Made of tool steel
- Black oxide finish for rust prevention
- Knurled body for better grip
- Points precision ground
- Supplied in fitted case

**8-PIECE PARALLEL PUNCH SETS**

- Come in a selection of diameters, making them ideal for your stamping needs
- Each pin punch is hardened, tempered and ground with a chemically blackened body for long life
- 1/16-7/32"



381-4903	4 inch	£29.09
875-4764	105mm	£19.86

LONG PUNCH SET

- A selection of punch diameters which are ideal for all your stamping needs
- Each pin punch is hardened, tempered and ground with a chemically blackened body to give the product a long life
- 3.2, 4.8, 6.3, 8, 9.5mm
- All supplied in a pouch bag to aid storage

**SPRING TENSION PIN PUNCH SETS**

- 6 punches for inserting and extracting spring tension pins
- Raised pilot end for locating into pins
- Suitable for spiral wrapped spring tension pins
- Made from tool steel with hardened tips
- Supplied in vinyl wallet

**6-PIECE PARALLEL PIN PUNCH SETS**

- High-quality rivet punches forged from chrome-vanadium air-hardened steel, in plastic stand
- Multi-coating of impact head virtually rules out chipping and swelling
- Polished cylinder shanks
- Tools are 150mm in length
- Octagonal, gold-painted grip shanks



456-3640	3, 4, 5, 6, 8, 10mm	£20.09
505-8688	2, 3, 4, 5, 6, 8mm	£20.30

SCRIBES

- Tungsten Carbide tipped scribes are intended for use on hard or abrasive materials which would rapidly blunt ordinary HSS scribes, e.g. stainless steel, anodised aluminium, ceramic, glass, etc.
- Single and double ended options



394-184	Double tipped	£10.58
394-190	Straight	£3.74
394-213	Retractable	£8.12
394-194	Retractable fine point	£37.75

DIN STANDARD CIRCLIP PLIERS

- Fitted with red PVC vinyl dipped covered handles
- External types incorporate return springs
- Black oxidised finish



541-6826	External straight 3-10mm	£11.12
541-6753	Internal straight 3-10mm	£11.12
541-6769	Internal straight 8-25mm	£9.82
541-6781	Internal bent 3-10mm	£11.01

ENGINEERS PLIERS

- Induction hardened with a natural finish to ensure a long, reliable working life
- Ergonomically designed bow handles with PVC grip provide maximum leverage and comfort



541-7093	Radio 140mm	£8.80
541-7071	Snipe nose 120mm	£9.16
541-7043	Snipe nose 160mm	£15.19
541-7065	Combi 125mm	£9.14
541-7087	Combi 160mm	£9.16
539-003	Combi 200mm	£10.09

INTERCHANGEABLE MULTI-POSITION CIRCLIP PLIERS

- Cushion-grip handles and spring loaded for faster comfortable operation



541-7267	External 6.4-25.4mm	£32.32
182-436	External/internal 6.4-48mm/6.4-25.4mm	£20.38

SNAP RING PLIERS

- Designed for removing and installing external snap rings
- Straight, 45° and 90° angle tips included



125-0930		£15.23
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COMBINATION PLIERS

- Dual-component non-slip handle with finger guard
- Made from drop-forged steel with bright natural finish



487-230	150mm	£12.01
487-236	180mm	£12.49
487-246	205mm	£14.41

INSULATED PLIERS

- Special tool steel and chrome finish
- DuoTech soft grip handles
- VDE Approved, ISO 5746, G10 Series



125-3065	160mm	£15.74
125-3066	180mm	£16.39
125-3067	200mm	£18.43
125-3072	160mm long nose	£15.54
125-3073	200mm long nose	£18.51
125-3074	200mm bent nose	£19.65
875-5767	140mm	£9.44
875-5761	160mm	£10.54
875-5770	180mm	£11.65
875-5773	200mm	£12.76



VDE INSULATED COMBINATION PLIERS

- CR-V steel body
- VDE Insulated for protection
- Gripped handles
- Suited for Radio and Telephone electronics



INSULATED COMBINATION PLIERS

- Each tool is injection moulded
- Nylon 11 insulation
- Ergonomic grip offers you comfort and control
- IEC 60900:2004 specification



911-1051	Bent nose 200mm	£35.50
911-1039	Combination 160mm	£26.12
911-1033	Combination 200mm	£33.45
911-1045	Linesman 245mm	£51.23
911-1049	Snipe nose 160mm	£26.12
911-1058	Snipe nose 200mm	£28.58

VDE INSULATED PLIERS

- VDE tested
- Strong and hard-wearing body
- Specially designed ergonomic handles
- Gives better access to those hard to reach areas



847-3712	Radio	£11.79
847-3800	Long nose	£9.07
847-3796	Flat nose	£9.17
847-3807	Flat nose bent	£9.17

MICRO-TEK ESD SHEARS

- Strong and robust
- Size and shape reflect the latest advances in enhanced ergonomics



847-2961	Kevlar fibre optic	£21.82
847-2967	Mini	£16.18
847-2955	Music wire	£16.59

ESD SIDE CUTTERS

- Suitable for SMD and leads
- Facilitates optimum access
- Spring action



864-0772 4.5"	£6.81
864-0785 5"	£7.38
864-0798 5" plus safety clip	£7.49
864-0805 5" heavy	£8.16

COMPOUND LEVER ACTION CUTTER

- Double joint spring return construction
- Manufactured from high grade Japanese steel
- Precision ground and hardened cutting edges
- Overall length 160mm



208-1988		£37.92
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DIAGONAL CUTTERS

- Special tool steel; Chrome finish
- DuoTech soft grip handles
- VDE Approved
- ISO 5749, G12 Series



125-3068 140 mm	£16.87
125-3069 160 mm	£17.46
125-3070 180 mm	£19.00

VDE STANDARD PLIERS & CUTTERS

- Constructed from high grade steel with mirror polish and slip guard
- Two component handle for ease of use
- VDE tested and conforms to IEC 900 1000V



497-007 Diagonal cutter	£23.66
496-987 Water pump pliers	£21.84
496-997 Combination pliers	£18.93

DIAGONAL CUTTERS

- Duo Tech soft grip handles
- Polished finish (Electrofilmmed)
- DIN/ISO 5749, TS 11071



875-5792 140mm	£11.10
875-5795 160mm	£13.05
875-5799 180mm	£15.22
875-5806 Power 180mm	£18.48

STAINLESS STEEL PLIERS

- 25mm long stainless steel jaws
- Fitted with moulded plastic grip with lightweight return spring
- Overall length 130mm



536-357	Bent nose	£6.11
536-335	Half round	£6.11
536-341	Serrated flat	£3.52

ESD PLIERS

- ESD Protected for conducting away static electricity
- All pliers are of box joint design
- Manufactured from high grade steel
- Smooth non-serrated jaw



GENERAL PURPOSE ELECTRONIC PLIERS

- Strong pressed steel frame
- Riveted lap joint
- Precision ground 3mm jaw
- Ribbed soft plastic grips and lightweight return spring
- Integral stop



606-535	Flat	£13.15
606-529	Needle nose	£18.42
606-541	Serrated jaw	£13.15

DIN STANDARD PLIERS

- Soft grip dual component handles for ease of use
- Box joint construction
- Manufactured from high grade steel
- Ergonomically designed sleeves for comfort and effortless use



161-035	Flat nose	£16.11
161-142	Round nose	£16.15
161-136	Snipe nose	£16.13

418-6243	Alloy steel 7 inch	£16.84
418-6265	Alloy steel 10 inch	£19.36
847-3746	Chrome Molybdenum steel 7 inch	£9.29
847-3743	Chrome Molybdenum steel 10 inch	£10.38
847-3740	Chrome Vanadium steel 7 inch	£7.11
847-3759	Chrome Vanadium steel 10 inch	£8.82

GENERAL PURPOSE ESD PLIERS

- Pressed steel frames
- Riveted lap joints
- Precision ground 3mm steel jaws
- Ribbed soft plastic grips and lightweight return spring
- Integral stop prevents handles opening too far



245-0536	Needle nose	£15.02
245-0558	Serrated jaw	£14.12

HEAVY DUTY PLIERS

- A range of low-cost general purpose, heavy-duty pliers
- Moulded grip includes finger guard



732-808	150mm	£8.28
732-814	200mm	£9.12

ELECTRICIANS SNIPE NOSE PLIERS

- Ergonomic, comfortable grip
- Meet standard cutting and load test
- Serrated jaw



487-145	127mm	£11.80
487-090	160mm	£13.34

LONG NOSE PLIERS

- VDE Tested
- Strong and Hardwearing body
- Specially designed ergonomic handles



847-3756	Radio 140mm	£7.86
847-3718	Radio 160mm	£18.36
847-3724	Radio 200mm	£15.32
847-3752	Snipe nose 120mm	£6.52
847-3737	Snipe nose 130mm	£7.22

LONG NOSE PLIERS

- The Unigrip ergonomic handles, make these pliers suitable for cutting soft and hard wire.

**CR-V SNIPE NOSE PLIERS**

- Made from chrome vanadium steel
- Ergonomic handles, make an excellent choice for electricians, designers etc.

**HIGH CARBON STEEL LONG NOSE PLIERS**

- Ideal for electricians or tradesmen that need to grip and cut wires, bend loops or grip small objects



847-3803	Bent nose 200mm	£9.17
847-3793	Long nose	£9.17

PARALLEL ACTION PLIERS

- Jaw opening 14mm
- Serrated jaws also have an integral side cutter allowing high tensile wire to be cut with low handle loads
- Wire cutting capacity, 2mm diameter copper wire, tensile strength up to 2x109N/m(2)
- BS 3087:1959

**10-PIECE FLEX HEAD RATCHET COMBINATION SPANNERS**

- Small recovery angle of 5°
- Ideal for work on site thanks to its hinged pocket case
- Contains: 8, 10, 11, 12, 13, 14, 16, 17, 18, 19mm



675-8966		£170.34
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3 PIECE LOCKING PLIERS SET

- Ideal for tightening, clamping, twisting and turning
- Ideal for precision work and hobbies
- Hardened teeth are designed to grip from any angle
- Classic trigger release
- Nickel plated



847-3768	Chrome Vanadium steel	£20.75
847-3762	Chrome Molybdenum steel	£27.31

TOOL SET INSERTS

- Various ranges of quality assured tool sets for addition to tool cabinets
- For full details of each set visit our website



833-5931	VDER plier set	£46.70
833-5966	Crimp and stripping set	£53.21
833-5953	File set	£36.31
833-5941	VDE screwdriver set	£25.94
833-5919	Plier & screwdriver set	£39.42
833-5913	Hex key set	£36.31
833-5925	Ratcheting combination wrench set	£100.20
833-5922	Combination wrench set	£55.67
833-5929	Circlip plier set	£57.06
833-5938	Plier & adjustable wrench set	£42.31
833-5972	Plier set	£31.12
833-5969	Hand riveting set	£22.17
833-5944	Measuring & cutting tool set	£36.33
833-5947	Screwdriver & bit set	£41.49
833-5957	1/4" Torx/Hex/XZN socket bit set	£93.36
833-5950	1/2" socket set	£72.62
833-5935	1/4" socket & hex key set	£67.43

PLIER SETS

- 3-piece sets designed for professionals manufactured from drop forged steel to ensure long life and safe service
- Induction hardened jaws
- Ergonomic handles
- 180mm combination plier, 160mm side cutters, 200mm snipe nose plier.



623-6407

£27.69

BOX JOINT PLIERS

- Hardened and tempered throughout for strength and durability
- Narrow/slim heads are ideal for use in confined spaces
- Serrated jaws give positive grip on round, square, triangular, flat and irregular surfaces
- PVC Handle Grip Material
- DIN 5231 D



SOFT JAW UTILITY PLIERS

- Adjustment is easy because of a sprung adjuster mechanism, which also prevents the adjusted pliers slipping to another position
- Nylon replaceable jaws are available separately as a set of two on 734-012



ELECTRONIC ROUND NOSE PLIERS

- Manufactured from high carbon steel, with smooth, tapered, round jaws



847-3730 Round nose 130mm

£8.48

847-3790 Round nose 140mm

£8.61

847-3816 End nipper

£9.56

847-3784 Side cutters

£10.79

847-3780 Side cutters slim

£10.11

UTILITY PLIERS

- Right angle teeth grip in all directions
- Undercut tongue and groove positioning channel with 3 to 12 different adjustment dependant on size to prevent slipping
- Reinforced edge to minimise stress breakage
- Uses high carbon C1080 steel for superior performance
- Specially coated for ultimate rust prevention



WATER PUMP PLIERS

- Pliers made from chrome-vanadium steel
- Powerful and robust multiple slip-joint pliers
- Self-locking pliers with anti-slip action
- Narrow jaw profile
- Non-slip grips and hardened jaws.



INSULATED WATER PUMP PLIERS

- Ideal for live working up to 1000Vac or 1500Vdc
- 9 position adjustment
- Chrome Vanadium steel
- Phosphate finish
- Soft-grip handles



125-3076 250mm - Multigrip Slip Joint

£17.83

911-1061 330mm - Groove Joint

£53.69

125-3103 250mm - Box Joint

£13.91

911-1070 440mm - Groove Joint

£101.20

911-1067 320mm - Groove Joint

£39.52

216-6039 400mm

£36.53

325-6228 500mm

£65.78

668-5938 250mm

£13.46

668-5900 250mm DRV handle

£11.16

847-3771 VDE waterpump plier box joint 240mm

£16.71

HACKSAW BLADES

- Suitable for maintenance and engineering applications
- Hacksaws made from high grade Sheffield steel
- High Carbon version designed for less vigorous use



185-3669	18 tpi	£3.02
185-3675	24 tpi	£3.02
185-3681	32 tpi	£3.02
185-3710	32 tpi high Carbon Steel	£2.06

RODSAW BLADES

- Tungsten carbide coated blades, for sawing profiles in tile, bricks, concrete, glass etc.



541-7239	150mm	£5.03
541-7245	300mm	£7.69

INSULATED HACKSAWS

- Insulated handles protecting the user from up to 1000V
- Nylon 11 insulation offers maximum protection and longer life



911-1152	6" Blade	£15.17
911-1159	12" Blade	£58.85

HIGH TENSION HACKSAWS

- Heavy duty die-cast grip
- Large section steel back for stability
- On tool blade storage
- Tensioning screw allows positive tensioning of the blade to improve blade life & resulting in straighter cutting action
- Suitable for all 300mm hacksaw and tension saw blades



734-393	150mm frame	£6.59
449-9577	300mm frame	£12.74
789-4593	Twinpack, 12in & 6in	£16.68
537-603	300mm blade	£11.82

GENERAL PURPOSE BENCH VICES

- Bench mounting vice with replaceable hardened steel jaws
- Hammered enamel finish
- Weight: 5.8kg (4"), 21.6kg (6")



554-425	4"	£36.68
554-409	6"	£69.46
554-415	4" swivel	£40.06
554-419	6" swivel	£76.42

DROP FORGED BENCH VICE

- Induction & surface hardened for long tool life
- Double acme thread screw for faster adjustment
- Ground, machined jaws



771-9284	75x125x160mm 9.3kg	£171.14
771-9281	82x120x150mm 9.5kg	£165.45
771-9275	87x140x200mm 16kg	£228.22
771-9290	98x140x200mm 16.5kg	£211.10
771-9297	100x160x190mm 17kg	£171.14
771-9287	100x150x190mm 18.5kg	£216.80

CLAMPS & VICES

FINE MECHANICS VICE WITH CLAMP

- Professional swivel vice for use with mechanical and electronic items that benefits from a drop forged construction for critical holding
- 50 and 75mm jaw capacities
- 360° swivel base to give an optimal working angle
- High grade hardened and tempered jaws
- Die forged rear jaws with a small anvil
- Capable of power work



829-6149 50mm	£45.65
829-6158 75mm	£57.07

UNIVERSAL WORK HOLDERS

- 8 moveable steel pins to securely hold even the most unusual shaped object
- Multi-purpose, used for painting, filling, engraving, sawing and wire bending



849-6238	£23.09
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HEAVY DUTY G CLAMP

- Cast iron frame construction for excellent strength
- Strong clamping spindle for firm grip
- Long spindle bar for quick tightening



771-9341 50mm	£22.78
771-9348 300mm	£45.60

PARALLEL VICE

- Professional parallel vice that benefits from a drop forged construction and guarantees precision holding via it's adjustable jaw alignment system
- 12mm jaw capacity
- Jaws and anvil induction hardened to HRC 52-58



829-6195	£284.19
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NEOPRENE PADS WITH ADJUSTABLE SPINDLE

- The rubber is bonded directly onto the spindle
- Supplied in packs of 5



261-404 5mm	£7.40
261-410 6mm	£8.55
261-426 8mm	£9.69

FORGED C CLAMP

- 50 and 100mm jaw capacities



829-6151 50mm	£21.64
829-6155 100mm	£26.20

DRILL VICE PRESS

- Features a large workload capacity and is perfect for the most difficult drilling operations like tapping and reaming
- Cast iron frame and movable parts
- Hardened alloy steel jaw



829-6133 80mm	£62.78
829-6142 100mm	£78.75
771-9307 125mm	£102.66
771-9300 150mm	£125.49
829-6145 100mm swivel	£142.67

SWIVEL FOOT COVERS

- Protects polished or fragile surfaces while being clamped
- Neoprene foot covers supplied in packs of 5



261-448 8mm	£4.34
261-432 12mm	£2.85

QUICK CLAMP

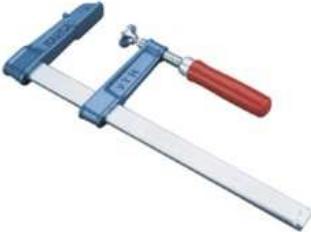
- Quick release handle
- Drop forged steel
- Easy operation



829-6164 160mm	£25.11
829-6167 250mm	£27.39
829-6161 500mm	£36.53
829-6170 800mm	£45.65

SLIDING CLAMP

- Quick release handle
- Drop forged steel
- Easy operation



829-6186 100mm	£11.42
829-6189 150mm	£15.42
829-6173 200mm	£20.54
829-6177 250mm	£25.11

MAGNETIC VEE BLOCKS

- Upper Vee capacity 60mm
- Lower Vee capacity 12mm

**LONG ARM BEARING PULLER**

- Manufactured from alloy steel, drop forged and hardened
- Designed for the easy removal of bearings, pulleys, sprockets etc.
- Max size of bearing/pulley etc. 50mm
- Jaw length 300mm, maximum throat depth 220mm
- Comes with short and long centre points
- Fine thread for ease of use

**TOOLMAKERS CLAMPS**

- Case hardened steel clamp
- Knurled screws for ease of tightening
- Tapered jaws



549-268 38mm jaw 75mm length	£13.75	349-7255 10 Ton Puller Set	£110.65
549-274 63mm jaw 100mm length	£14.81	349-7249 8 Piece 10Ton Puller Set	£72.20

HYDRAULIC PULLER SET

- Heavy duty master set of gear pullers and bearing splitters.
- 8 Ton maximum hydraulic ram and forged puller arms and bearing splitter
- Replacement of gears, bearings, and other power transmission components
- Supplied complete with carrying case



349-7261 25 Piece	£138.31
349-7227 2/3 Jaw	£80.07

3-JAW PULLER

- Chrome vanadium 3-jaw puller available in 100, 150 and 200mm capacities



349-7299 100mm	£14.67
349-7306 150mm	£25.00
349-7312 200mm	£22.16

4-PIECE MECHANICAL PRY BAR SET

- Manufactured from chrome vanadium steel hardened, tempered & finished with an electro plated phosphate black coating for long life
- Long tapered ends assist alignment tasks



FORGED STEEL BOLT CUTTERS

- Hardened jaw, bolts & joints
- Heat treated jaws (HRC 54-58)
- Constructed from hardened alloy steel
- Lever handles
- Ergonomic plastic grip



771-9240	400mm	£78.75
771-9237	660mm	£124.40
771-9231	830mm	£142.67

ROTARY CUTTER

- Cuts paper, cloth, felt, leather, vinyl and many other multi-layered materials
- Razor sharp blade
- Left or right handed use
- Standard sized hub for most 45mm blades
- Retractable cutting blade for safety and easy storage
- Spare blades available separately



489-2320	Rotary cutter, retractable blade	£14.29
509-9831	Blades (pack of 3)	£10.72

TRADESMAN™ KNIVES

- Manufactured from stainless steel with blades hardened to 53-56 Rockwell 'C'
- Virtually unbreakable Zytel® glass-reinforced nylon sure-grip handles for added safety even in wet or dirty conditions
- Ideal for heavy duty cutting, wire stripping, screw driving and sawing



232-2087	TM3 Electricians knife	£17.65
232-2116	TM6 HD blade saw knife	£25.91

MULTI-FUNCTION HAND TOOL

- Ergonomic rubberised design built with user comfort in mind
- Steel hammer function complete with nail starter and puller
- Straight, 90 and 180 ratchet driver for tightening and loosening nuts and bolts
- Ratchet driver will drive bits and with the included adaptor with ratchet sockets



PIPE CUTTER

- Die cast body with hardened steel cutting wheel suitable for pipe diameters 6-50mm (1/4 to 2in.)
- Features a unique quick-release mechanism, which allows speedy access to clasp and release pipes
- Cutter also features a retractable integral pipe reamers, and is supplied complete with one spare cutter stored in the handles



206-3463 Quick Release Pipe Cutter, 6-50mm dia

£26.97

847-3825 Small Bore Pipe Cutter, 3-22mm dia

£5.62

667-3483 Quick Release Pipe Cutter, 6-50mm dia

£25.63

AIR CONDITIONING HOSE CUTTER

- Heat treated stainless steel durable blade
- Compact design is perfect for pocket size
- Comfortable grip zones for less user fatigue
- Will cut through most hoses of variable material up to 1/2in



828-0229		£12.72
828-0223		£7.60

STRIPPING / PUTTY KNIVES

- Made from special spring temper carbon steel
- Machine ground and polished to a sharp edge
- Hardwood handles



794-711 Stripping 5x1 1/2in

£8.81

794-727 Stripping 5x3in

£10.56

794-733 Filling 5x3in

£15.94

794-749 Putty 4 1/2in length

£8.91

794-755 Shoe 4in length

£3.56

AUTO PIPE CUTTER

- Zinc die casting construction
- Durable alloy steel blades
- 15 and 22 mm versions
- Fast and clean cuts



813-2704 15mm Automatic Pipe Cutter

£10.11

813-2708 22mm Automatic Pipe Cutter

£11.49

813-2710 Pipe Cutter Spare Blades

£4.89

813-2739 Tube Cutter Spare Blades

£4.89

813-2726 Tube Cutter 1/8" to 1 1/8"

£9.26

813-2742 1 5/8" PVC Cutter

£12.21

CRAFT KNIFE SETS

- Ideal for delicate precision work
- Sharp, easy to handle



381-4868 7-piece

£2.32

537-439 16-piece

£13.06

381-4874 48-piece

£34.77

PRECISION CRAFT KNIFE BLADES

- Light duty diagonal fine point blades.
- Pack of 100.



382-0138

£16.53

FIXED BLADE SCALPEL HANDLE

- Accepts standard fitting (BS2982) carbon steel blades (available separately)
- Size 3 for fine accurate work (RS 850-079)
- Size 6 lightweight with large gripping area enabling directional pressure with larger blades (RS 850-085)



CLAMP SCISSORS

- Manufactured from highly polished stainless steel
- Three-position ratchet action lock and straight jaws with fine inner serrations
- Versatile, precision surgical style



TRIMAWAY CRAFT KNIFE

- Carbon Steel blades
- Surgical and trimming styles



847-7613 Throwaway, pack of 50	£31.68
847-7625 Plastic scalpel knife	£7.54
847-7629 CraftTool blade 1	£6.33
847-7638 CraftTool blade 2	£6.65
847-7631 CraftTool blade 3	£6.78

CARBON STEEL SCALPEL BLADES

- Blade size marked directly onto scalpel for easy identification of the right blade
- Designed to fit into any standard scalpel handle for ease and convenience
- Manufactured from Carbon Steel for a strong reliable edge
- Sold in packs of 100



847-7584 No 10 non-sterile	£15.84
847-7593 No 10A non-sterile	£15.84
847-7596 No 11 non-sterile	£15.84
847-7607 No 15 non-sterile	£15.84
847-7616 No 15A non-sterile	£15.84
847-7590 No 21 non-sterile	£15.84
847-7600 No 25 non-sterile	£15.84
847-7619 No 25A non-sterile	£15.84
847-7603 No 26 non-sterile	£15.84

RETRACTABLE TRIMMING KNIFE AND BLADES

- Handle can also be used with the SM01B, SM02, SM03, SM03B and SM04 blades
- Blades are heavy duty carbon steel surgical style
- Blades are individually wrapped in VPI paper



847-7647 Plastic handle	£36.61
847-7641 SM 01 blade	£7.40
847-7666 SM 01B blade	£7.97
847-7650 SM 02 blade	£7.76
847-7653 SM 03 blade	£7.76
847-7669 SM 03B blade	£7.97
847-7657 SM 04 blade	£12.15

RETRACTABLE BLADE SCALPEL

- Virtually unbreakable, lightweight scalpel handle
- Suitable blades 10, 10A and 11
- Supplied with one No.10A blade



232-9123	£3.04
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GENERAL PURPOSE SCISSORS

- ABS shatter-resistant handles
- Stainless blades



509-9948 8 inch	£11.86
509-9960 6 inch	£8.81

KEVLAR SHEARS

- Constructed from high Carbon Steel for strength and a clean cut
- Thermoplastic offset rubber handle for optimum comfort, balance and control
- Strong, hardened pivot



835-2700 8" Kevlar Shears	£31.83
835-2719 6 1/4" Fibre Optic Kevlar Cutter	£17.36

HEAVY DUTY SCRAPER DEBURRER

- Supplied with a 7 x 120mm triangular blade; ground at both ends for prolonged life
- Wear resistant 'Acetal' handle has a quick change blade collet
- Blade suitable for use on most ferrous and non-ferrous metals and can be easily positioned and locked into the handle at any required length



244-6745 Deburrer	£20.45
244-6751 Replacement blades	£16.21

MULTI-PURPOSE SHEARS

- Cold forged Stainless Steel blade for excellent strength and corrosion protection
- Safety lock to avoid unintentional jaw opening
- Soft comfortable Thermoplastic rubber handle



829-6495 5 3/4" mini	£6.38
829-6502 7 1/4" angled	£8.69
829-6486 7 1/4"	£8.69
829-6492 8" heavy duty angled	£13.31
829-6482 8" heavy duty	£12.74

STRAIGHT & CRANKED TIN SNIPS

- Industrial quality tin snips for the cutting of sheet metal
- Straight general purpose snips fitted with spring divided handles
- Right-hand cranked shears for working anticlockwise



575-611 Right hand cut 11in	£45.96
575-627 Right hand cut 14in	£59.26
847-3813 Straight cut 7in	£6.75
575-582 Straight cut 10in	£24.11
575-598 Straight cut 12in	£26.95

SOFT-FEEL SCRAPER SET

- Ergonomically designed soft-feel handle for optimum grip and comfortable use
- For removing of high spots on machined surfaces and to give a smoother surface on slide-ways, bearings, cast iron surface plates, precision marking out plates, etc.
- Set contains: Three-square blade 140mm long, flat blade and curved half round blade 150mm long and curved half round blade, 200mm long



405-5026 4-piece set	£56.34
349-7328 Razor blade scraper	£3.94
484-6181 Razor blades pack of 100	£6.28
349-7356 Razor plastic blades pack of 100	£4.26
508-3482 Seal scraper	£8.91

RAZOR EDGE SCISSORS

- Razor sharp scissors for smooth effortless cutting through multiple layered materials
- Hardened stainless steel blades
- Bevelled and precision ground for long lasting sharpness
- Ideal for industrial/ office use, wet processing and other high moisture areas
- Fitted with ABS handles



487-107 9 3/4" heavy duty	£11.44
487-139 Utility	£14.84

LIGHTWEIGHT SHEAR

- General purpose shears for cutting small wires, metal shim, plastic, card, paper and fabrics
- Stainless steel blades; one serrated for efficient scissor action
- Comfortable grip moulded handles with safety catch
- Overall length 190mm



450-3474	£10.66
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SCRAPER/REMOVER SET

- Steel blades with black polyethylene handles
- contains: multi purpose scraper, scratch awl, cotter pin puller, radiator hose remover



241-7731	£22.61
539-485	£23.48

JEWELLERS TIN SNIPS

- Highly polished and hardened blades which have been designed for easy sharpening and durability, ideal for cutting light gauge sheet metal
- Enamelled handles with safety stop



STANDARD UTILITY KNIFE BLADES

- Heavy duty knife blades for trimming knife
- Available in packs of 5 and 10



613-460 5 x concave	£1.34
546-758 5 x heavy duty	£1.39
613-454 5 x hooked	£1.71
813-2760 10 x utility	£2.12
541-6646 10 x trapezoid	£2.62

STRAP/SHEET CUTTING KNIFE & BLADES

- Designed for cutting thick plastic sheeting, leather, box strapping, belting materials
- Head design prevents personal injury



541-6630	Strap cutting knife	£12.26
541-6624	Blade segment (pack of 10)	£10.55

TRIMMING & SAFETY KNIVES

- Heavy duty retractable



789-4596	Lock back knife	£10.34
789-4607	Safety knife	£6.20
789-4619	Retractable quick change knife	£11.38
789-4616	Retractable utility knife	£5.48

BURR SET

- Unique cut style for machining stainless steel and cast steel materials
- Reduced heat build-up at the cutting edge and work piece
- CNC machined ensuring high consistent quality
- Aggressive cutting form producing large chips
- Manufactured to strict quality control standards



123-5673	10-piece 1/8 head	£84.00
123-5672	5-piece 6mm shank	£84.00
123-5674	8-piece 1/4 head	£116.00

DIAMOND CUT CARBIDE BURRS

- Tungsten carbide head
- Capable of being used at high speeds & at high temperatures
- Skip flute design



860-9122	Ball nosed cylinder 3x13	£8.26
860-9125	Ball nosed cylinder 6x19	£11.59
860-9138	Ball nosed cylinder 10x19	£16.51
860-9135	Ball nosed cylinder 12x25	£23.81
860-9175	Ball nosed cone 12x30	£22.88
860-9188	Cone 10x16 6x65	£16.05
860-9100	Cylinder 6x19 6x50	£12.37
860-9103	Cylinder 10x19 6x65	£15.48
860-9116	Cylinder 12x19 6x65	£18.63
860-9113	Cylinder with end cut 12x25	£25.88
860-9166	Tree 10x19	£19.41
860-9157	Tree 6x16	£15.73

6-PIECE DIAMOND NEEDLE FILE SET

- Very high quality industrial standard needle files coated with diamond grit enabling them to file materials such as tungsten carbide, ceramics, carbon, glass, hardened steels etc.
- File length is 160mm
- Contents: round profile, half round profile, 3 square profile, square profile, flat/warding profile and hand profile



732-145		£70.43
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SWISS PATTERN NEEDLE FILE SET

- Comes supplied with flat/warding (barettel), knife, round, half flat, hand & square files
- Handle also supports Noga scraper blades
- Wide range of file types to ensure that your application is covered



521-908		£10.56
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NEEDLE FILES

- High quality precision needle files for the fine abrasion, profile cutting and finishing of many common workshop materials
- Each file has a different cross-section as shown and except for the 'hand' and 'warding' which are squared off, all taper to a fine point
- Overall length 160 mm, cutting face 28 teeth per cm (cut no. 1)
- Round file has a diameter of 6.35 mm (0.25 in)



541-6911	Hand	£12.67
541-6955	Round	£12.04
541-6949	Three Square	£11.35

THREAD RESTORING FILE

- Restore external threads by filing
- Files both left hand and right hand threads
- Long lasting
- Fast cutting teeth
- Metric and Imperial available



542-3391	Metric	£20.25
542-3408	UNFUNC	£20.25

DIE NUT SET

- Carbon steel die nuts to DIN standard
- Supplied in a wooden box



300-7515	5 piece metric M5-M12	£104.65
300-7537	5 piece UNC 1/16-1/2in	£109.83
300-7521	5 piece UNF 1/16-1/2in	£109.83
506-4318	7 piece metric M3-M12	£97.13

THREADING TOOLS



HSS DIE NUTS

- Manufactured to BS1127: 1950 standard
- Ideal for use in areas where access is limited



424-239	M4 0.7mm	£12.24
424-235	M5 0.8mm	£9.92
424-229	M6 1.0mm	£13.76
424-223	M8 1.25mm	£16.46
424-213	M10 1.5mm	£18.65
424-217	M12 1.75mm	£35.60

METRIC DIE SET

- High quality high speed steel ISO dies
- Set contents: M3, M4, M5, M6, M8, M10, M12 dies and die-cast die holder



668-0775		£55.89
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POWER THREADING KIT

- Lightweight portable electric pipe threading kit
- For $\frac{1}{2}''$ to $2''$ pipes with right hand BSP threads
- Kit contains: blocking vice, reducer, threading machine



792-002		£994.00
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DIE STOCK

- Chemically blackened finish
- Chromed handles



METRIC DIES LEFT HAND THREAD

- High quality, High Speed Steel dies
- Metric coarse thread
- Polypropylene storage case



668-0753	M4x0.7mm	£12.29
668-0766	M12x1.75mm	£25.59
668-0750	M6x1.0mm	£12.97
668-0769	M8x1.25mm	£22.36

DIN/UNF/UNC DIES

- Professional range of HSS dies to DIN specifications, available in a wide range of sizes



668-0716	M3x0.5mm	£10.09
668-0734	M10x1.5mm	£11.55
668-0725	M4x0.7mm	£11.55
668-0728	M5x0.8mm	£11.44
668-0722	M6x1.0mm	£11.55
668-0731	M8x1.25mm	£11.44

HSS M2 GRADE DIES

- Precision engineered, split form dies made to BS1127:1924 for machine or manual operation



215-653	M2x0.4mm	£7.95
215-669	M2.5x0.45mm	£7.95
215-647	M5x0.8mm	£9.75
215-596	M6x1.0mm	£11.30
215-811	M8x1.0mm	£8.84
215-603	M8x1.25mm	£11.92
215-710	M10x1.0mm	£8.84
215-726	M10x1.25mm	£10.11
215-619	M10x1.5mm	£10.41
215-732	M12x1.0mm	£19.65
215-748	M12x1.25mm	£17.17
215-754	M12x1.5mm	£19.65
215-625	M12x1.75mm	£11.92

HSS RETREADER

- Use with switchboxes and faceplates
- For cleaning out and cutting damaged threads



125-3090	M3.5x0.6	£8.10
125-3091	M4x0.7	£9.59
456-888	M25	£20.13

THREAD REPAIR INSERTS

- Also known as threaded bushings
- Manufactured from stainless steel
- Designed to be inserted into your object, to add or repair a threaded hole



917-2527	M3x1mm box 20	£3.14
917-2558	M3x1.5mm box 20	£4.20
917-2573	M3x2mm box 20	£5.06
917-2536	M4x1mm box 20	£3.14
917-2551	M4x1.5mm box 20	£4.20
917-2577	M4x2mm box 20	£5.06
917-2539	M5x1mm box 20	£3.14
917-2586	M5x2mm box 20	£5.06
917-2555	M5x5mm box 20	£4.20
917-2533	M6x1mm box 20	£3.14
917-2564	M6x1.5mm box 20	£4.20
917-2589	M6x2mm box 20	£5.06
917-2542	M8x1mm box 20	£4.07
917-2567	M8x1.5mm box 20	£5.16
917-2583	M8x2mm box 20	£6.07
917-2545	M10x1mm box 10	£2.95
917-2561	M10x1.5mm box 10	£3.11
917-2592	M10x2mm box 10	£3.69
917-2549	M12x1mm box 5	£2.10
917-2570	M12x1.5mm box 5	£2.09
917-2595	M12x2mm box 5	£2.33

METRIC THREAD REPAIR KIT

- Repairs stripped or damaged internal threads
- Different kits available to repair threads from M2.5 to M10
- No engineering experience needed
- Protects tapped threads against wear and tear



917-2517	M2.5	£19.20
917-2498	M3	£17.87
917-2508	M4	£18.12
917-2514	M5	£17.16
917-2505	M6	£18.38
917-2511	M8	£19.95
917-2523	M10	£25.32
917-2520	M12	£30.28
917-2501	M16	£49.63
917-2494	M2.5-M6 5 piece	£66.06
917-2482	M4-M10 5 piece	£70.89
917-2491	M6-M12 5 piece	£82.01

HSS TAP & DIE SETS

- Supplied in a sturdy wooden case with blow moulded cut outs for secure placement and protective foam in lid
- Ideal for the quick identification of the right or missing parts
- Secure metal clasp for security and safe transportation



427-913	M2-M6	£176.86
427-919	M6-M12	£297.38

WORKSHOP RANGE TAP & DIE SETS

- HSS set with bar type wrench and ratchet wrench for small tap size
- Metal storage cases with hardwood partition trays



300-7442	M6-M12	£302.31	506-4267	18-piece M3-M10 HSS	£70.07
300-7458	M6-M20	£630.69	668-1125	32-piece M3-M12 HSS	£79.59
300-7464	1/4-19 UNC	£242.06	668-1138	32-piece M3-M12 Carbon Steel	£165.09
300-7470	1/4-32 UNC	£436.05	668-1122	44-piece M3-M12 HSS	£155.55
300-7509	1/4-32 UNF	£426.27	668-1129	54-piece M3-M20 HSS	£256.08

COMBINED DRILL/TAP/ COUNTERSINK SET

- Drills incorporate a tap and countersink/deburr section
- Set contains one of each M3, M4, M5, M6, M8 and M10
- Housed in a plastic case

**HSS TAP & DRILL SETS**

- High Speed Steel construction
- ISO529 straight flute tap with metric coarse thread
- DIN 338 Fully ground drill with black finish



749-5688	M3	£6.26
749-5682	M4	£5.47
749-5691	M5	£7.54
749-5694	M6	£7.66

TAP - DIE & TAPPING DRILL SET

- A selection of different tap & die sets for use in workshops
- Each kit combines taps, dies and drills
- Larger kits include tap wrench and thread gauges

**METRIC TAP SET**

- For hand use or with variable speed power tools with forward/reverse action
- Set contains one of each M3, M4, M5, M6, M8 and M10 taps



828-117	Tap only	£40.28
248-5560	Tap and drill set	£61.53

ISO METRIC COARSE TAP SET

- Set of 3 contains taper, second and plug tap
- Supplied in polypropylene case



215-552	M3x0.5	£11.17
215-580	M4x0.7	£12.78
215-574	M5x0.8	£12.75
215-530	M6x1.0	£12.70
215-568	M8x1.25	£13.11
215-546	M10x1.5	£18.12
215-524	M12x1.75	£24.44

BSPF TAP SET

- One taper tap with a 4° chamfer and one plug tap with 23° chamfer per set
- Supplied in polypropylene tubes



ISO METRIC TAP SET

- Set of 2 taper and plug tap.
- Supplied in polypropylene case.
- Course thread.



151-858	M6	£12.62
152-435	M16	£16.98

SPIRAL POINT TAP SET

- Made from HSS for the toughest applications.
- For machine and hand tapping holes.
- 7-piece set contains M3-M12 sizes.



427-963		£55.03
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METRIC TAP SETS

- Straight flute taps with die-cast tap wrench.
- Contains: taps in M3, M4, M5, M6, M8, M10 and M12 sizes.



375-9323		£52.97
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HSS HAND TAP & DRILL SETS

- High Speed Steel taps to tolerance class of tap: 6H.
- M3-M12
- 14-piece sets include 7 taps & 7 drills.
- 29-piece set includes 2nd & bottom tap, drills and tap wrench.



917-2599	29-piece set	£51.74
917-2609	14-piece spiral set	£68.57
917-2602	14-piece straight set	£42.71

HSS METRIC TAPS LEFT HAND THREAD

- High quality High Speed Steel taps.
- Metric coarse series thread.
- Straight flute.
- Set of 3 taper, second and plug tap.
- Supplied in a polypropylene storage case.



668-1071	M4	£15.31
668-1078	M6	£17.25
668-1087	M8	£23.20
668-1084	M12	£29.17

ISO METRIC FINE STRAIGHT FLUTE TAPS

- High Speed Steel construction.
- Second tap lead angle approximately 8°.



522-7569	M8x1.0	£13.39
522-7575	M10x1.0	£13.45
522-7581	M10x1.25	£14.09
522-7597	M12x1.25	£16.11
522-7604	M12x1.5	£16.35
522-7610	M14x1.5	£17.61
522-7632	M18x1.0	£34.58
522-7654	M20x1.5	£37.49
522-7660	M25x1.5	£47.48
522-7676	M30x1.0	£75.48

HSS PIPE THREAD TAP

- PG DIN40432 thread.
- Plain shank.



917-2606	PG21x16tpi	£28.85
917-2615	PG29x16tpi	£48.00
917-2612	PG42x16tpi	£45.40

MAGNETIC PICK UP TOOL

- Pocket sized tool for picking up dropped items in hard to reach places



444-4094

£10.03

TWEEZER SET

- General purpose nickel plated steel tweezers supplied in a handy vinyl wallet



618-8386 6-piece Nickel plated

£28.03

821-1554 6-piece Stainless Steel

£23.81

821-1508 4-piece SMT

£46.58

VENUS RANGE PRECISION TWEEZERS

- Manufactured from high grade anti-acid, anti-magnetic stainless steel

**VACUUM PICK-UP PEN SET**

- Handheld vacuum pick-up tool
- Body manufactured from tubular aluminium with a bright anodised finish
- Pick-up Heads consist of a fine steel tube and rubber pick up disc
- Pick-up head diameters 4mm, 6mm and 10mm
- Not ESD safe



624-9829

£24.83

ECONOMY TWEEZERS

- Anti-acid/magnetic stainless steel tweezers with serrated handles
- Various lengths and point types available
- For full range visit our website



136-9832 110mm

£8.54

136-9838 120mm fine point

£5.53

136-9836 120mm

£5.53

136-9851 140mm

£3.58

GENERAL PURPOSE TWEEZERS

- High-quality stainless steel serrated handles
- Straight and bent point versions incorporate an anti-twist pin
- Overall length 150mm

**HEAVY DUTY SPRING HOOK**

- Ideal for spring removal
- Stainless steel shaft
- Pulling capacity up to 30kg

405-3294

£16.97

545-187 Bent

£10.49

545-171 Straight

£10.28

549-628

£12.78

GENERAL PURPOSE TWEEZERS

- The most popular tip sizes and styles
- 4lbs spring tension
- Corrosion resistant medical grade stainless steel



FIBRE GRIP CLAMPING TWEEZERS

- Stainless Steel construction for strength and durability
- Fibre handle absorbs heat up to 60°
- Fine bent point 178mm



CUTTING TWEEZERS

- High-quality tweezers for cropping and trimming fine wires
- Parallel, flush cutting edges ground precisely along their 10mm length
- The head profile comes to a point for access in confined spaces
- Cuts 0.25 mm diameter copper & 0.1 mm diameter steel wires
- Superb brushed finish



540-2029	Carbon steel	£31.70
821-1551	Stainless steel	£25.88

821-1504	Extra fine curved point 140mm	£8.80
821-1501	Extra fine straight point 140mm	£7.92
821-1494	Fine, blunt, bent point 150mm	£6.54
821-1491	Flat nose 150mm	£6.54
821-1514	Flat spatula square 120mm	£12.95
821-1497	Fine serrated 150mm	£6.91
821-1485	Blunt straight point 150mm	£7.04

ANTI-MAGNETIC TWEEZERS

- Precise tweezers in boley style no 5
- 4lbs of spring tension
- Corrosion resistant medical grade stainless steel



PLASTIC TWEEZERS

- Excellent tensile and flexural strength, fatigue and creep resistance
- Low friction, good wear and abrasion resistance
- Low moisture absorption
- Excellent chemical resistance (oils, grease, fuels, organic solvents); not resistant to strong acids, alkalis and oxidising



821-1510	Fine curved	£12.11
821-1517	Extra fine straight	£11.18

136-9864	£2.60	912-9129	£87.56
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INSULATED KNIFE

- Protection from up to 1000V
- Featuring injection moulded nylon 11



911-1156	Cable jointers 65mm blade	£25.77
911-1165	Hack knife 90mm blade	£36.45

CARTON STAPLER

- Efficient, robust & accurate
- All types of boxes can be sealed
- Uses standard 32/15 and 32/18 carton staples
- Weight: 2.3 kg



INSTRUMENT BAGS

- Padded bags designed for the safe transportation of sensitive electronic equipment, tools and components
- Constructed from tough, waterproof Polyester with removable base board



707-7338	300x150x250mm	£23.03
707-7331	360x150x280mm	£22.49
707-7335	445x170x330mm	£26.52

TOOL BELTS

- Constructed from tough padded tear resistant polyester
- Double fastening adjustable belt (90 – 120 cm)
- Modular tool belt comprising of 3 separate sections
- Drill holster with secure strap



788-7217	Tool belt with holster & pouch	£22.16
788-7220	Electricians tool pouch	£11.95
788-7227	General toolbelt	£17.38

STEEL TOOL BOX

- Tubular full length handle
- Steel construction
- Sturdy hinged mechanism
- Lacquered finish with cadmium & lead free colour
- 0.6 mm thickness



773-9376	450x200x202mm	£33.71
773-9348	450x215x130mm	£18.64
773-9367	450x215x240mm	£47.83
773-9364	550x200x260mm	£47.90
773-9370	550x215x202mm	£39.03
773-9360	550x215x240mm	£44.35

RUCKSACKS AND TOOLBAGS

- 16" rucksack with reflective piping
- Comfortable padded shoulder straps
- Double zipped bottom section
- Mobile phone/mp3 player holder on strap



788-7211

£24.49

DRILL BIT CASE WITH ORGANISER

- 11 trays to help keep things organised
- Lightweight
- Transparent lid to make selections easier
- Anti-migration bars to ensure small parts stay in place
- Strong clasps



838-6529

£16.38

ABS TOOL CASES

- Vacuum-formed, lightweight, strong construction
- Lockable toggle, 2 keys supplied
- Strong carrying handle, robust hinges with incorporated feet



230-396	412x311x118mm	£105.53
230-380	480x355x135mm	£126.72
619-345	485x350x180mm	£163.77
653-6814	520x340x160mm	£243.47

TOOL BALANCERS

- Suitable for a wide range of drivers
- Cord with cable stop
- Durable plastic composite housing designed to hang overhead



793-2774 0.5-1.2kg

£34.12

793-2777 1.0-2.0kg

£34.12

793-2771 2.0-3.0kg

£38.91

19" PLASTIC TOOL BOX

- Removable tote tray for quick access to small parts
- Two built-in organisers with lids for the sorting and storage of fasteners and fixings
- Telescoping design carry handle for easy transportation and a compact design



833-5988

£13.57

TOOL BOARDS FOR CASES

- Replacement boards
- Pockets and loops for secure storage



515-732 Base tool board

£16.79

515-726 Lid tool board

£26.21

PP TOOL CASE WITH TOOL BOARDS

- Removable tool boards with pockets
- Stackable, dustproof & waterproof
- Automatic air pressure compensation valve
- Ergonomic two-component carry handle



921-2763	Case with 2 removable boards.	£215.22
921-2766	Case with 3 removable boards.	£357.00
921-2713	HDPE case with 2 tool boards	£283.56

ALUMINIUM TOOL CASE WITH 2 TOOL BOARDS

- 2 key locks
- Adjustable bottom tray
- Max load capacity: 25 kg
- 455mmx340x150mm



921-2704	£237.66
753-1598	£160.93

GO TOOL CASE SYSTEM

- Aluminium frame, ABS body
- 4 feet for stability
- 467x366x185mm
- Telescopic handle and 2 wheels



921-2735	Tool Case	£216.24
921-2732	GO Loops	£28.32
921-2741	GO Module	£50.98
921-2738	GO Pockets	£28.32

RHINO TOOL CASE SYSTEM

- Aluminium frame, HDPE body
- 4 feet for stability
- 505x440x280mm
- Telescopic handle and 2 wheels



921-2744	Tool Case	£317.22
921-2748	Rhino Pockets	£28.32
921-2757	Rhino Module	£50.98

MOBILE TOOL CUPBOARD

- Professional, sturdy tool cupboard with fitted storage shelf and recessed work top
- Sheet steel construction with electrostatic matt powder coating with a scratch proof finish
- Locking mechanism
- 730x450x310mm



753-1598	£160.93
753-1573	£356.60

TOOL DRAWER CABINET

- Premium quality sheet Steel
- Electrostatic matt powder coated
- Scratch proof finish
- Fully extendible drawers
- Central locking system
- 75mm diameter wheels with 2 locking swivel castors & 2 fixed castors



753-1586	5 drawer	£275.50
753-1595	6 drawer	£292.13

MOBILE TOOL STORAGE & TROLLEY

- Two lockable drawers with ball bearing slides and liners, give additional tool security
- Four large castors with two locking
- Some self-assembly required



851-7581	2 drawer	£221.70
851-7590	4 Drawer	£414.05

HEAVY DUTY TOOL DRAWER CABINET

- Premium quality sheet Steel
- Electrostatic matt powder coated
- Scratch proof finish
- Fully extendible drawers
- Central locking system
- 100mm diameter wheels with 2 locking swivel castors & 2 fixed castors



753-1573	3 drawer	£356.60
753-1576	5 drawer	£375.87
753-1570	6 drawer	£405.46
753-1589	7 drawer	£431.78

STEEL TOOL CHEST

- Durable electrostatic matt powder coated, scratch proof
- 80mm deep top locker with integrated locking mechanism
- Low friction telescopic ball bearing slides
- Carrying handles



768-1678	3 drawer	£237.57
768-1671	6 drawer	£279.06
773-2735	8 drawer	£323.43

ROLLER TOOL CABINETS

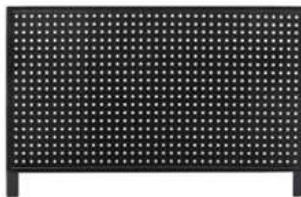
- Central locking mechanism to avoid unintentionally drawer opening during transport
- Recessed worktop with a high quality mat great as a temporary workbench and for loose tool storage
- 2 colour EVA foam modules with tool cut outs for quick identification of missing parts and easy inventory control
- Low friction ball bearing slides for a smooth and durable mechanism
- Full extension drawers for easy access to tools and parts
- Heavy duty oil proof wheels. 2 fixed, 2 swivel for easy steering
- Smart Lock on every draw keeps drawers closed avoiding accidental opening



833-5907	4 drawer 476x440x794mm	£306.74
833-5900	7 drawer 975x450x710mm	£488.11
833-5903	7 drawer 975x450x890mm	£590.27
833-5916	11 drawer 985x450x1085mm	£788.59

TOOL PANEL

- Premium quality steel panels for roller cabinets
- Include all the bolts and washers you need to fix to the cabinet
- Durable electrostatic matt powder coated tool panels are also scratchproof



875-5786	Panel	£155.22
875-5783	12 pack of hooks	£15.52

15-PIECE SERVICE ENGINEERS KIT

- Comprehensive kit offering a variety of tools supplied in carry-case for storage and organisation
- Contains: cutters, stripping tool, snap-off knife, torch, voltage tester, VDE slotted screwdriver, adjustable wrench, insulation tape, tape measure, mains fuses, combination pliers, Pozidriv. and slotted screwdrivers
- For full details visit our website



136-3405

£97.92

124-9873

£38.68

£87.67

£132.37

Visit rspro.com to order today!

ELECTRO-MECHANICAL TOOL KIT

- Contains a mix of spanners, electrical tools, soldering iron, solder and other useful tools in a durable case
- Case may be ordered empty, stock number 255-910



178-043

£539.01

124-7713

£35.17

94-PIECE MECHANICS TOOL KIT

- Large tool kit for automotive work comprising of a comprehensive socket and bit, spanner and precision screwdriver sets
- Chrome Vanadium construction with Chrome Molybdenum Steel sockets



734-8889

£67.60

734-8885

£125.84

88-PIECE SMART PHONE SERVICE KIT

- Perfect for any service consumer electronics repair
- Quality metal driver and metal Bits
- Smartphone tablet repair screen open safe suction cup
- SIM tool useful for quickly removing SIM cards
- Precision small tools to get into tight spaces
- Intended for use on most hand held devices
- Packaged in an easy to store case

**VDE TOOL KIT**

- Designed for professional engineers who work on or around electrically live circuits
- All tools are VDE certified and individually tested for use up to 100V AC



829-6543 16-piece

£87.67

829-6549 24-piece

£132.37

1000V TOOLS KITS

- Featuring injection moulded Nylon 11 insulation that bonds with the tool to offer maximum protection and longer life.
- The unique Nylon 11 insulation makes the tools a great choice when working in extreme climates and the most difficult conditions.
- Visit our website for more details of kit contents.



911-1538	9-piece Electricians	£209.05
911-1534	20-piece delux	£763.63
911-1547	29-piece Engineers	£604.70

LIVE WORKING TOOL KIT

- VDE approved
- Constructed from high grade steel
- Two component comfort grip handles
- Supplied in zipped wallet
- Manufactured in Germany



473-350	7-piece	£54.52
161-221	11-piece	£121.45

MECHANICAL TOOL KITS

- High quality set supplied fitted in a blow moulded carry and storage case
- Chrome Vanadium steel construction
- Socket stamp with sizes for quick identification
- Visit our website for more details on contents



829-6561	73-piece 1/4" drive	£109.96
829-6568	78-piece 1/4 & 1/2" drive	£114.60
829-6559	89-piece 1/4 & 1/2" drive	£138.89

SMALL UTILITY TOOL KIT

- Supplied with an assortment of professional hand tools
- Supplied within a tough, waterproof, padded bag



TOOLS CABINET WITH TOOLS

- Fitted EVA modules
- Comprehensive tool range included
- Recessed worktop
- Heavy Duty oil resistant wheels
- Smart Lock drawers



TOOL LANYARDS

- Tethers tools to workers
- Poly webbing cuff secures to wrist
- Prevents tools from being dropped when working at height or in hazardous situations
- Adjustable barrel lock for attaching tools
- Maximum safe working capacity 0.9 kg.



627-4702	Wrist medium	£3.58
627-4718	Wrist large	£3.58
627-4695	Barrel lock	£14.21
627-4689	Double clasp	£16.51

BASIC TOOL ROLL

- PVC backed woven cotton fabric
- Polyester finish
- Black colour with red webbing and wrapping strap
- 14 pockets for tool storage
- Two straps for rolling



707-7278	380x200mm	£6.56
707-7287	510x580mm	£13.48
707-7274	580x380mm	£13.01
707-7271	650x270mm	£10.25

DRIP TRAYS

- Quality drip trays for general purpose use
- Choice of two sizes
- Manufactured from black polystyrene 2.5 mm thick



674-320	510x320x65mm	£11.88
674-314	450x300x100mm	£10.74
400-1091	Vehicle drain pan 400mm dia	£6.62

PARTS TRAYS

- 2 magnets
- Heavy duty oil resistant TPR
- Ideal for dismantle and rebuild work
- Works upside down



125-0934	5.1/4"	£2.79
851-7597	Retractable Oval	£27.26

BLACK TEXTURED PVC TOOL WALLETS

- Reinforced and padded PVC construction
- Lockable zip
- Elastic straps
- With pockets for small components



707-7240	230x155x30mm	£7.58
707-7246	240x190x35mm	£10.55
707-7259	300x230x25mm	£11.60
707-7262	370x260x45mm	£29.92
707-7268	400x295x80mm	£33.77

SPANNER RACKS

- Magnetic and screw in versions
- Can be hung on a wall or carried to the job



851-7578	10 capacity	£19.62
851-7575	12 capacity	£18.58
851-7571	15 capacity	£10.30

AIR DRILLS

- Aluminium construction, 10mm drill
- Ideal for drilling, reaming and honing
- Jacobs keyless chuck
- Positive trigger action

**BLACK PVC TOOL CASE**

- Manufactured from PVC
- Ideal for electronic service engineers
- Includes elasticated retaining loops
- Perfect for securing screwdrivers, pliers, cutters and other small hand tools

**707-7252**

240x190mm

£7.12

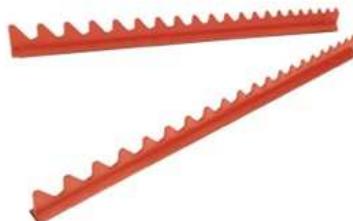
707-7256

308x220mm

£9.62

SHARKS TEETH SPANNER RACK

- Magnetic and self adhesive versions
- Ingenious design gives one straight edge for maximum drawer use
- Holds up to 20 spanners

**851-7587**

Self adhesive

£11.34

851-7584

Magnetic

£14.44

AIR RATCHETS

- General purpose Aluminium construction, ratchet for automotive working
- Easy forward/reverse shift
- Minimum hose size 3/8in/10mm

**405-3632**

Holder 20-30mm diameter

£12.42

405-3648

Holder 30-40mm diameter

£13.19

405-3654

Mounting rail 0.5m

£15.96

405-3660

Mounting rail 1m

£21.81

RECTANGULAR MAGNETIC TRAY

- Four heavy magnets
- Clamp ferrous metal surfaces
- Strong holding power on the stainless steel tray
- Works upside down

**405-3632**

Holder 20-30mm diameter

£12.42

405-3648

Holder 30-40mm diameter

£13.19

405-3654

Mounting rail 0.5m

£15.96

405-3660

Mounting rail 1m

£21.81

739-8449

Mini 1/4"

£88.14

739-8382

3/8"

£56.41

739-8385

1/2"

£65.82

AIR PISTOL SCREWDRIVER

- Aluminium construction, ergonomically designed
- Visit our website for more details



AIR BLOW/VACUUM GUN

- Air powered clean up guns that can be converted into a vacuum or blow gun by unscrewing the rear of the gun, reversing the venturi unit and screwing the gun back together
- The venturi/vortex action multiplies input and prevents risk of stalling
- Constructed from hard wearing maintenance nylon 6 that is also oil resistant and chemically inert
- 1/4in BSP Inlet
- Max working pressure 6 bar
- Accessories available separately, not supplied with dust bag



806-763	Gun	£31.39
806-820	Hose 2m	£5.86
806-785	Dust bag	£14.03
806-808	Extension tube	£3.67
806-791	Flared nozzle	£5.49

AIR OPERATED GREASE GUNS

- Industrial air powered greasing systems to fit different sized grease kegs
- Each system comprises a high pressure pump with pistol grease gun, hose, Z swivel, follower plate, lid, control valve and trolley



263-2592	12.5kg	£536.00
263-2609	50kg	£600.00

SPRAY GUNS

- Manufactured to industrial standard
- All metal construction with quick release container



297-9936	0.25 litre	£113.00		
672-087	1 litre	£58.60	547-616	£18.47

60 PIECE CUTTING & GRINDING SETS

- Shafts: 2.35mm and 3.2mm diameter
- Includes grinding stones and wheels, reinforced cutting discs, carbide slitting discs, mini steel circular saw blades and diamond cutting blades
- For various cutting and preparatory tasks on smaller workpieces



612-9589	30-piece diamond	£13.50
612-9573	24-piece HSS milling	£11.50
612-9595	60-piece	£10.35
499-9134	400-piece	£22.20

AIR BODY SAW

- Aluminium construction air body saw ideal for use in body shop and metal workshops
- 10mm maximum stroke with adjustable blade guide
- 16SWG cutting capacity
- Suitable for universal blades



739-8433	Air Body Saw	£72.76
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ELECTRIC TORQUE SCREWDRIVER

- Brushless motor for a cooler running and no Carbon particles
- Ideal for clean environments
- ESD safe housing
- Soft start power supply with variable speed setting



849-2016	0.05-0.5Nm	£412.03
849-2025	0.15-1.18Nm	£475.29
849-2028	0.4-2.0Nm	£412.03

DRILL AND TOOL KITS

- Versatile kit for precise and accurate work
- Accessories for drilling, grinding, routing and shaping



122-1167	9.6V	£64.95
469-4356	12V	£34.45
487-1389	230V	£47.30

MINIATURE ELECTRIC DRILL

- Compact PCB Drill with low vibration operation
- 2m power lead



UNIVERSAL DRILL CLAMP

- For power drills with 43mm (Euro) collar
- Rotates 180 degrees, L & R 90 degrees
- Can be locked off when needed
- Leaves both hands free
- Enables correct positioning for accessories or tasks
- Maximum thickness of worktop is 45mm



PRECISION CHUCK

- Ideal for high drill speeds and precision work with drills, boring mills and special drilling machines
- Length: 18.5mm, diameter: 15mm
- Thread size: M8x0.75mm
- 3 jaw 0.5-3.2mm



134-5579

£6.33

AIR IMPACT WRENCHES

- General purpose impact wrenches ideally suited to automotive bench working, including small engine and body repairs, ignitions, body panels and transmissions
- Cast Alloy construction
- Forward and reverse mode
- Weight 1.25kg



739-8376 3/8"

£97.93

739-8379 1/2"

£87.84

739-8373 3/4"

£269.83

AIR DIE GRINDERS

- Aluminium construction for buffing, polishing and grinding
- 6mm 3 piece design collet
- Safety throttle lever
- Positive throttle action
- Min Hose Size 10mm



739-8398

£50.37

ELECTRIC HEAT GUNS

- Flexibility to perform dozens of jobs
- Perfect for stripping paint and varnish
- 220Vac



124-5159 1600W

£29.95

124-5158 2000W

£39.95

AIR ANGLE GRINDER

- Aluminium construction air angle grinders designed for use in metal fabrication
- Powerful motor
- Minimum hose size 10mm



739-8455 2 inch

£89.55

739-8389 4 inch

£99.62

CENTRE DRILL BITS

- High speed steel
- Right-hand cutting
- Combined drills and countersinks
- Double ended
- 60° countersink angle
- Manufactured to BS328



408-7900 BS1	£2.20
408-7922 BS2	£2.48
408-7938 BS3	£3.00
408-7944 BS4	£3.70
408-7950 BS5	£6.06

HSS CONE CUTTERS

- High Speed Steel tapered cone cutter for power tool use for drilling clean holes in plastic, PC boards, alloys and sheet metal up to 2mm thick
- Shank length 22mm
- No pilot hole required



221-620 6-20mm	£20.55
221-585 10-22.5mm	£24.22
221-608 16-30mm	£40.20
221-614 25-40mm	£58.07
221-636 34-51mm	£86.58

HSS SPOT WELD REMOVAL DRILL

- Designed for use with 3 jaw power tools on both ferrous and non-ferrous materials



182-1915 6mm

£6.96

182-1921 8mm

£8.26

182-1886 10mm

£8.86

HSS TITANIUM NITRIDE COATED CONE CUTTER

- Coating provides high wear resistance
- For use on aluminium alloys, sheet metal, plastics and reinforced plastics up to 2mm thick
- 22mm shank length
- Maximum shank diameter 10mm



221-541 Individual 16-30mm	£40.21
221-557 3 piece set 3-30mm	£71.31

POWER TOOL ACCESSORIES & DRILL BITS



COUNTERBORE & PILOT DRILL SET

- Plain shank High Speed Steel counterbores in a Polypropylene storage case



132-019 12-piece M3-M10

£132.23

COUNTERSINKS

- Convenient hand tool for deburring holes in metal, wood and plastic
- Three-fluted construction with inclined angle of 90°



HSS & TIN COATED DEBURRS

- Cutters with 90° angles
- Designed for chatter-free deburring and chamfering on a variety of materials at production speeds



215-518 HSS 2 - 20mm 4 piece

£34.90

215-467 Tin Coated 2 - 20mm 4 piece

£56.47

THREE & FIVE FLUTE HSS COUNTERSINKS

- 90° flutes for use with machines and portable tools
- Three-flute designed to reduce clogging, improve clearance and be chatter free
- Three-flute for use on metals only
- Five-flute for use on metal and wood



218-652 3 Flute 12mm head

£13.72

218-646 3 Flute 16mm head

£17.30

218-630 3 Flute 20mm head

£20.67

218-624 3 Flute 25mm head

£23.51

218-602 5 Flute 8mm head

£8.60

218-595 5 Flute 12mm head

£9.23

218-573 5 Flute 20mm head

£14.04

218-567 3 Flute set 6.3, 8.3, 10.4, 12.4, 16.5, 20.5mm

£46.37

218-618 5 Flute set 6, 8, 10, 12, 16 & 20mm

£48.09

673-8697 1/4in 6pos round shank countersink set

£60.65



PILOT PINS

- Guides the cutter
- Ensure positional accuracy
- Extend the tool life

170-PIECE HSS DRILL SET

- Ground flute High Speed Steel DIN338 Jobber drills
- Ideal for general workshop or works stores applications
- Contains: 1.0-8.0mm in 0.5 increments 10 each size and 8.5-10.0mm in 0.5 increments 5 each size



COBALT JOBBER DRILL SETS

- HSCo (5%) jobber drills for use on alloy steel, hardened steel, stainless steel, cast iron and titanium
- 135° split point



JOBBER DRILL SETS

- Ground flute High Speed Steel jobber drills
- Ideal for general workshop or maintenance use where high precision and productivity are not required
- Housed in a steel case



123-8491 25mm depth

£4.87

123-8505 50mm depth

£4.87

216-678 19-piece 1-10mm

£36.87

216-690 25-piece 1-13mm

£70.54

25-PIECE HSS-TIN COATED JOBBER DRILL SET

- Ground flute High Speed Steel Titanium coated jobber drill set ideal for use in power tools
- Supplied in a blow moulded ABS storage case
- 1-13mm sizes in 0.5mm increments



170-PIECE HSS-TIN COATED JOBBER DRILL SET

- Large High Speed Steel/Titanium coated drill set
- Contains multiples of some of the most popular sizes 1.0mm to 10mm drill bits in 0.5mm increments
- Ground flute
- Ideal for general workshop applications
- Manufactured to DIN338 standard
- Heavy duty steel case with moulded rigid insert for secure storage of drill bits



507-1732 £95.68

WORKSHOP DRILL SET STEEL CASE

- Ground flute High Speed Steel jobber drills
- Ideal for general workshop or maintenance use where high precision and productivity are not required
- Sets supplied in 0.5mm increments



213-001	1-10mm	£26.94
212-941	1-13mm	£48.14

HSS STEP DRILLS

- For rapid drilling of sheet metals and plastics
- For use with power drills with a 13mm chuck

**HSS TIN COATED DRILL BITS**

- Manufactured to DIN 338
- Ideal for power tools, HSS drills for metal, wood and plastic
- Point angle of 118°
- Titanium Nitride Coating
- Individual sizes come in a box of 10



213-512	Drill set, 1-13mm in 0.5 steps	£46.13
213-499	10.0mm dia	£49.15
213-326	10.5mm dia	£30.14
213-534	12.0mm dia	£62.11
213-916	2.0mm dia	£4.68
213-922	2.5mm dia	£5.34
213-411	3.0mm dia	£7.59
213-405	3.2mm dia	£7.63
213-398	3.3mm dia	£8.73
213-304	3.5mm dia	£8.73
213-821	4.0mm dia	£8.42
213-809	4.2mm dia	£10.27
214-177	4.5mm dia	£10.17
213-203	5.0mm dia	£13.45
213-281	5.5mm dia	£16.37
213-635	6.0mm dia	£22.54
213-613	6.5mm dia	£22.19
213-607	6.8mm dia	£33.77
214-240	7.0mm dia	£23.72
214-004	8.0mm dia	£30.02
213-691	8.5mm dia	£29.41
214-048	9.0mm dia	£35.34

MASONRY/HSS/WOOD DIAL A DRILL SET

- Masonry 3, 4, 5, 6, 8 & 10mm dia
- Steel 3, 4, 5, 6, 8 & 10mm dia
- Dowelling Drills (Wood) - 3, 4, 5, 6, 8 & 10mm dia



673-4709	£30.24	214-048	9.0mm dia	£35.34	511-9676	£29.14
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MASONRY DRILL SET

- 9 high quality masonry drills
- Tungsten carbide tipped
- Drill sizes: 4-12mm dia in 1mm increments
- Plain shank



694-425 £16.77

BI-METAL HOLE SAW KITS

- Supplied in a foam filled carry case with cut outs
- Designed for cutting holes in material without damaging the surrounding area
- Ideal for light installations, cable routes in desks and access points plasterboard
- Cut out foam filled case for a secure fit and easy identification of the correct or missing part
- Secure latches so box stays closed during transportation and storage



216-016	6 piece electricians kit	£55.29
216-000	9 piece plumbers kit	£77.60
216-038	11 piece maintenance kit	£95.33
216-022	11 piece industrial kit	£95.19

HSS CONDUIT HOLE SAWS

- HSS construction
- 8mm depth of cut
- 10mm shank diameter
- 20mm diameter



673-4743 £14.64

BI-METAL HOLE SAWS

- Hardened cutting edge welded to a tough alloy steel body
- For use with ferrous and non ferrous metals, plastics and wood to a depth of 32mm
- 14-30mm dia saws require a 6.5mm arbour
- 32-152mm dia saws require a 9.5mm arbour



THINWALL HOLE SAW KITS

- Choice of Thinwall and TCT hole cutter kits
- Use on multiple materials - wood, thin sheet metal and plastic



918-6421	3-piece kit 22, 29, 35mm and pilot drill	£38.48
918-6428	6-piece kit 22, 29, 35, 44, 51, 64mm and pilot drill	£84.44
673-4718	20mm	£7.31
673-4712	22mm	£7.35
673-4724	32mm	£9.54
673-4728	38mm	£10.70
673-4737	40mm	£11.76

216-218	16mm	£4.93
216-252	20mm	£4.94
216-303	22mm	£5.49
216-325	25mm	£5.78
216-268	27mm	£6.13
215-934	51mm	£9.09
215-956	54mm	£9.01
216-189	60mm	£10.50
216-195	64mm	£10.56
216-397	76mm	£8.51
216-404	79mm	£8.51
216-410	83mm	£9.97
215-855	92mm	£12.16
215-861	102mm	£13.16
216-072	114mm	£20.54
216-088	121mm	£25.34
216-094	127mm	£28.57
216-101	140mm	£34.78
216-117	152mm	£36.57
215-984	Pilot drill for 14-30mm arbor	£2.14
215-990	Pilot drill for 32-152mm arbor	£2.43
216-044	Arbor for 14-30mm dia	£5.00
215-978	Arbor for 32-152mm dia	£9.77

JIGSAW BLADES

- Application marked on the side of the blade for easy identification of the right part for the job
- High speed steel blades for metal cutting
- High Carbon steel blades for wood cutting
- Carbide blades for ceramic cutting
- Supplied in packs of 5



799-9386	5x100mm 12tpi bi-metal	£12.15
799-9332	T345XF bi-metal	£10.22
799-9358	10tpi HCS wood	£5.71
799-9360	12tpi HSS metal	£6.46
799-9367	T101T-shank HSS	£10.14
799-9336	T101DT-shank HCS	£7.51
799-9320	T118AT-shank HSS	£7.40
799-9342	T127DT-shank HSS	£7.02

MAGNETIC DRILLING MACHINES

- Variable speed control
- Powerful 1100 W motor
- Mechanical clutch protection
- 13mm drill chuck
- Weight: 14.kg
- Carry case



123-8506	110V	£375.00
123-8507	230V	£375.00

SDS-MAX DRILLS

- Carbide cutting edges
- Spiral flutes for debris removal
- High drilling stability
- For Masonry and Concrete drilling



511-9705	12mm	£24.61
511-9749	16mm	£32.17
511-9777	18mm	£38.50
511-9856	30mm	£60.42

STANDARD HSS CUTTERS

- Accurate, symmetrical, fine finish hole cutting capabilities
- Reduced friction between the HSS core drill and the material
- Time and energy savings



123-8493	12mm long	£18.55
123-8480	12mm short	£13.58
123-8494	14mm long	£22.71
123-8481	14mm short	£13.58
123-8495	16mm long	£26.78
123-8482	16mm short	£14.58
123-8496	18mm long	£27.88
123-8483	18mm short	£15.53
123-8497	20mm long	£28.36
123-8484	20mm short	£16.64
123-8498	22mm long	£32.43
123-8485	22mm short	£18.16
123-8499	24mm long	£34.58
123-8486	24mm short	£19.27
123-8500	26mm long	£36.59
123-8487	26mm short	£20.80
123-8501	28mm long	£39.70
123-8488	28mm short	£22.38
123-8502	30mm long	£43.29
123-8489	30mm short	£23.43
123-8503	32mm long	£46.06
123-8490	32mm short	£33.87

SDS DRILLS

- Carbide cutting edges with centre tip
- Optimised spiral flutes for debris removal
- Hammer capability
- Blackened finish
- High drilling stability
- For Masonry and Concrete drilling



562-476	5.5mmx160mm	£4.67
562-365	6mmx160mm	£3.97
562-416	7mmx160mm	£4.89
562-466	8mmx210mm	£6.12
562-450	10mmx210mm	£5.61
562-444	10mmx150mm	£12.57
562-371	12mmx160mm	£5.84
562-488	12mmx210mm	£7.95
562-523	12mmx450mm	£12.67
562-438	14mmx560mm	£7.05
562-432	14mmx210mm	£10.18
562-511	16mmx210mm	£11.56
562-501	16mmx450mm	£18.91
562-393	18mmx450mm	£19.48
562-482	20mmx450mm	£24.13
562-505	22mmx450mm	£28.65
562-400	25mmx450mm	£42.54

T-SHANK JIGSAW BLADE SETS

- Individually marked with wood or metal cutting for quick identification of the right saw blade
- High Carbon Steel blades for wood
- High Speed Steel blades for metal cutting
- Supplied in a clear plastic storage case
- Suitable for all jig saws which accept a T-Shank blade



799-9354	5-piece	£8.20
799-9348	10-piece	£9.96

DRILL CHUCKS

- Light duty chucks and keys
- Suitable for use with portable power drills



125-7937 Key type 13mm 1/2x20UNF	£5.15
125-7936 Key type 10mm 3/8x24UNF	£4.25
125-7938 Keyless 13mm	£11.85
600-745 Automatic 6.5mm dia mount	£10.76
668-5868 Quick change magnetic tip	£14.37

HSS STEP DRILL BITS

- High quality
- Reduced vibration
- Faster drilling rate



123-8515 12-25mm clearance & tapping	£30.52
123-8514 16-25mm conduit entry	£23.49
123-8512 16-32mm conduit entry	£28.70
123-8510 4-12mm bit 6.5mm shank	£21.96
123-8513 4-22mm 10mm shank	£24.18
123-8511 5-35mm 13mm shank	£41.45
123-8508 6-30.5mm 10mm shank	£56.32

HSS STEP DRILLS - DE-BURRING

- Multi-diameter cutters requiring no pilot hole to cut stainless steel, carbon steel, soft metals and plastic
- 3-flute cutting action provides accurate parallel holes in sheet material up to 3mm thick
- 3mm increments



232-541 4-12mm x 8 steps	£21.33
232-507 6-36mm x 3 steps	£58.02
232-490 6-40mm x 15 steps	£66.06
232-513 7-37mm x 3 steps	£69.51
232-529 8-38mm x 3 steps	£59.58
232-535 M16-M25 3 steps	£43.95
232-614 3 pc set 4-12,4-20,4-30	£76.10

HSS COBALT JOBBER DRILLS

- For use on alloy steel, hardened steel, stainless steel, cast iron & titanium
- Contains 5% Cobalt
- Sold in pack of 10



216-662 2.0mm	£19.54
216-656 2.5mm	£14.86
216-498 3.0mm	£17.39
216-612 3.5mm	£15.31
216-606 4.0mm	£20.67
216-628 4.2mm	£18.77
216-583 5.0mm	£29.61
216-707 6.0mm	£35.14
216-454 7.0mm	£36.81
216-432 8.0mm	£39.87
216-533 10.0mm	£64.94

STEEL TUBE BENDER

- Vice mounted design
- For use on steel tube between 6 and 18mm outside diameter
- The unit comes with 6 interchangeable bending rolls, anvil and bending lever
- Bench vice is not supplied



828-987 £303.86

METRIC HSS TWIST DRILL BITS

- Perfect for general purpose workshop and maintenance drilling work
- High Speed Steel (HSS) construction, ideal for use with power tools
- Black finish for corrosion and wear protection



213-089 2.5mm	£6.56
212-963 3.0mm	£8.71
213-067 4.0mm	£8.84
212-929 10.0mm	£31.90
212-878 12.0mm	£27.99
212-935 13.0mm	£34.64
213-073 3.5mm	£8.14
213-051 4.2mm	£9.67
213-023 4.5mm	£9.65
213-045 5.0mm	£12.55
213-039 5.5mm	£12.55
213-095 6.0mm	£12.78
213-168 6.5mm	£15.36
213-152 6.8mm	£16.27
213-146 7.0mm	£16.94
213-124 8.0mm	£24.11
213-118 8.5mm	£24.06

MINI PIPE BENDER

- An ideal tool for air condition, refrigeration or central heating, installation engineers
- Suitable for bending 6, 8, 10mm (1/4, 5/16, 3/8) O/D tubing, can be used for annealed copper, aluminium and steel tubing
- The tool also has a calibration scale for easy accurate bending of right, left and offset bends



388-3684 Tube bender £14.39
423-6641 Heavy duty pipe bender £21.28
451-8987 Plastic pipe shears, up to 42mm dia £27.81

METRIC WORM PATTERN DRILL

- 1/2 in diameter reduced shank for use in 13mm chuck machines
- Parabolic flute geometry (Worm pattern)
- Cutting geometry and flute to BS328 / DIN338



694-447 DIN HSS 17mm dia	£14.58
694-453 DIN HSS 19mm dia	£16.81
694-469 DIN HSS 22mm dia	£32.13
694-475 DIN HSS 25mm dia	£42.93
408-7972 HSS 14mm dia	£12.74
408-7988 HSS 16mm dia	£14.96
408-7994 HSS 18mm dia	£17.64
408-8004 HSS 20mm dia	£20.70

SINK CLEANING

- 1/4 inch x 12ft galvanised steel wire pipe and sink cleaner for clearing sink, bath and shower waste pipes
- 5 inch diameter by 18 inch long sink plunger to make sink unblocking easy



388-4340 Sink Plunger, 5in dia x 18in long £5.30
388-8409 Wire cleaner for sink, 1/4inx12ft £11.61

DRAIN ROD SETS

- Manufactured from polypropylene and brass
- Kits contain cleaning wheel, 4 inch drop scraper, 4 inch plunger and 2 inch double work screw



388-8257	Universal set for clockwise use	£66.53
388-4334	Lockfast set for bi-directional use	£77.72

GREASE NIPPLE KITS

- Choice of different thread sizes
- Each kit contains 150 grease nipples: 50 each of H1-straight; H2-45°, H3-90°
- Supplied in storage box
- Made from steel which is Zinc passivated



195-4037	1/4in BSF	£32.57
195-4059	1/4in BSP	£57.06
195-4043	1/4in UNF	£32.53
195-4021	1/8in BSP	£41.24
195-4087	10x1mm	£45.67
195-4065	6x1mm	£36.11
195-4071	8x1mm	£38.33

HIGH PRESSURE GREASE GUN

- High pressure (7000 psi)
- Lever operated
- Manufactured in steel, with rigid spout and heavy-duty 4-jaw connector
- Capacity 16 oz.
- The grease spout has an approximate diameter of 9 mm
- The coupling on the end has an approximate diameter of 15 mm



672-166	818-3204 0.8mm	£4.23
	800-7664 1.0mm	£17.28

DE-SOLDERING PUMP

- Desoldering pumps with flexible nozzles for ease of operation
- Anti-static nozzle, ensuring excellent component protection

**DESOLDERING PUMP**

- Knurled main body section for better hand grip
- Easy access release control button

**LOW-COST LEAD-FREE SOLDER WIRE**

- Versatile solder wire that is suitable for a wide range of soldering tasks
- Typical temperature of soldering iron tip for use with this solder is 360-400°C
- Melting point is 228°C
- Flux content 3.3%



818-3204 0.8mm	£4.23
800-7664 1.0mm	£17.28

TIN/LEAD SOLDER WIRE HANDY PACK

- Clear residue left after soldering can be safely left on the PCB
- Flux classification J-STD 004 REL0 – leaving a highly-reliable post-soldering residue



343-7253	£12.16
818-3194	£3.75

RE-WORK FLUX SPRAY

- The application of spray flux to solder joints will aid reflow when heating to remove components
- Can also be used as an anti-tarnish protective film on bare copper or tinned tracks providing an excellent soldering base for up to six months
- Both wide angle actuator for applying a protective film, and extension tube for pinpoint application are supplied
- Mildly activated, to avoid corrosion
- 0.38% Halide Content
- 200ml aerosol

**SMOKE ABSORBER FILTERS**

- 80% noxious fumes absorbed
- Urethane foam activated carbon filter
- Absorbs flux and lead fumes
- Amount of activated carbon filter 7g
- Maximum absorbing weight for 1 filter 2g



SOLDERING & DESOLDERING TOOLS



RS-E0842 FUME EXTRACTION UNIT

- Filter blocked indicator
- Unique flip top flush sealing mounting plate
- Granulated Carbon Gas Filter
- 99.997% HEPA Filtration



764-5720	Twin arm	£697.01
764-5726	Single arm	£516.08
764-5739	Single tip	£448.83
123-4905	Fume extractor	£41.79

SOLDERING TIPS AT60D & AT80D

- Range of copper soldering tips, suitable for use with the RS AT60D or AT80D soldering stations



799-8976	0.2mm conical sharp	£2.28
799-8985	0.8mm conical chisel	£2.28
799-8979	1.2mm conical chisel	£2.28
799-8973	2.4mm conical chisel	£2.28
799-8982	3.2mm conical chisel	£2.28
799-8989	2mm 45° conical bevel	£2.28

HIGH POWER IRONS 230V

- Predominantly used for soldering metal sheets or branding
- Can be used to cut vinyl canopy fabric
- Long life span due to high quality heater
- Copper tip fitted



771-9518	150W	£28.94
771-9521	200W	£37.51
771-9524	300W	£42.88

SOLDERING TOOL SET

- Assists in preparing/repairing PCB assemblies
- Contains three tools with hexagonal plastic handles and hardened steel shafts, each shaft having a specially formed tip



226-6331		£10.50
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CORDLESS SOLDERING IRON 15W

- Separation from mains supply eliminates voltage spikes/surges and absence of earth allows use on isolated/floating components
- Nominal power equivalent to 35W irons
- Rechargeable unit with built-in nickel-cadmium batteries
- Safety lock for power switch
- Operating temperature 350°C reached within 7 seconds
- Two light fittings mounted on tip holder provide illumination of soldering area



545-008	Solder station	£81.13
684-204	Spare tip	£33.03
337-5212	Charger	£37.36

SOLDERING IRON AT90DH

- Conductive silver alloy for fast heating
- Large tip contact area for efficient tip heating
- Streamlined, lightweight design for comfort over longer periods of use



885-6126	AT90DH Soldering Iron	£58.18
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SOLDERING TIPS DS90

- Range of copper soldering tips, suitable for use with the RS AT90DH soldering station
- Features a smaller soldering iron tip size and split design to reduce accessory expenses



799-8945	2mm bevel	£6.75
799-8960	0.7mm conical chisel	£4.08
799-8963	0.8mm conical chisel	£4.01
799-8967	0.8mm conical chisel	£4.01
799-8954	0.25mm conical sharp	£4.05
799-8957	1.2mm 45° conical bevel	£4.08
799-8951	2.4mm 45° conical bevel	£4.08

SOLDERING IRONS 230V

- Triangular shaped handle for comfortable handling
- Plastic handle - 100% impact resistant
- High quality nichrome heater element with great thermal stability



771-9477	40W	£16.09
771-9489	60W	£17.69
771-9492	80W	£19.30
771-9499	100W	£20.90

SOLDERPOT MAX FOR LEAD FREE SOLDER

- Rated to 90W and operates up to 385°C for use with lead free solder
- Suitable for tinning components leads, wires, tags etc.
- Detachable tray surrounding crucible retains excess dross when cleaning solder surface
- Crucible diameter 39mm
- Seated on 120 x 120 mm ceramic base with fixing centres at 100 x 100 mm
- Supplied complete with solder



618-7967	Includes solder	£218.55
618-7973	Without solder	£196.68

SMD REWORK STATION

- LED display
- Temperature calibration function
- ESD safe
- Durable casing



124-4133 Rework station	£102.00
124-4134 2-in-1 rework station	£120.00

LCD SMART SOLDERING STATION

- LCD display
- Fast heat recovery
- Store 3 frequently used temperatures
- Change between F and C
- System lock



124-4132	£107.99
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SOLDERING STATION AT90DH

- Large LCD display, with backlight
- Soldering Iron heats from room temperature to 350°C
- Built in 'sleep mode' function



799-8941	£168.00
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SOLDERING STATION ST-60

- Set and lock required temperature
- Display temperature in °C or °F
- Pre-set frequently used temperatures using buttons 1, 2 and 3 to switch quickly between
- New design featuring LCD display screen for clarity
- Dual-core wire heater for fast heating
- Separate soldering iron stand for flexibility and ease of movement

**LOWER COST LEAD FREE SOLDERS**

- Resin based lower cost lead-free solder wire
- Alloy prolongs life of soldering iron tips
- Good spread and wetting
- Bright solder joints



756-8862 0.8mm, 500g	£33.96
756-8865 1.2mm, 500g	£33.28

TIN-AG-CU ALLOY LEAD FREE SOLDERS

- Resin-based SAC305 Lead-free solder wire
- Leaves low level of clear flux residue
- Wets well to all PCB and component finishes
- Ideal for all lead-free applications
- Utilising a synthetically refined resin
- Effective activator package



756-8875 0.4mm	£30.99
756-8884 0.7mm	£26.04

LEAD FREE 3% AG SOLDERS

- Versatile solder wire that is suitable for a wide range of soldering tasks
- Typical temperature of soldering iron tip for use with this solder is 360-400°C
- Melting point is 217-219°C
- Flux content 3.3%



756-8893 0.7mm, 500g	£51.49
756-8913 1.2mm, 250g	£27.81
756-8897 1.2mm, 500g	£51.79

60/40 SOLDERS

- 60/40 tin/lead solder wire with no rosin (colophony) in flux
- Resin-free
- Low level of flux residue
- Minimal flux residues removed by dry brushing
- Low odour



756-8871 0.4mm 250g	£21.25
756-8904 0.7mm 250g	£10.92
756-8900 0.7mm 500g	£24.08
756-8881 1.2mm 250g	£11.02

BLOW TORCH

- Piezo electronic ignition system
- Rear control knob selects flame size
- Ideal for silver soldering, light brazing
- Removable base for hands free operation
- Optional soldering iron or flameless hot-air nozzle for heat shrinking



467-450 Mini gas blowtorch	£46.52
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PROPANE & BUTANE GAS REFILL

- High quality butane gas
- Stock number 790-3583 is fitted with a standard EN417 nozzle with an EU 7/16 connector



790-3580 200ml	£3.38
790-3583 600ml	£6.96

STANDARD LENGTH FC3 MILLING CUTTERS

- Manufactured from High Speed Cobalt Steel (HSSE) and intended for use in Clarkson FC3 Holders and adaptors.



523-0436 1.0mm	£7.47
523-0458 2.0mm	£6.12
523-0464 2.5mm	£6.12
523-0470 3.0mm	£6.11
523-0492 4.0mm	£6.12
523-0509 5.0mm	£6.12
523-0515 6.0mm	£6.12

REVOLVING CENTRES

- Ensures higher turning speeds & greater clamping pressure
- Suitable for general purpose use



463-7224 MT2 146mm	£78.00
463-7230 MT3 169mm	£99.13
463-7246 MT4 202mm	£125.18

MINI BUTT WELDING KIT

- Designed to weld together non-reinforced polyurethane and polyester belts
- Suitable for Z and A vee-section round belts up to 8mm diameter
- Includes hand clamping tool, hot knife, belt cutters and flash cutters



HSS DOVETAIL CUTTER AUTOLOCK

- Inverted & standard screwed shanks
- Ideal for creating dovetail slide ways and chamfers
- Parallel shank
- Black and silver finish



522-8017 Standard 45D 13mm	£37.58
522-8045 Standard 45D 19mm	£49.59
522-8051 Standard 45D 25mm	£76.22
522-8102 Standard 60D 19mm	£49.59
522-8118 Standard 60D 25mm	£71.88
522-8067 Inverted 45D 13mm	£38.37
522-8073 Inverted 45D 16mm	£45.06
522-8089 Inverted 45D 19mm	£47.99
522-8095 Inverted 45D 25mm	£69.07

LONG SERIES FC3 MILLING CUTTERS

- Manufactured from High Speed Cobalt Steel (HSSE) and intended for use in Clarkson FC3 Holders and adaptors



523-0521 1.5mm	£7.43
523-0537 2.0mm	£6.58
523-0543 2.5mm	£6.75
523-0559 3.0mm	£6.68
523-0571 4.0mm	£6.78
523-0593 5.0mm	£6.78
523-0600 6.0mm	£6.65

ARBOR PRESS

- Heavy duty casting
- 4 position anvil
- Steel pinions



713-3784 ½ Ton	£97.65
713-3788 1 ton	£126.30
713-3797 2 Ton	£246.72

GRINDER GUARDS

- All frames are supplied with a support rod to enable them to be easily installed on the cowls of any machine
- These guards comply to the abrasive wheels regulations 1970 and the protection of eyes regulations 1974
- All models are impact tested to the requirements of BS2092 grade 1



204-9798 159x133mm	£29.16
205-9127 215x150mm	£48.66
204-9833 324x305mm	£103.64

MANUAL TOGGLE PRESS

- Cost effective, medium duty toggle press
- Recessed base for tool fitting
- Two handle mounting positions



254-844 600kgf	£132.13
254-850 1200kgf	£287.73

SUDS PUMP

- Capacity 400 gallons per hour at 6 ft. lift



287-0946 220/240Vac	£133.33
287-0744 415Vac	£128.05

COMPRESSED-AIR-OPERATED COOLANT SPRAY

- Maximum heat dissipation gives extended tool life
- Magnetic base and can be mounted on round or square surfaces
- The air and coolant volumes have separate control valves that can be infinitely adjusted to provide output from a very fine mist to a heavy spray
- Air connection is via a 1/4 BSP connector
- Should the suction hose or filter become clogged it is easily cleaned by blocking the output nozzle. This will cause the compressed air to go down the suction hose and unblock it
- Air requirement 40 psi minimum, 100 psi maximum



808-567	£163.02
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HOSE STARTER KIT

- A selection of assorted 1/4 in. or 1/2 in. modular hose accessories enabling initial systems to be built
- Visit our website for more details.



623-5397 1/4"	£15.66
623-5088 1/2"	£15.03

HOSE KITS

- These hose kits provide all components necessary to configure cooling variants for most applications
- Acetal Copolymer



623-5319 1/4"	£134.06
623-5325 1/2"	£148.82

DIN RAIL CUTTER

- Precise cutting
- Up to 3000lbs pressure
- Removable mounting hole punch



510-355	£570.38
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HOLE CUTTERS

- Long life punches with minimum burr, distortion or surface damage
- Easy to dismantle - slugs drop freely out of die
- Not suitable for lever presses



192-480 Temperature controller	£89.40
543-614 M10 radius 28x21mm	£83.31
618-500 M10 radius 30.2x22.7mm	£79.48
541-286 M10 square 19.1x19.1mm	£60.98
545-339 M10 rectangular 29.4x22mm	£52.70
542-302 M12 radius 31.4x28.3mm	£77.70
618-538 M12 square 32.5x32.5mm	£84.78
541-292 M12 rectangular 34.5x24.5mm	£73.48
618-516 M16 rectangular 61x29mm	£160.27
104-4427 Boxed set	£84.37

CIRCULAR HOLE CUTTER

- Long life punches
- Minimum burr, distortion or surface damage
- Most punches can be used with the hydraulic pump/cylinder or hydraulic hand punch kit up to 35mm/1 1/4 in diameter
- Not suitable for lever presses



543-563 M8 16.5mm	£8.82
543-579 M10 20mm	£11.70
543-585 M10 22.5mm	£10.93
543-591 M10 25mm	£11.52
543-715 M10 27.5mm	£12.20
543-608 M10 30mm	£9.37
543-664 M12 35mm	£20.07
543-670 M12 40mm	£22.92
543-787 M16 50mm	£35.22
543-793 M16 60mm	£49.71

HYDRAULIC SYSTEM CUTTERS

- Punches and dies designed to cut mild steel and aluminium up to 3mm (10 swg) thick
- Hole cutters for use specifically with hydraulic pump/cylinder
- The larger hole cutters are particularly useful when panel mounting fans and DIN style equipment.



600-098 Circular 20mm	£16.95
600-105 Circular 22.5mm	£17.45
600-082 Circular 16mm	£152.00
600-048 Square 45x45mm	£358.62
600-060 Square 92x92mm	£252.10

FASTENERS & FIXINGS



RS PRO stocks a comprehensive range of Fasteners & Fixings, including screws, nuts, nails, washers, bolts and channel supports, in a variety of materials with industrial approved quality.

Visit the **Fasteners & Fixings** section of our website



MACHINE SCREWS



WOOD SCREWS



SELF-TAPPING SCREWS



NYLON SCREWS



HEX BOLTS



COACH BOLTS



GRUB SCREWS



STUDDING



NAILS



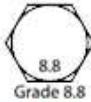
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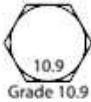
WASHERS



WALL PLUGS &
ANCHOR FIXINGS



Grade 8.8

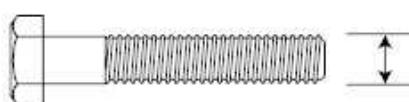


Grade 10.9



Grade 12.9

MATERIAL - WE STOCK A NUMBER OF DIFFERENT FINISHES INCLUDING BRIGHT OR BLACK ZINC PLATE, BRASS, A2 OR A4 STAINLESS STEEL



SIZES - WE STOCK A FULL RANGE OF BOTH METRIC AND IMPERIAL SIZES

ABRASIVES & ENGINEERING MATERIALS



433 GRINDING & BRUSHING DISCS

435 PLASTIC RODS & SHEETS

437 ACOUSTIC FOAMS & BARRIERS

**438 ALUMINIUM TUBES, RODS, BARS &
SECTIONS**

**441 STAINLESS STEEL TUBES, RODS,
BARS & SECTIONS**

RS PRO is the only global brand that gives you every part you need across five industry categories at the quality and price you expect.

rspro.com



SOUNDPROOFING FOAM

- Closed cell, cross-linked
- High temperature resistance
- Excellent chemical resistance
- High strength and tough
- Resistant to hydrocarbon oils and fuels
- 1m x 950mm x 3mm



103-4074 £46.29

WIRE CIRCULAR BRUSHES

- For use in power tools
- Perfect for cleaning welds or removing burr
- 6mm diameter shaft
- Ideal for hard to reach areas or internal surfaces



779-267	15000rpm, 70mm diameter	£7.12
779-273	20000rpm, 30mm diameter	£6.91
779-289	18000rpm, 40mm diameter	£8.16
779-295	15000rpm, 50mm diameter	£9.61
779-302	15000rpm, 70mm diameter	£11.14

WIRE CUP BRUSHES

- Ideal for removing burrs, rust, paints etc.
- The crimped wire allows for working on large surface areas
- Suitable for a wide range of electrical and compressed air tools



692-019	38mm	£6.80
692-025	55mm	£13.00
692-031	75mm	£13.40

3 PIECE CIRCULAR BRUSH KIT

- Prep and restoration kit for heavy duty rust and paint removal
- Designed for rapid work and good life this kit is an excellent all in one solution
- For use with angle grinder (100mm twist knot brush)
- Can be used with drill or flexible drive shafts (75mm brushes)



901-0609 £26.99

CONICAL ZIRCONIA FLAP DISCS

- For effective removal of surface materials without damaging the finished workpiece
- Engineered for multiple applications
- Flap discs have a fast cut and provide a better finish than fibre discs
- High performance zirconia grain offers aggressive and consistent stock removal
- Heavy cloth with resistance to wear



851-7666	P40 Grit	£11.11
851-7660	P60 Grit	£11.11
851-7679	P80 Grit	£11.11

ALUMINIUM OXIDE ABRASIVE DISCS

- Tough versatile aluminium oxide
- 0.8/0.6 mm fibre backing
- Grinding additives
- Versatile and ideal for steel and metal alloys
- Good performance on steel
- Grades from P24 to P120 available



907-6104	115mm dia, 24 Grit	£16.03
907-6113	115mm dia, 36 Grit	£14.18
907-6129	115mm dia, 60 Grit	£11.49
907-6122	115mm dia, 80 Grit	£11.75
907-6135	115mm dia, 120 Grit	£11.17
907-6132	125mm dia, extra coarse, 36 Grit	£16.72
907-6141	125mm dia, extra coarse, 40 Grit	£16.92
907-6157	125mm dia, medium, 80 Grit	£13.71

SATIN MOPS

- Available in various grades, each with a specific job
- Mops can also be used to deliver a satin finish
- Very fine, fine, medium and coarse options
- Producing a satin or matt finish on metal
- Removes paint and heavy rust from metal and can be quite aggressive



901-0615	Coarse	£13.99
901-0624	Medium	£13.99
901-0627	Fine	£13.99
901-0621	Very Fine	£13.99

ULTRA THIN INOX CUT-OFF DISC

- Straight fast cutting action
- Free from Iron, Sulphur and Chlorine
- Ideal for use on Steel and Stainless steel
- Supplied in packs of 5



851-7688	115mm dia.	£3.99
851-7682	125mm dia.	£4.49
851-7691	180mm dia.	£10.25
851-7694	230mm dia.	£12.27

CUP BRUSHES

- Perfect for de-rusting, paint removal and general cleaning tasks
- Steel or brass versions
- Pack of 3 cup brushes
- Shaft diameter 2.35 mm
- Maximum speed 12,000 rpm



136-9890	Steel	£5.49
136-9891	Brass	£5.49

CUP BRUSH - TWISTED WIRE

- For more aggressive cleaning jobs than standard crimped cup brushes
- Intended for use on standard angle grinders



288-3778	8500rpm	£21.65
831-040	12500rpm	£9.84
288-3756	12500rpm Crimped	£9.68

CIRCULAR GENERAL PURPOSE BRUSH

- High quality industrial crimped filled materials
- Especially suitable for heavy duty applications
- Wire diameter - 0.30mm
- Arbor hole adaptor inserts supplied



692-003	5000rpm, 100mm diameter	£8.05
291-3734	5000rpm, 150mm diameter	£20.47
291-3740	6000rpm, 150mm diameter	£25.94
291-1801	6000rpm, 178mm diameter	£33.28

ALUMINIUM OXIDE CLOTH ROLL

- Designed for manual applications
- Resin over resin bonding
- Excellent grain retention
- Can be torn into strips
- J Cotton Cloth Backing



907-6090	P40 Grit, 25m x 50mm	£40.37
907-6062	P60 Grit, 25m x 25mm	£24.79
907-6075	P60 Grit, 25m x 38mm	£32.62
907-6065	P80 Grit, 25m x 25mm	£24.79
907-6084	P80 Grit, 25m x 38mm	£32.62
907-6097	P80 Grit, 25m x 50mm	£40.37
907-6069	P120 Grit, 25m x 25mm	£24.79
907-6107	P120 Grit, 25m x 50mm	£40.37
907-6078	P150 Grit, 25m x 25mm	£24.79

SILICON CARBIDE WET & DRY SANDING PAPER

- Suitable for lubrication with water
- Ideal for use on automotive paint work
- Suitable for wide range of materials including metal, plastics, furniture and even leather



797-5958	240 grit, 280 x 230mm	£10.06
797-5960	400 grit, 280 x 230mm	£10.06
797-5964	600 grit, 280 x 230mm	£10.06
797-5973	800 grit, 280 x 230mm	£10.06
797-5992	1000 grit, 280 x 230mm	£10.06

RUBBER ABRASIVE BLOCKS

- Non-marking flexible rubber blocks with abrasives particles
- Can be used wet or dry
- Can be cut to suit cleaning of difficult shapes
- Dimensions: 80mm x 50mm x 20mm
- Available in four different grades



123-5764	Extra coarse 36 grit	£5.27
123-5765	60 Grit	£5.27
123-5766	120 grit	£5.00
123-5767	240 grit	£5.27

POLISHING KITS

- For use on chrome, plated metals and plastic
- Produce a mirror finish
- Mops feature traditional leather binding
- For use with drills, flexible drive shafts
- Also used for grinder/polishers with chuck amount



901-0611	54 (x1)g, chrome	£29.99
901-0618	115 (x2)g, plastic	£29.99

HEATER MAT

- Minimal thermal loss
- Excellent chemical resistance
- High power densities
- Weather & Ozone resistant
- Fungus & Bacteria resistant with a good resistance to radiation
- Operating Temperature Range -60 to +200°C



798-3741	25mm x 50mm x 0.2mm	£32.71
798-3750	25mm x 75mm x 0.2mm	£33.16
798-3753	25mm x 100mm x 0.2mm	£34.44
798-3757	50mm x 50mm x 0.2mm	£34.44
798-3766	50mm x 75mm x 0.2mm	£37.73
798-3769	50mm x 100mm x 0.2mm	£40.16
798-3763	75mm x 100mm x 0.2mm	£35.71
798-3772	50mm dia. x 0.2mm	£34.44
798-3775	75mm dia x 0.2mm	£37.75

VICTREX® PEEK 450G

- Continuous working temperature approx 250°C
- No significant degradation in steam or high pressure water environments
- Can absorb over 1000 Mrads of radiation without appreciable loss of mechanical properties
- Excellent resistance to a wide range of organic and inorganic liquids, and resistant to all common solvents
- PEEK GF30 is a 30% glass fibre reinforced version



770-686	300mm x 16mm diameter rod	£24.16
770-709	300mm x 25mm diameter rod	£57.17
297-0125	GF30, 300mm x 30mm diameter rod	£122.43
514-764	GF30, 300mm x 50mm diameter rod	£335.01
770-721	300mm x 50mm diameter rod	£211.05
129-757	300mm x 60mm diameter rod	£309.22
237-7706	300mm x 245mm x 10mm sheet	£293.92
514-300	300mm x 245mm x 5mm sheet	£159.16
514-679	500mm x 50mm x 5mm sheet	£57.09

EXTRUDED PTFE

- Extremely high chemical resistance
- Wide temperature range - maximum service temperature 260°C
- Low friction and low adhesion
- Resistant to Radiation
- Excellent dielectric performance



680-612	Rod, 1m x 6mm diameter	£13.93
680-628	Rod, 1m x 10mm diameter	£35.46
680-640	Rod, 1m x 20mm diameter	£55.79
752-622	Rod, 1m x 50mm diameter	£163.39
196-9893	Rod, 500mm x 25mm diameter	£20.70
196-9900	Rod, 500mm x 32mm diameter	£33.92
196-9922	Rod, 500mm x 40mm diameter	£52.23
196-9950	Rod, 500mm x 50mm diameter	£82.18
196-9966	Rod, 500mm x 65mm diameter	£136.45
197-0001	Rod, 300mm x 100mm diameter	£214.99
196-9988	Rod, 300mm x 80mm diameter	£138.47
197-0051	Sheet, 300mm x 300mm x 6mm	£46.22
197-0073	Sheet, 300mm x 300mm x 10mm	£74.81
282-0575	Sheet, 600mm x 300mm x 1.5mm	£69.01
680-662	Sheet, 600mm x 300mm x 1.6mm	£69.01
680-678	Sheet, 600mm x 300mm x 3mm	£94.93
680-684	Sheet, 600mm x 300mm x 6mm	£94.17
752-644	Sheet, 600mm x 300mm x 10mm	£160.02

ACETAL, COPOLYMER (POM)

- High strength and rigidity
- Meet the requirements of FDA 21CFR 177.2470 for repeated food contact
- Typical applications: instrument handles, friction bearings/strips, insulators and seals
- Available in both sheet and rod form
- Good abrasion and chemical resistance



282-0323	Black rod, 1m x 30mm diameter	£13.32
282-0345	Black rod, 1m x 40mm diameter	£29.02
282-0367	Black rod, 1m x 50mm diameter	£38.35
514-467	Black rod, 1m x 65mm diameter	£61.78
438-6263	Black rod, 500mm x 80mm diameter	£44.29
139-619	White sheet, 500mm x 300mm x 40mm	£106.30
514-338	White sheet, 500mm x 330mm x 5mm	£46.05

NYLON 66 ROD & SHEET

- These materials have good chemical, abrasion and UV resistance, are easy to machine and possess good self-lubricating qualities. They are resistant to hot water and can be welded.
- High melting point Nylon 66
- Good electrical characteristics
- High chemical resistance
- Impact resistant
- Easily machined to make gears
- White and Natural versions



680-274	White rod, 1m x 25mm diameter	£22.77
770-002	White rod, 1m x 30mm diameter	£31.57
770-024	White rod, 1m x 40mm diameter	£24.25
770-046	White rod, 1m x 50mm diameter	£36.70
770-068	White rod, 1m x 60mm diameter	£51.88
408-3936	White sheet, 500mm x 305mm x 5mm	£36.43
704-8144	White sheet, 1m x 500mm x 5mm	£58.86
704-8150	White sheet, 1m x 500mm x 12mm	£147.68
184-7119	Natural rod, 500mm x 80mm diameter	£30.90
184-7153	Natural rod, 500mm x 100mm diameter	£40.25
184-7181	Natural sheet, 500mm x 500mm x 10mm	£34.40
184-7204	Natural sheet, 500mm x 500mm x 20mm	£56.84

BLACK NYLON 6 CONTAINING MOS2

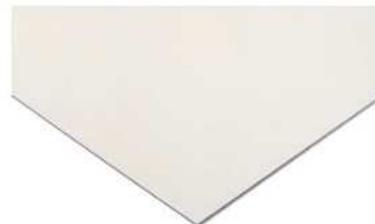
- Good sliding and dry running properties
- Resistant to oils, grease, petrol etc.
- Easily welded, bonded, machined and polished
- UV and weather resistant
- Suitable for friction bearings/strips, gears, castors, pulleys, chains, wheels and machine parts etc



282-0654	Rod, 1m x 25mm diameter	£11.78
282-0676	Rod, 1m x 30mm diameter	£17.26
282-0698	Rod, 1m x 40mm diameter	£15.97
282-0705	Rod, 1m x 50mm diameter	£20.87
514-382	Rod, 1m x 60mm diameter	£37.32
282-0711	Sheet, 500mm x 300mm x 6mm	£20.28

POLYCARBONATE SHEET

- Virtually unbreakable in use
- Fire resistant with very low water absorption
- Temperature range -90°C to +120°C
- Easy To Weld
- Flammability Rating UL 94 HB



769-8724	305mm x 625mm x 1.5mm	£22.22
769-8736	305mm x 625mm x 3mm	£12.50
769-8749	305mm x 625mm x 5mm	£24.58
769-8742	305mm x 625mm x 6mm	£27.07
769-8746	305mm x 625mm x 8mm	£33.79
258-6590	125m x 610mm x 1mm	£33.87
258-6613	125m x 610mm x 2mm	£44.55
681-637	125m x 610mm x 3mm	£40.45
681-643	125m x 610mm x 4mm	£50.92
681-659	125m x 610mm x 5mm	£60.99
681-665	125m x 610mm x 6mm	£80.91
258-6629	125m x 610mm x 8mm	£102.72
704-8220	2.05m x 1.25m x 2mm	£88.57
258-6635	2.05m x 1.25m x 3mm	£112.84
258-6641	2.05m x 1.25m x 4mm	£132.85
258-6657	2.05m x 1.25m x 5mm	£143.14
258-6663	2.05m x 1.25m x 6mm	£171.19
700-9837	2.05m x 1.25m x 8mm	£220.37

ACRYLIC SHEET

- High chemical resistance thermoplastic
- Available in either cast or extruded types
- Surface quality achieved by casting against glass
- 92% Light transmission
- Excellent long term weather resistance with no discolouration



434-295	500mm x 300mm x 3mm	£9.66
824-654	500mm x 400mm x 3mm	£22.41
824-525	500mm x 400mm x 5mm	£42.11
825-253	500mm x 400mm x 6mm	£42.45

ABS SHEET

- Strong and rigid thermoplastic.
- High impact strength and excellent thermal forming properties
- Max Long Term Service Temperature 150°C
- Resistant to many acids/alkalis of medium concentration and is a good electrical insulator
- White in colour

**PETG COPOLYESTER SHEET**

- Very good chemical resistance
- Easily screen printed/ vacuum formed
- High impact strength even at -29°C
- FDA approved for food and drug use
- Flammability Rating UL 94 Class HB
- 1.2m x 620mm x 1mm



681-592	1.22m x 610mm x 1.5mm	£21.03
681-609	1.22m x 610mm x 3mm	£36.82
681-621	1.22m x 610mm x 6mm	£62.73

GREY PVC PLASTIC STOCK

- Good mechanical strength
- Resistant to most chemicals
- Easily fabricated and machined
- Uses include: chemical plant-tanks, electrical components, valves and pumps
- Maximum service temperature 60°C



704-8204	1m x 1m x 6mm	£48.13
704-8208	1m x 1m x 9mm	£71.23
704-8217	1m x 1m x 12mm	£91.71
680-741	1m x 500mm x 3mm	£64.41
680-763	1m x 500mm x 6mm	£45.82
680-779	1m x 500mm x 9mm	£74.60
438-6409	1m x 500mm x 12mm	£49.54
438-6386	1m x 500mm x 20mm	£76.77

HYGIENIC PVC SHEETS

- Anti-microbial function
 - Resistance to a wide range of chemicals
 - Impact resistance
 - Easily bonded
 - 1.2m x 1.2m x 2.5mm

809-9689 £33.98

HDPE SHEET

- Tough, low water absorption and good sliding properties
 - Resistant to dilute acids, cleaning agents and numerous solvents
 - Very good electrical insulation properties
 - Black in colour



408-3835	1m x 500mm x 8mm	£33.75
408-3841	1m x 500mm x 10mm	£42.18

SUPERWOOL 607 HT BOARD

- Rigid panel made from fibres, refractory fillers, organic and inorganic binders
 - immune to thermal shock
 - Continuous use to 1150°C



840-5513	595mm x 495mm x 15mm	£48.76	749-5111	LadderTape, 30m x 3mm x 25mm	£49.29
103-4058	595mm x 495mm x 20mm	£58.06	103-4055	Rope, 30m x 15mm	£59.80
724-8928	595mm x 495mm x 25mm	£67.76	103-4056	Rope, 30m x 25mm	£73.40
724-8906	2.8m x 610mm x 2mm	£41.52	103-4057	Rope, 30m x 32mm	£81.78
					433-8523
					£42.17

SUPERWOOL 607 HT

- High strength superwool paper designed for use as a high temperature gasket material
 - Excellent thermal insulation
 - Can be easily cut and shaped
 - Highly resistant to chemicals and solvents
 - Efficient insulation for temperatures of up to 1200°C



NATURAL RUBBER SHEETS

- Commercial grade natural rubber sheet
 - Colour Black



506-3078	1m x 600mm x 1.5mm	\$10.55
506-3090	1m x 600mm x 3mm	\$20.98
840-5548	1m x 600mm x 3mm	\$13.68
506-3006	1m x 600mm x 6mm	\$29.37
506-3028	1m x 600mm x 10mm	\$48.95
506-3012	1m x 600mm x 12mm	\$58.73

SOUND ABSORPTION POLYURETHANE FOAM SHEETS

- Offer excellent absorption/insulation to sound and protection from dust
 - Self adhesive backing for option of easy fixing to machinery/equipment
 - Non combustible polyurethane foam



293-041	1m x 600mm x 25mm	£58.69
293-091	1m x 600mm x 25mm	£58.19
293-063	1m x 600mm x 25mm	£58.19

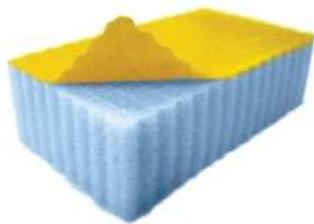
FIRE RESISTANT ACOUSTIC FOAM

- Good thermal insulation with very low thermal conductivity
 - Average acoustic absorption coefficient:
85% @2000Hz and 92% @ 3150Hz
 - Typical applications: plant construction, thermal engineering in buildings, air conditioning, etc
 - Fire resistant
 - 500mm x 500mm x 30mm



AGFT FIRE RESISTANT CLASS O ACOUSTIC FOAM

- Lightweight open cell melamine foam
- Excellent sound absorption
- Fire resistant to class O
- Self-extinguishing
- Temperature resistance -30°C to +150°C
- Thermal conductivity 0.036 W/m.k



103-4064 1.25m x 600mm x 25mm £43.43
103-4063 1.25m x 600mm x 50mm £86.87

AGFT 70 FLEXIBLE FLAME RETARDANT ACOUSTIC FOAM

- Compliant to building regulation standard BS4766 with a class O and class 1 rating
- Flexible and flame retardant
- Excellent sound absorption
- Good mechanical strength
- 1m x 1m x 12mm



103-4073 £28.55

AEROGEL INSULATION MICROPOROUS BLANKET

- High temperature insulation blanket
- Microporous, made from silica aerogel
- Reinforced non-woven glass fibre battting
- Environmentally safe, robust and repels liquid
- Prevents corrosion under insulation
- 1m x 700mm x 10mm



103-4078 £154.27

AGFT WHIS UV POLYETHYLENE FOAM

- Efficient sound absorption
- Closed cell polyethylene foam
- Lightweight and water resistant
- Excellent acoustic performance
- Suitable for external applications
- Fire resistant to DIN 4102 Class B2



103-4068 1.2m x 600mm x 25mm £33.73
103-4067 1.2m x 600mm x 50mm £56.58

ALUMINIUM BUTYL EPOXY RESIN GLASS CLOTH SHEET

- Cold resistance -30°C
- Heat resistance 210°C
- Flammability DIN 75200
- 1m x 330mm x 1.6mm



103-4075 £36.16

HIGH MASS NOISE BARRIER

- Reduces sound transmission and decreases vibration
- Solid PVC sheet
- Operating temperature range: -20°C to +130°C
- Self adhesive backed
- 1m x 600mm x 3mm, supplied in a pack of 2



293-108 £54.34

AGFT ACOUSTIC PVC/NITRILE FOAM

- Controlled cell structure
- Excellent sound absorption, effective at low frequencies
- Good mechanical strength
- Temperature resistance -30°C to +110°C
- Fire resistant to BS4736



103-4069 1m x 1m x 6mm £51.85
103-4070 1m x 1m x 15mm £125.29

WDS ULTRA MICROPOROUS BOARD

- Flame retardant
- Low thermal conductivity, with good insulating properties
- Fire protection class A1
- In-sensitive to high and low temperature thermal shocks
- 595mm x 495mm x 20mm



103-4077 £110.10

SELF ADHESIVE BACKED HIGH MASS BARRIER

- For transmission loss and absorption of high and low frequency sound
- Operating temperature range: -20°C to +130°C
- Density 25-28 kg/m³
- Sheet size 1000 x 600 x 28mm, supplied in a pack of 2



293-142 £95.73

NON-WOVEN VISCOSITY-NYLON TAPE

- Operating temperature range: -10 to +100°C
- Sound damping and sound insulation sheeting
- Adhesive backing
- 50m x 10mm x 0.8mm



881-4560 £22.12

ALUMINIUM ROD AND BAR

- Medium strength alloy
- Good corrosion resistance



246-4068	Sq bar, 1.5in x 1.5in x 24in, each	£42.48
246-4024	Sq. bar, ½in x ½in x 24in, lot of 5	£22.74
246-4046	Sq. bar, 1in x 1in x 24in, lot of 1	£18.89
246-4074	Sq. bar, 2in x 2in x 24in, lot of 1	£75.50
246-4030	Sq. bar, ¾in x ¾in x 24in, lot of 2	£12.74
681-097	Flat bar, ¾in x 1.8in x 24in, lot of 4	£8.08
681-104	Flat bar, 1in x 1.8in x 24in, lot of 4	£8.14
559-151	Flat bar, 1in x ¾in x 24in, lot of 4	£10.50
559-155	Flat Bar, 1.5in x ½in x 24in, lot of 4	£32.29
446-6757	Flat bar, 2in x ¼in x 24in, lot of 3	£20.53
559-161	Flat bar, 2in x ½in x 24in, lot of 2	£42.05
446-6763	Flat bar, 2in x 1in x 24in, lot of 2	£82.11
559-117	Flat bar, 3in x ½in x 24in, lot of 3	£66.24
559-189	Flat bar, 3in x 1in x 24in, lot of 2	£126.14
446-6791	Flat bar, 4in x ½in x 24in, lot of 3	£41.06
446-6808	Flat Bar, 4in x 2in x 12in, lot of 1	£73.61
681-069	Rod, ¾in x 24in, lot of 2	£17.52
681-075	Rod, 1in x 24in, lot of 1	£23.37
681-081	Rod, 1.5in x 24in, lot of 1	£35.05
246-3908	Rod, 2in x 24in, lot of 1	£46.74
495-219	Rod, 2.5in x 24in, lot of 1	£58.42

ALUMINIUM TUBE

- 6063-T6 Aluminium alloy
- Great finishing characteristics
- High degree of resistance to corrosion
- Used to manufacture furniture, windows and stair rails
- Supplied in pack of 5



918-6374	1m x 10mm OD, 1mm wall	£49.66
918-6383	1m x 20mm OD, 3mm wall	£55.04
918-6386	1m x 25mm OD, 2mm wall	£59.23
136-8754	1m x 35mm OD, 2mm wall	£54.59
136-8755	1m x 40mm OD, 3mm wall	£62.53

FREE MACHINING ALUMINIUM ROD

- 101T3 Aluminium alloy
- Speedal® with Bismuth addition produces fine chips of swarf and an excellent finish
- Ideal for applications where good machinability and high strength are required
- Supplied each unless stated



559-149	¾in x 24in, lot of 2	£21.28
559-177	1.25in x 24in	£28.74
495-265	1.5in x 24in	£34.14
495-259	Low lead, 1in x 24in	£17.89
495-253	Low lead, 2in x 24in	£45.81

ALUMINIUM ROD ROUND BAR

- Suitable for highly stressed applications, trusses, bridges, cranes, beer-barrels, milk churns and transport
- Various diameters and lengths available



124-3622	6mm x 1m, lot of 10	£25.83
136-8733	16mm x 1m, lot of 2	£27.51
136-8732	10mm x 1m, lot of 5	£23.85
124-3623	12mm x 1m, lot of 15	£29.42
124-3625	20mm x 1m, lot of 2	£35.47
124-3626	25mm x 1m, lot of 2	£59.64
124-3627	30mm x 1m, each	£47.90

ALUMINIUM SQUARE BAR

- Suitable for highly stressed applications, trusses, bridges, cranes, beer-barrels, milk churns and transport
- Various widths and lengths available



124-3628	12mm x 12mm x 1m, lot of 5	£37.88
136-8735	15mm x 15mm x 1m, lot of 5	£40.02
136-8736	20mm x 20mm x 1m, lot of 2	£40.27
124-3629	25mm x 25mm x 1m, lot of 2	£62.96
124-3631	30mm x 30mm x 1m, each	£49.15
136-8737	40mm x 40mm x 1m, each	£52.95

ALUMINIUM SOLID FLAT BARS

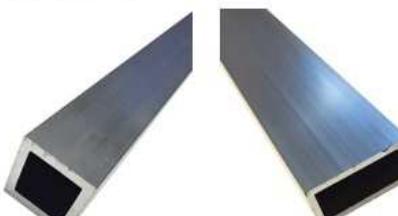
- Suitable for highly stressed applications, trusses, bridges, cranes, beer-barrels, milk churns and transport
- Various widths, thicknesses and lengths available



136-8738	20mm x 3mm x 1m, lot of 10	£42.35
136-8740	20mm x 5mm x 1m, lot of 5	£29.46
136-8741	25mm x 3mm x 1m, lot of 10	£48.60
124-3632	25mm x 6mm x 1m, lot of 10	£61.10
124-3633	25mm x 12mm x 1m, lot of 5	£78.28
124-3634	30mm x 3mm x 1m, lot of 5	£30.35
124-3635	30mm x 6mm x 1m, lot of 5	£50.32
136-8742	30mm x 10mm x 1m, lot of 5	£55.11
136-8743	40mm x 3mm x 1m, lot of 5	£31.75
136-8744	40mm x 5mm x 1m, lot of 5	£42.39
124-3636	50mm x 6mm x 1m, lot of 2	£24.60
124-3637	50mm x 12mm x 1m, lot of 2	£63.11
136-8746	60mm x 8mm x 1m, lot of 2	£45.05
136-8747	60mm x 12mm x 1m, lot of 2	£68.69

ALUMINIUM SQUARE TUBE

- Suitable for used in architectural extrusions, window frames, doors, shop fittings and intricate extrusions
- Formed as square and rectangular tubes
- Various widths, thicknesses and lengths available
- Supplied in lot of 5



124-3638	1m x 40mm	£59.59
124-3639	1m x 50mm	£123.01
124-3640	1m x 50mm rectangular	£105.92

NATURAL ALUMINIUM SHEET

- Flexible and easily formed medium strength aluminium alloy
- Ideal for various applications such as pressing and panel work
- Good chemical and weathering properties
- Flexible alloy, easily formed



434-043	200mm x 300mm x 12mm, lot of 5	£9.09
434-059	300mm x 500mm x 2mm, lot of 5	£40.97
187-328	300mm x 500mm x 3mm, lot of 3	£33.40
188-264	300mm x 500mm x 6mm, lot of 2	£66.83
188-292	300mm x 500mm x 8mm, lot of 2	£89.09
188-321	300mm x 500mm x 10mm, each	£111.37
188-400	300mm x 500mm x 12mm, each	£133.64

ALUMINIUM SECTIONS

- Very good strength and corrosion resistance
- Supplied in 1m lengths



681-687	1/8in x 1/8in x 1/8in, lot of 5	£19.97
681-693	3/16in x 3/16in x 1/8in, lot of 5	£31.72
681-700	1in x 1in x 1/8in, lot of 5	£43.89
681-716	1-3/16in x 1-3/16in x 1/8in, lot of 5	£66.81
446-6729	2in x 2in x 1/16in, lot of 2	£62.11
446-6741	3in x 3in x 1/16in, lot of 2	£104.82
446-6735	4in x 2in x 1/16in, lot of 2	£97.85

ALUMINIUM ANGLES

- Available in various lengths, widths and thicknesses
- Supplied in 1m lengths



136-8748	20mm x 20mm x 3mm, lot of 10	£63.55
124-3641	25mm x 25mm x 3mm, lot of 10	£79.08
136-8749	30mm x 30mm x 3mm, lot of 5	£42.35
124-3642	40mm x 40mm x 3mm, lot of 5	£66.82
136-8752	50mm x 25mm x 3mm, lot of 5	£68.85
124-3643	50mm x 50mm x 3mm, lot of 5	£76.68
136-8750	50mm x 50mm x 5mm, lot of 5	£76.63
136-8753	100mm x 50mm x 10mm, lot of 2	£94.12

COPPER HDHC ROD AND BAR

- Malleable copper in rod and bar form
- High conductivity
- Corrosion resistant



684-305	Bar, 15mm x 3mm, lot of 4	£29.83
684-333	Bar, 15mm x 6mm, lot of 4	£62.62
684-311	Bar, 20mm x 3mm, lot of 4	£39.76
684-349	Bar, 20mm x 6mm, lot of 4	£79.52
684-383	Bar, 25mm x 10mm, lot of 2	£86.78
684-355	Bar, 25mm x 25mm x 6mm, lot of 4	£99.40
684-248	Rod, 3mm diameter, lot of 10	£21.42
684-260	Rod, 12mm diameter, lot of 5	£102.57
684-276	Rod, 15mm diameter, lot of 2	£85.69
684-298	Rod, 25mm diameter, lot of 1	£137.80

BRASS ROD, BAR & SHEET

- Great machining qualities and a high degree of resistance to corrosion
- Low magnetic permeability and toughness at all temperatures
- Sheets are suitable for heat exchangers, scientific and decorative applications



728-6908	Flat Bar, 500mm x 25.4mm x 6.35mm, qty 4	£54.29
682-624	Rod, 500mm x 5mm diameter, qty 5	£11.01
682-630	Rod, 500mm x 6mm diameter, qty 5	£13.20
682-646	Rod, 500mm x 12mm diameter, qty 5	£26.39
682-652	Rod, 500mm x 15mm diameter, qty 2	£33.00
682-668	Rod, 500mm x 18mm diameter, qty 2	£39.59
682-680	Rod, 500mm x 24mm diameter, qty 2	£52.79
680-987	Rod, 609.6mm x 12.7mm diameter, qty 5	£36.61
680-993	Rod, 609.6mm x 19mm diameter, qty 2	£52.31
681-003	Rod, 609.6mm x 25.4mm diameter, each	£69.74
841-1906	Sheet, 600mm x 300mm x 0.45mm, qty 3	£38.54
841-1893	Sheet, 600mm x 300mm x 0.7mm, each	£44.63
841-1903	Sheet, 600mm x 300mm x 0.9mm, each	£31.89
873-2487	Sheet, 600mm x 300mm x 1.2mm, each	£43.70

GROUND FLAT STOCK - METRIC & IMPERIAL

- High quality tool steel fully annealed and free from carburisation
- Suitable for hardening with excellent dimensional stability and resistance to wear
- Conforms to BS4659: 1971 BO1
- Applications include gauges, punches, dies, jigs, templates, cams, machine parts etc.



447-8839	500mm x 10mm x 2mm	£7.82
682-179	500mm x 50mm x 3mm	£18.05
682-185	500mm x 50mm x 5mm	£22.85
682-191	500mm x 50mm x 10mm	£44.12

BRIGHT MILD STEEL ROD

- For general purpose use
- Easily machined and welded
- Suitable for case hardening and welding
- Supplied in 1m lengths
- To BS970:1983:080A15



770-399	6mm OD, lot of 25	£28.04
770-412	10mm OD, lot of 9	£19.07
770-428	12mm OD, lot of 6	£18.32
770-440	20mm OD, lot of 3	£30.52
770-456	25mm OD, lot of 2	£38.14
770-462	30mm OD, lot of 2	£45.77
770-484	40mm OD, each	£55.42
770-507	50mm OD, each	£76.29

BRIGHT DRAWN KEY STEEL

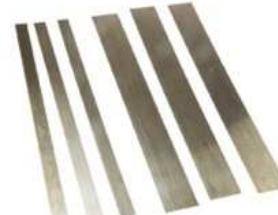
- Square Bar to BS46: Part 1 1958, BS4235: Part 1 1972
- Zinc and chromate passivated finish
- Supplied in 13in, (330mm) lengths
- Available in individual sizes or assorted packs



680-123	Assorted Key Stock Set, 330mm (7 pieces)	£20.10
681-514	Square bar, 330mm x 5mm x 5mm, lot of 8	£21.16
681-520	Square bar, 330mm x 6mm x 6mm, lot of 7	£21.99
681-536	Square bar, 330mm x 8mm x 8mm, lot of 5	£22.92
681-542	Square bar, 330mm x 10mm x 10mm, lot of 4	£23.79

SPRING STEEL STRIP - KIT

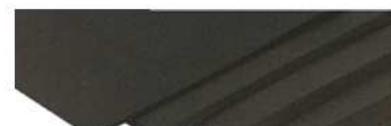
- Cold rolled, oil hardened and tempered and finished with polished surfaces and dressed edges
- Kit contains 1 strip of each size 0.01in, 0.015in, 0.018in, 0.02in, 0.022in
- Supplied in 12in lengths



314-0527		£18.06
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ETHYLENE PROPYLENE (EPDM) RUBBER SHEETING

- Water Byelaws Listed Grade
- Used in all applications involving cold potable water use
- Excellent resistance to weathering
- Temperature Range -40 to +100°C



840-5523	1.2m x 600mm x 1.5mm	£31.42
840-5535	1.2m x 600mm x 6mm	£97.66
840-5532	1.2m x 1.2m x 1.5mm	£62.88

NEOPRENE RUBBER

- Used in outdoor applications where resistance to atmospheric ageing sunlight and seawater are required
- Hardness IRHD 60°
- Density 1.4 g/cm³



506-3163	1m x 600mm x 1.5mm	£9.13
506-3157	1m x 600mm x 3mm	£18.26
506-3141	1m x 600mm x 6mm	£36.54
506-3107	1m x 1.2m x 1.5mm	£18.26
506-3208	1m x 1.2m x 3mm	£36.51

NEOPRENE SPONGE RUBBER

- A closed cell neoprene sponge offering good recovery
- Resistant to ozone, sunlight and atmospheric ageing



733-6753	1m x 2m x 1.5mm	£13.31
733-6757	1m x 2m x 3mm	£26.60
733-6766	1m x 2m x 6mm	£53.24
733-6769	1m x 2m x 10mm	£63.35
733-6763	1m x 2m x 20mm	£177.44

NEOPRENE CLOSED CELL SPONGE

- Flame retardant self-extinguishing
- Temperature Range -40°C - +80°C - constant
- Temperature range +100°C intermittent
- Density 170kg/m³
- 1m x 2m x 25mm



103-4059	£184.84	840-5539	£185.31
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SILICONE RUBBER

- Wide operational temperature range
- Good electrical insulation properties
- Good resistance to ozone and compression set



SILICONE SPONGE RUBBER

- Skin finish silicone sponge
- Resistant to UV and ozone
- Temp. Range -60°C - +200°C
- Density 0.25 g/cm³



NITRILE RUBBER SHEET

- Non suitable for fatty food
- Moderately resistant to acid
- Resistant to strong bases
- Abrasion resistance; moderately suitable
- 1.5m x 500mm x 6mm



770-2961	300mm x 300mm x 1mm, lot of 2	£28.44
365-6858	500mm x 300mm x 0.5mm, lot of 2	£23.71
770-2968	1m x 500mm x 1mm, lot of 2	£106.98
770-2977	1m x 1m x 1mm, each	£106.98
682-006	1.219m x 610mm x 1.5mm, each	£177.77

SOLID SILICONE RUBBER SHEET

- Wide operational temperature range
- Good electrical insulation properties
- Good resistance to ozone, oxidation, ultraviolet light, corona, discharge, cosmic radiation, ionizing radiation and weathering in general



840-5541	600mm x 600mm x 1.5mm	£27.24
878-8578	600mm x 600mm x 3mm	£43.79
878-8571	600mm x 600mm x 6mm	£98.70

303S31 STAINLESS STEEL ROD

- BSEN 10088-3
- Round Bar - BS970 Part 1 1983 303S31
- Austenitic stainless steel
- Contains additional sulphur to induce free machining properties



682-810	1m x 4mm diameter, lot of 5	£14.86
682-826	1m x 6mm diameter, lot of 5	£22.29
682-832	1m x 10mm diameter, lot of 5	£37.15
682-848	1m x 12mm diameter, lot of 5	£55.67
682-854	1m x 14mm diameter, lot of 2	£41.53
682-876	1m x 20mm diameter, lot of 2	£85.51
682-882	1m x 25mm diameter, each	£75.93
661-4674	1.5m x 3mm diameter, lot of 10	£18.42
661-4686	1.5m x 5mm diameter, lot of 10	£29.53
661-4680	1.5m x 6mm diameter, lot of 10	£35.44
661-4699	1.5m x 8mm diameter, lot of 5	£42.53
661-4692	1.5m x 10mm diameter, lot of 5	£59.05
661-4696	1.5m x 12mm diameter, lot of 5	£75.47
661-4706	1.5m x 16mm diameter, lot of 2	£85.86
661-4709	1.5m x 20mm diameter, lot of 2	£106.67
661-4703	1.5m x 25mm diameter, each	£101.60
661-4712	1.5m x 30mm diameter, each	£140.14

304S15 STAINLESS STEEL SHEET

- General purpose non-magnetic stainless steel possessing good weldability, formability and general corrosion resistance
- BS1449 pt 2 BSEN 10088-2 (2B surface finish)
- Excellent material for polishing



770-2961	300mm x 300mm x 1mm, lot of 2	£28.44
365-6858	500mm x 300mm x 0.5mm, lot of 2	£23.71
770-2968	1m x 500mm x 1mm, lot of 2	£106.98
770-2977	1m x 1m x 1mm, each	£106.98
682-006	1.219m x 610mm x 1.5mm, each	£177.77

316 STAINLESS STEEL BAR

- Austenitic stainless steels, highly resistant to corrosion due to their Molybdenum content
- Non-magnetic and suitable for applications such as photographic, food, chemical and marine equipment
- Properties C = 0.08 maximum, Ni 12.0, Cr17, Mo2.25
- Bar to EN10088-3/ EN10051



770-3598	304mm x 8mm x 7mm Rectangular Bar, each	£14.25
290-8754	2m x 25mm x 3mm Rectangular Bar, lot of 2	£34.60
770-3589	304mm x 6mm Square Bar, each	£11.46
770-3591	304mm x 8mm Square Bar, each	£16.28

316 STAINLESS STEEL ROD AND SHEET

- Austenitic stainless steels, highly resistant to corrosion due to their Molybdenum content
- Non-magnetic and suitable for applications such as photographic, food, chemical and marine equipment
- Properties C = 0.08 maximum, Ni 12.0, Cr17, Mo 2.25



661-4826	1.5m x 3mm diameter Rod, lot of 10	£25.55
661-4838	1.5m x 5mm diameter Rod, lot of 10	£46.14
661-4832	1.5m x 8mm diameter Rod, lot of 10	£67.75
661-4841	1.5m x 8mm diameter Rod, lot of 5	£56.76
661-4844	1.5m x 10mm diameter Rod, lot of 5	£85.16
661-4848	1.5m x 12mm diameter Rod, lot of 5	£118.48
661-4850	1.5m x 16mm diameter Rod, lot of 2	£105.80
661-4863	1.5m x 20mm diameter Rod, lot of 2	£170.33
661-4866	1.5m x 25mm diameter Rod, each	£130.20
559-199	Sheet, 500mm x 300mm x 0.5mm, lot of 2	£50.45
264-7241	Sheet, 500mm x 300mm x 1mm, lot of 2	£64.35
264-7263	Sheet, 500mm x 300mm x 1.5mm, each	£40.55
264-7279	Sheet, 500mm x 300mm x 2.5mm, each	£61.70
559-111	Sheet, 500mm x 300mm x 3mm, lot of 2	£62.04

316L STAINLESS STEEL TUBE

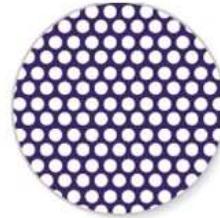
- Low carbon version of 316 quality stainless steel offers added resistance to weld decay
- Non-magnetic and suitable for applications such as photographic, food, chemical and marine equipment
- Properties C = 0.03 maximum, Ni 12.0, Cr17, Mo 2.25
- Seamless tube to ASTM A269/213
- Properties increased by cold working, maximum working temperature +300°C



661-4876	2m x 6mm OD x 3mm ID x 15mm, lot of 5	£191.55
661-4885	2m x 8mm OD x 5mm ID x 15mm, lot of 5	£205.35
661-4888	2m x 10mm OD x 7mm ID x 15mm, lot of 2	£83.84
661-4882	2m x 12mm OD x 9mm ID x 15mm, lot of 2	£89.28
661-4891	2m x 16mm OD x 13mm ID x 15mm, lot of 2	£95.81
661-4894	2m x 20mm OD x 17mm ID x 15mm, lot of 2	£119.76
661-4898	2m x 25mm OD x 22mm ID x 15mm, each	£74.85

GALVANISED STEEL

- Galvanised perforated sheet
- Can be painted after degreasing
- Selvedged border configuration
- 5mm/+10 mm on width and length
- Supplied in a pack of 2

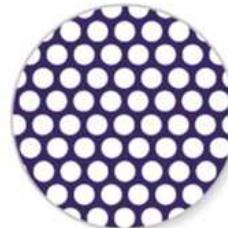


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817-432	2mm round hole, 500mm x 500mm x 0.7mm	£28.95
210-3678	2mm round hole, 1m x 500mm x 0.7mm	£52.82
447-5256	6mm hex A/F hole, 1m x 500mm x 0.7mm	£52.82
210-3729	6 x 6mm square hole, 1m x 500mm x 0.7mm	£52.82

RS PRO PERFORATED GALVANISED STEEL SHEET

- Can be painted after de-greasing
- 5mm/+10 mm on width and length
- Selvedged border on configuration
- Versatile with structural strength
- Supplied in a pack of 2

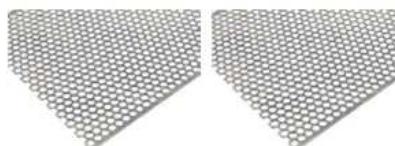


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919-0708	3mm Hole, 1m x 500mm x 1.5mm	£62.76
919-0698	3mm Hole, 1m x 500mm x 1.5mm	£61.46

STAINLESS STEEL 304

- Perforated Steel Sheet
- Selvedged border
- 5mm/+10 mm on width and length
- Supplied in a pack of 2



447-5284	1.2mm Holo, 500x500x0.7mm	£44.87
210-3779	2mm Hole, 1000x500x0.55mm	£108.56
182-8360	2mm Hole, 500x500x0.55mm	£54.30
210-3785	3mm Hole, 1000x500x0.55mm	£108.56
182-8382	3mm Hole, 500x500x0.55mm	£54.30
210-3791	4.8mm Hole, 1000x500x0.55mm	£108.56
182-8398	4.8mm Hole, 500x500x0.55mm	£54.30
210-3808	6.4mm Hole, 1000x500x0.55mm	£108.56
447-5262	6 mm Hex, Hole, 1000x500x0.55mm	£108.56
262-6121	6 mm Hex, Hole, 500x500x0.55mm	£54.30
210-3814	6 mm Hole, 1000x500x0.55mm	£108.56

SHIM KITS

- Carbon/Carbon Manganese to BS1449: Part 1
- Tolerance Up to and including 0.006, ±0.0006in
- Available in individual sizes (8 sheets per pack)
- Available in steel and plastic
- Kit 1 - contains blue, brown, green, orange, red, transparent plastic sheets
- Kit 2 - contains black, blue, green, grey, natural, orange red plastic sheets



680-145	Steel - Natural	£18.84
681-407	Kit 1	£14.96
770-816	Kit 2	£35.64

STEEL SHIM

- Full, cold rolled, carbon 1008-1010
- Rockwell Hardness: .070" thick RB84 Min.
- Meets AISI-1008/AISI-1010



340-6120	3mm Hole, 500x500x0.55m	£55.80
340-6192	6 mm, Hex Hole, 500x500x0.55m	£50.73
340-6186	6mm Hole, 500x500x0.55m	£55.80

518-918	2.5m x 150mm x 0.1mm	£30.41
518-879	2.5m x 150mm x 0.2mm	£27.58
518-863	2.5m x 150mm x 0.5mm	£35.21

STAINLESS STEEL SHIM

- Full hard, cold rolled, Type 302
- Rockwell Hardness: C40-45
- Meets SAE-30302, AISI-T302, ASTM A-666
- Ultimate Tensile Strength: 185,000p.s.i. min.



519-024	1.25m x 150mm x 0.05mm	£63.57
518-801	1.25m x 150mm x 0.1mm	£56.11
518-762	1.25m x 150mm x 0.2mm	£66.15
518-857	1.25m x 150mm x 0.25mm	£68.71
518-980	1.25m x 150mm x 0.3mm	£71.63
519-062	1.25m x 150mm x 0.4mm	£78.07
519-119	1.25m x 150mm x 0.5mm	£94.94
518-942	1.25m x 150mm x 0.8mm	£123.62

PRECISION PRECUT, STAINLESS STEEL SHIM

- Designed to help achieve accurate alignment
- Shaped to ensure an easy fit in non-corroding metal with no edges or sharp edges
- Exact thickness clearly marked on each shim
- Supplied in pack of 10.



831-983	100mm x 100mm x 0.1mm	£20.72
831-999	100mm x 100mm x 0.25mm	£21.79
832-009	100mm x 100mm x 0.5mm	£22.93
832-015	100mm x 100mm x 1mm	£30.69
832-021	100mm x 100mm x 2mm	£61.49
382-7870	100mm x 100mm x 3mm	£92.91
831-860	50mm x 50mm x 0.1mm	£10.94
831-876	50mm x 50mm x 0.25mm	£11.78
382-7729	50mm x 50mm x 0.2mm	£12.26
831-882	50mm x 50mm x 0.5mm	£12.64
382-7741	50mm x 50mm x 0.7mm	£17.37
831-898	50mm x 50mm x 1mm	£16.27
831-905	50mm x 50mm x 2mm	£29.11
831-927	75mm x 75mm x 0.1mm	£16.47
831-933	75mm x 75mm x 0.25mm	£19.01
831-949	75mm x 75mm x 0.5mm	£19.48
831-955	75mm x 75mm x 1mm	£22.28
831-961	75mm x 75mm x 2mm	£46.40

PRECISION SHIM KIT

- Exact thickness clearly marked on each shim
- Kit containing various shim thicknesses
- Replacement shims available (sold separately)
- Supplied in a foam lined protected storage case



484-6917	50 x 50mm, qty 50	£57.77
484-6939	100 x 100mm, qty 50	£103.19
484-6923	75 x 75mm, qty 50	£83.56
382-8019	Mixed dimensions	£754.15

SILVER STEEL RODS

- Tool steel to BS1407
- Controllers ground and polished
- Metric or Imperial sizes
- Applications include punches, dowels, mandrels, spindles, shafts, pinions, gauges



437-7203	1m x 10mm OD, lot of 3	£43.35
437-7196	1m x 12mm OD	£21.30
437-7168	1m x 16mm OD	£32.65
437-7152	1m x 20mm OD	£48.87
437-7146	1m x 25mm OD	£71.35
437-7067	1m x 6mm OD, lot of 4	£22.74
437-7073	1m x 8mm OD, lot of 3	£23.28
682-084	330mm x 10mm OD, lot of 4	£15.98
682-090	330mm x 12mm OD, lot of 3	£19.15
682-107	330mm x 15mm OD, lot of 2	£16.94
447-8930	330mm x 20mm OD, lot of 2	£29.81
447-8918	330mm x 30mm OD, each	£33.23
682-040	330mm x 3mm OD, lot of 50	£38.03
447-8902	330mm x 50mm OD, each	£84.03
682-056	330mm x 5mm OD, lot of 17	£30.53
682-062	330mm x 6mm OD, lot of 12	£26.00
682-078	330mm x 8mm OD, lot of 6	£15.29

NOMEX® TYPE 410 PAPER

- Calendared insulation paper offering high dielectric strength, mechanical toughness, flexibility and resilience
- Widely used in the majority of electrical equipment applications
- Flame retardant and high chemical and solvent resistant
- Density 0.8 g/cm²
- Supplied in lot of 5



775-7466	304mm x 200mm x 0.13mm	£17.74
775-7469	304mm x 200mm x 0.25mm	£28.28

MYLAR POLYESTER FILM

- Transparent / translucent general purpose polyester film
- High tensile, tear and impact strength
- Wide operating temperature range: -70°C +150°C
- Excellent resistance to moisture and most chemicals
- Supplied in lot of 5



785-0782	304mm x 200mm x 0.023mm	£18.85
785-0795	304mm x 200mm x 0.075mm	£5.75
785-0798	304mm x 200mm x 0.125mm	£22.77
785-0792	304mm x 200mm x 0.1mm	£20.69
785-0802	304mm x 200mm x 0.25mm	£27.44
818-3175	609mm x 1in diameter	£12.36
818-3178	609mm x 3725in diameter	£32.41
818-3184	609mm x ½in diameter	£9.20
818-3166	609mm x 2in diameter	£43.50
818-3172	609mm x 2½in diameter	£54.60

MICA FILM

- Outstanding electrical insulation at high temperatures
- Resists extreme high temperature cycles
- Can be easily cut or punched
- Environmentally safe and non-toxic
- Supplied in lot of 5



785-0815	304mm x 200mm x 0.25mm	£5.02
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NON-WOVEN HANDPAD

- Ideal for the removal of rust and corrosion from workpieces
- The double sided grit extends the pad life considerably
- Ideal for cleaning applications on most surfaces
- Can be used for aggressive scrubbing on stainless steel and aluminium without damaging the workpiece
- Coarse, medium and fine versions available
- Supplied in bag of 5



797-5970	Fine 230mm x 150mm x 8mm	£4.47
797-5989	Medium 230mm x 150mm x 8mm	£4.47
797-5986	Coarse 230mm x 150mm	£4.47

ALUMINIUM BAR - GRADE 6026

- Meets: 2000/53/CE-ELV – for the automotive sector
- Meets: 2002/95/CE-RoHS – for the electronics and electrical sector
- Applications include: hot forging, machined parts, hard or decorative anodising, electronic and electrical parts
- Supplied each



BATTERIES & CHARGERS



444 AUTOMOTIVE BATTERIES AND CHARGERS

444 ALKALINE BATTERIES

444 COIN & BUTTON BATTERIES

445 PIPPED & PCB LITHIUM BATTERIES

445 EMERGENCY LIGHTING BATTERIES

446 BATTERY HOLDERS

446 BATTERY PACKS

446 LITHIUM ION BATTERY PACKS

446 RECHARGEABLE BATTERIES

447 LEAD ACID BATTERIES & CHARGERS

RS PRO is the only global brand that gives you every part you need across five industry categories at the quality and price you expect.

BATTERIES

PANEL MOUNT LEAD ACID BATTERY CHARGERS

- Link selectable between float or cyclic charging
- Float or manual boost mode
- Auto 3 stage charger



482-2062	24V 3A	£123.10
482-2056	6/12V 5A	£128.85

SENTINEL SWITCH MODE BATTERY CHARGER

- Light and compact, power efficient with low heat dissipation
- Inline OEM-configuration gives optimized output for different battery types, plus programmable I/O functions
- For stationary engine, genset and standby power applications



885-3663	S150P 12V 5A panel mount	£72.49
885-3672	S150P 24V 5A panel mount	£82.84
885-3679	S300P 12/24V 10A wall mount	£345.87
885-3675	S300P 12/24V 10A panel mount	£238.17
885-3681	PC connection kit	£73.83

AUTOMOTIVE BATTERY CHARGER 12/24V

- Trickle and fast charging
- Large ammeter display
- Rocker switches control variable output to the battery to maintain peak condition.



771-6276	14A	£106.42
851-7492	28A	£143.50
851-7496	40A	£194.77

ALKALINE BATTERIES

- Long life alkaline batteries suitable for a wide range of applications
- Non-rechargeable



749-2623	N 10 pack	£6.10
744-2209	AAA 12 pack	£3.96
917-6581	AAA 20 pack	£6.20
789-2821	AAA 100 pack	£27.00
744-2199	AA 12 pack	£4.32
917-6588	AA 20 pack	£6.20
789-2828	AA 100 pack	£26.00
826-4432	C 15 pack	£12.90
826-4423	D 15 pack	£16.80
826-4435	9V 15 pack	£22.50

ALKALINE LANTERN BATTERY

- Nominal voltage: 6V
- Operating temperature: -18°C to 55°C



790-4681	790-4681	£12.01
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9V LITHIUM BATTERY

- Lasts up to 5 times longer than ordinary 9V alkaline batteries
- Operating temperature range -30°C to +85 °C
- High pulse current capability
- Non-rechargeable



784-5992	784-5992	£7.64
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ZINC CHLORIDE LANTERN BATTERY

- Extra life, high performance zinc chloride battery giving significantly longer life than zinc carbon
- Suitable for low drain, heavy duty use
- 6V



790-4690	790-4690	£3.44
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LITHIUM COIN CELLS CR SERIES

- Non-rechargeable lithium coin cells
- CR type suitable for intermittent high load applications
- Long shelf life
- Supplied in pack of 5



866-0653	CR1220	£3.85
866-0657	CR1616	£4.30
866-0666	CR1620	£4.75
866-0669	CR2016	£4.30
866-0663	CR2025	£1.60
866-0672	CR2032	£3.85
866-0675	CR2430	£6.90
866-0679	CR2450	£7.45

LR44 ALKALINE BUTTON CELL

- High capacity, non-rechargeable
- Wide temperature range
- Long storage life and long operational life
- 1.5V
- Supplied in pack of 5



775-7233

£2.40

PIPPED LITHIUM THIONYL CHLORIDE CELLS

- Low magnetic signature and superior resistance to atmospheric corrosion
- Operating temperature -60 °C to +85 °C



SR44 SILVER OXIDE BUTTON CELL

- Superior discharge characteristics in comparison to alkaline cells
- Good low temperature performance characteristics
- Good resistance to shock, vibration and acceleration
- 3.6V batteries supplied in pack of 5



593-423

£6.95

ZINC AIR HEARING AID BATTERY WITH EASYTAB

- Long tab for easy installation
- Lightweight, easy-to-open packaging
- Colour-coded by size
- Supplied in pack of 6



801-0721 PR41

£4.56

801-0730 PR44

£5.04

801-0727 PR48

£4.56

801-0733 PR70

£4.56

PCB AND AXIAL MOUNTING LITHIUM THIONYL CHLORIDE CELLS

- This range of cells uses either 3 pin tagged connections for permanent PCB connection or axial leads for easy prototyping and mounting on various PCB connection spacings

596-589	1/2 AA 3.7V	£5.49
778-1078	2/3 AA 3.6V	£5.40
596-602	AA 3.7V	£4.93
596-618	C size 3.6V	£11.66
596-624	D size 3.6V	£16.53



185-5643	1/2 AA 3.6V Axial	£4.98
593-473	1/2 AA 3.6V PCB	£5.46

9V LITHIUM THIONYL CHLORIDE BATTERY PACK

- Pack assembled from three 1/2 AA-sized (and UL-recognized) cells connected in series
- 1200mAh capacity
- Component cells with stainless steel container and hermetic glass-to-metal sealing
- Plastic sleeve for battery housing



778-1080

£9.14

EMERGENCY LIGHTING BATTERIES

- Available in various voltage options
- Suitable for use in many types of emergency lighting kits
- Long life nickel cadmium technology



125-3432	1.2V 5000mAh	£11.01
125-3434	2.4V 4000mAh	£18.54
125-3433	3.6V 4500mAh	£26.19
125-3442	4.8V 4000mAh	£30.04

NICD INDUSTRIAL BATTERIES

- Rechargeable
- Safe, long life operation



125-3445	3x 1.2V AA 700mAh pack Molex 5264 terminal	£17.10
125-3437	4x 1.2V AA 700mAh pack HB long terminal	£14.40
125-3427	10x 1.2V C 1800mAh pack Tag terminals	£45.87
125-3438	1.2V 2/3 AA 650mAh battery	£2.64
125-3439	1.2V SC 1800mAh battery	£4.32
125-3440	1.2V D 4000mAh battery	£7.01
125-3444	1.2V D 4500mAh battery HB terminal	£11.07

BATTERIES

NIMH HIGH TEMPERATURE EMERGENCY LIGHTING BATTERY PACKS

- AA cell packs designed for up to 10 years performance
- Optimised for high temperature environments
- Slim design taking less than half of equivalent NiCad size



917-5923	1.2V 1x AA	£9.51
917-5926	2.4V 2x AA	£14.54
917-5920	3.6V 3x AA	£21.26
917-5939	4.8V 4x AA	£27.55
917-5932	6.0V 5x AA	£32.86

BATTERY HOLDERS

- Keeps batteries organised and protected
- Withstands shock and vibration



611-9576	1x AA PCB mount	£0.32
611-9598	2x AA PCB mount	£0.38
512-3552	2x AAA	£0.75
512-3574	1x AA	£0.70
512-3580	2x AA	£0.70
594-628	4x AA	£0.78
489-021	9V block clip and lead	£1.08

NIMH BATTERY PACK

- Up to 3 times more capacity than NiCad battery
- Outperforms in a single charge an alkaline battery
- Rechargeable
- No memory effect on your devices



777-0374	5x AA 1300mAh 6V	£11.85
777-0403	5x AA 2000mAh 6V	£15.08
777-0406	6x AA 2000mAh 7.2V	£18.30
777-0371	10x AA 1300mAh 12V	£24.22
777-0400	10x AA 2000mAh 12V	£29.07
777-0387	10x D 7000mAh 12V	£184.77

LITHIUM CAMERA BATTERIES

- High safety and reliability
- High current pulse discharge capability
- Superior shelf life with minimal discharge



801-0724	CR11108	£3.27
801-0711	CR123A	£3.66
801-0715	CR2	£4.07

NIMH LOW SELF-DISCHARGE RECHARGEABLE BATTERIES

- Advanced low self-discharge NiMH technology to maintain charge during inactivity
- Able to maintain 80% charge for a 1 year period without recharging
- Higher Current Capabilities - ideal for high drain applications



LITHIUM ION BATTERY PACK

- High quality Li-ion battery
- Precise digital protection circuit built-in
- Ideal for use in high power torches
- 3.4V 2600mAh



NIMH BATTERIES

- Up to 3 times more capacity of an NiCad battery
- Outperform in a single charge to that of an alkaline battery
- Rechargeable 1.2V



611-8674	AA 1700mAh	£6.07
504-6067	AA 2000mAh	£6.87
476-2033	AA 2300mAh	£6.84
617-0773	AA 2600mAh	£8.32
611-8630	AAA 600mAh	£5.32
504-6051	AAA 800mAh	£5.88
617-0767	AAA 1000mAh	£7.27

905-3788	AA 2000mAh 4 pack	£6.97
905-3781	AA 2000mAh 8 pack	£13.70
901-2982	AA 2450mAh 4 pack	£8.91
905-3785	AAA 750mAh 4 pack	£8.08
905-3794	AAA 750mAh 8 pack	£14.70
901-2986	AAA 900 mAh 4 pack	£10.89

SEALED LEAD ACID RECHARGEABLE BATTERY

- 5 year standby design life
- Float or Standby use
- Excellent recovery from deep discharge



537-5422	6V 4Ah	£10.62
537-5444	12V 1.2Ah	£11.98
537-5450	12V 2.3Ah	£14.23
537-5472	12V 3.2Ah	£21.58
686-7253	12V 5Ah	£11.95
537-5488	12V 7Ah	£18.14
537-7305	12V 12Ah	£28.17
537-5494	12V 18Ah	£43.11
537-5501	12V 24Ah	£62.12
837-0978	12V 26Ah	£80.04
537-5517	12V 38Ah	£90.86
122-4862	12V 42Ah	£130.87
122-4863	12V 80Ah	£195.89

LEAD ACID GEL BATTERY

- Rechargeable
- Long storage time
- Good deep discharge resilience performance



883-8844	12V 17Ah	£96.21
883-8853	12V 26Ah	£103.24
883-8856	12V 30Ah	£121.96
883-8850	12V 38Ah	£133.26
883-8869	12V 60Ah	£178.41
883-8862	12V 65Ah	£210.06
883-8866	12V 96Ah	£255.19

NIMH/NICD BATTERY CHARGER

- 4x AA/AAA or one 9V
- 8 hour charge time
- LED charge status indication



800-3066 £8.23

LP-NORMAL AGM LEAD ACID BATTERY

- Uses oxygen recombination technology for maintenance-free use
- High quality AGM separator to extend cycle life and prevent micro short circuit
- ABS material to increase the strength of battery container



727-0391	12V 20Ah	£50.34
727-0394	12V 35Ah	£94.37
727-0408	12V 55Ah	£154.72
727-0439	12V 75Ah	£191.97

LI-ION SWITCHMODE PLUG TOP CHARGERS

- The charge control ensures that the batteries receive optimum charge with no overcharging thus maximising the life of the battery
- These units are approved for both medical and non-medical applications



793-4317	2 cell	£48.27
793-4326	4 cell	£46.41

4-10 CELL NICD/NIMH BATTERY CHARGER

- Universal input 100 to 240Vac
- Constant voltage, current limited
- Exchangeable primary adapters for most countries



793-4329 £45.53

LEAD ACID BATTERY CHARGERS

- 3 stage control (Fast/Normal/Floating)
- Full charge with automatic shutdown
- Supplied with dual UK and EU plugs



549-283	12V 2A	£33.80
549-344	12V 8A	£67.59
549-328	12V 10A	£68.65
549-261	12V 12A	£68.65
549-300	24V 2A	£33.80
549-316	24V 5A	£61.26
549-277	24V 7A	£67.59
549-322	24V 10A	£144.34
549-287	24V 25A	£238.47



**WHEN
SAFETY
MATTERS**



Minimise risks and stay compliant.

RS PRO have an expertly sourced range of products covering machine safety, electrical safety, PPE and site safety. From preventing accidents and reducing risks, to emergency response, we provide you with a wide range of products to keep your employees and business safe.



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450 WORKWEAR & PROTECTIVE CLOTHING

456 HEAD PROTECTION

457 KNEE PROTECTION

458 HAND & FOOT PROTECTION

463 FACE, EYE & EAR PROTECTION

466 ESD PROTECTIVE EQUIPMENT

471 CLEANROOM EQUIPMENT

473 SPILL CONTROL

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476 FIRST AID

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481 SECURITY



RS PRO is the only global brand that gives you every part you need across five industry categories at the quality and price you expect.

UNISEX WELDERS NAVY COVERALL

- Fire Retardant Cotton Fabric
- Stud Front Fastening



774-8305	40in regular	£39.44
774-8308	42in regular	£39.85
774-8302	44in regular	£39.44
774-8311	46in regular	£39.85
774-8314	48in regular	£39.85

WORK POLYCOTTON COVERALL

- Polycotton, 60% Polyester, 35% cotton 210g
- 50+ UPF fabric blocks 98% UV rays
- 6 Pockets including 2 chest pockets and 1 rule pocket
- Non-shrinking



124-8234	Navy, M	£19.58
124-8235	Navy, L	£19.58
124-8236	Navy, XL	£19.58
124-8237	Navy, XXL	£19.58

LIVERPOOL ZIPPED BOILER SUIT / COVERALL

- Fabric – Kingsmill 60% polyester, 35% cotton 245g
- 50+ UPF fabric blocks 98% UV rays
- Non-shrinking, Maintains shape with 8 Pockets & 2 Way front zip



124-8238	Navy, M	£21.74
124-8239	Navy, L	£21.74
124-8240	Navy, XL	£21.74
124-8241	Navy, XXL	£21.74

UNISEX BURNLEY BIB & BRACE

- 65% Polyester, 35% Cotton 254g, 50+ UPF rated fabric
- Straps and adjustable buckles for easy opening
- Elasticated back, Spacious pockets, Rule pocket
- Rear patch pocket, Zip chest pocket



125-1658	Navy, M	£22.96
125-1659	Navy, L	£22.96
125-1660	Navy, XL	£22.96

UNISEX LIGHT PROTECTION PP COVERALLS

- Ankles and cuffs are elasticated for extra protection
- Elasticated hood for total coverage
- CAT 1, Suitable for non-hazardous use only, such as packing, cleaning and warehousing operations



918-5179	White, S, pk 10	£16.00
918-5188	White, M, pk 10	£16.00
918-5181	White, L, pk 10	£16.00
918-5185	White, XL, pk 10	£16.00
918-5194	White, XXL, pk 10	£16.00

BUDGET PP COVERALLS

- Ankles and cuffs are elasticated for extra protection
- Elasticated hood for total coverage
- CAT 1, Suitable for non-hazardous use only, such as packing, cleaning and warehousing operations



894-8925	White, M	£2.01
894-8929	White, L	£2.01
894-8938	White, XL	£2.01
894-8931	White, XXL	£2.01
894-8916	Blue, M	£2.01
894-8919	Blue, L	£2.01
894-8913	Blue, XL	£2.01
894-8922	Blue, XXL	£2.01

ORANGE HI-VIS COVERALL

- Heavyweight fabric, Rugged design
- Hi-vis tape on, arms, legs, chest and shoulders
- Texpel finish repels dirt and stains
- Phone pocket, Side access pockets
- 80% Polyester, 20% Cotton 280g
- Industrial wash required



124-8214	S	£51.57
124-8215	M	£51.57
124-8216	L	£51.57
124-8217	XL	£51.57

HI-VIS CONTRAST BOMBER JACKET

- Weatherproof, Studded Storm flap, Zipped
- Detachable sleeves, Detachable fur lining & Detachable hood



918-6002	Orange/Navy, S	£49.95
918-6005	Orange/Navy, M	£49.95
918-6009	Orange/Navy, L	£49.95
918-6018	Orange/Navy, XL	£49.95
918-6011	Orange/Navy, XXL	£49.95
918-6015	Orange/Navy, XXXL	£49.95
918-5986	Yellow/Navy, S	£49.95
918-5989	Yellow/Navy, M	£49.95
918-5983	Yellow/Navy, L	£49.95
918-5992	Yellow/Navy, XL	£49.95
918-5995	Yellow/Navy, XXL	£49.95
918-5999	Yellow/Navy, XXXL	£49.95

HI-VIS TWO TONE FLEECE

- Zipped, Elasticated cuffs, Reflective tape marking
- Adjustable draw cord hem, Spring loaded toggles, 3 Pockets



918-6046	Orange/Navy, S	£28.97
918-6049	Orange/Navy, M	£28.97
918-6043	Orange/Navy, L	£28.97
918-6052	Orange/Navy, XL	£28.97
918-6055	Orange/Navy, XXL	£28.97
918-6024	Yellow/Navy, S	£28.97
918-6027	Yellow/Navy, M	£28.97
918-6021	Yellow/Navy, L	£28.97
918-6030	Yellow/Navy, XL	£28.97
918-6033	Yellow/Navy, XXL	£28.97

WATERPROOF HI-VIS BOMBER JACKET

- Studded Storm flap, Detachable hood
- Front zip, Taped seams & 2 pockets with flap closures



918-5964	Orange, S	£27.77
918-5967	Orange, M	£27.77
918-5961	Orange, L	£27.77
918-5970	Orange, XL	£27.77
918-5973	Orange, XXL	£27.77
918-5977	Orange, XXXL	£27.77
918-5942	Yellow, S	£21.39
918-5945	Yellow, M	£21.39
918-5949	Yellow, L	£21.39
918-5958	Yellow, XL	£21.39
918-5951	Yellow, XXL	£21.39
918-5955	Yellow, XXXL	£21.39

UNISEX HI-VIS SHORT SLEEVED T SHIRT

- Fabric – 100% Polyester, Birds eye Knit 150g
- 35+ UPF fabric blocks 97% UV rays
- Sports style



124-8210	Orange, S	£10.73
124-8211	Orange, M	£10.73
124-8212	Orange, L	£10.73
124-8213	Orange, XL	£10.73
124-8206	Yellow, S	£10.60
124-8207	Yellow, M	£10.60
124-8208	Yellow, L	£10.60
124-8209	Yellow, XL	£10.60

HI-VIS 4 IN 1 TRAFFIC JACKET

- Shell – 100% Polyester, 300D Oxford weave, PU Coated 190g Stain resistant finish
- Lining – 100% Polyester mesh 60g
- Do Not Dry Clean



918-5920	Yellow, S	£58.67
918-5923	Yellow, M	£58.67
918-5927	Yellow, L	£58.67
918-5936	Yellow, XL	£58.67
918-5939	Yellow, XXL	£58.67
918-5933	Yellow, XXXL	£58.67

HI-VIS MOTORWAY/TRAFFIC TROUSERS

- Elasticated waist & Adjustable hem
- Taped seams, Dual ID holder
- Wind-resistant, Rain-resistant
- Fully certified



918-5866	Orange, S	£18.04
918-5860	Orange, M	£18.04
918-5879	Orange, L	£18.04
918-5872	Orange, XL	£18.04
918-5876	Orange, XXL	£18.04
918-5885	Orange, XXXL	£8.69
918-5844	Yellow, S	£18.04
918-5848	Yellow, M	£18.04
918-5857	Yellow, L	£18.04
918-5850	Yellow, XL	£18.04
918-5854	Yellow, XXL	£18.04
918-5863	Yellow, XXXL	£18.04

UNISEX HI-VIS LONG SLEEVED POLO SHIRT

- 100% Polyester, Birds Eye knit 175g
- 50+ UPF rated fabric blocking 98% UV rays
- Generous fit, Comfortable
- Excellent in warm conditions



124-8193	Orange, S	£24.25
124-8194	Orange, M	£24.25
124-8195	Orange, L	£24.25
124-8196	Orange, XL	£24.25
124-8189	Yellow, S	£24.25
124-8190	Yellow, M	£24.25
124-8191	Yellow, L	£24.25
124-8192	Yellow, XL	£24.25

ORANGE HI-VIS BREATHABLE JACKETS

- Premium fleece collar
- Inside pocket
- Press stud and zip front

**HI-VIS MOTORWAY/TRAFFIC JACKET**

- All weather, Hard wearing
- Studded Storm flap with Storm cuffs
- Drawstring hood, Taped waterproof seams
- Hip pockets, Inside pocket with Mobile phone pocket
- Pack away hood



918-5888	Yellow, S	£21.39
918-5882	Yellow, M	£21.39
918-5891	Yellow, L	£21.39
918-5894	Yellow, XL	£21.39
918-5898	Yellow, XXL	£21.39
918-5908	Yellow, XXXL	£21.39
918-5901	Orange, S	£24.09
918-5905	Orange, M	£24.09
918-5914	Orange, L	£24.09
918-5917	Orange, XL	£24.09
918-5911	Orange, XXL	£24.09

HI-VIS JUNIOR/CHILDRENS VEST

- Front fastening, Hook and loop opening and closing
- Easy for children to use



124-8203	Yellow, S	£4.49
124-8204	Yellow, M	£4.49
124-8205	Yellow, L	£4.49

UNISEX HI-VIS BIB & BRACE

- Protects in wet environments
- 100% Polyester, 300D Oxford weave
- Prevents water penetration & includes 6 pockets
- Elasticated back panel
- Adjustable side opening
- Contracts panels protect against dirt



125-1654	Orange/Navy, S	£38.10
125-1655	Orange/Navy, M	£38.10
125-1656	Orange/Navy, L	£38.10
125-1657	Orange/Navy, XL	£38.10
125-1650	Yellow/Navy, S	£38.10
125-1651	Yellow/Navy, M	£38.10
125-1652	Yellow/Navy, L	£38.10
125-1653	Yellow/Navy, XL	£38.10

UNISEX HI-VIS LONG SLEEVED TWO BAND & BRACE JACKET

- Marking on arms, chest and back
- Hook and loop fastening
- Made from 100% Polyester



124-8200	Orange, S-M	£10.03
124-8201	Orange, L-XL	£10.03
124-8202	Orange, XXL-XXXL	£10.03
124-8197	Yellow, S-M	£10.03
124-8198	Yellow, L-XL	£10.03
124-8199	Yellow, XXL-XXXL	£10.03

UNISEX HI-VIS 2 BAND & BRACES WAISTCOAT

- Velcro, hook and loop closure at the front
- 5cm wide high reflective tape
- Various uses
- Fully certified



123-4316	Yellow, S	£4.78
123-4317	Yellow, M	£4.78
123-4318	Yellow, L	£4.78
123-4319	Yellow, XL	£4.78
123-4320	Yellow, XXL	£4.78

UNISEX ACTION SHORTS

- Twin stitched for added strength
- Elasticated waistband
- Zipped pocket, 9 Pockets including Phone pockets



124-8226	Black, M	£16.64
124-8227	Black, L	£16.64
124-8228	Black, XL	£16.64
124-8223	Navy, M	£16.64
124-8224	Navy, L	£16.64
124-8225	Navy, XL	£16.64

MENS COMBAT WORK TROUSERS

- Made from pre-shrunk Kingsmill fabric
- 6 Pockets, Side pockets
- 2 rear patch pockets



124-8218	Black, 32	£17.11
124-8219	Black, 34	£17.11
124-8220	Black, 36	£17.11
124-8221	Black, 38	£17.11
124-8222	Black, 40	£17.11

UNISEX HI-VIS WAISTCOATS

- Adjustable hook and loop fastening
- Fully certified



918-5838	Orange Waistcoat S-M	£4.75
918-5832	Orange Waistcoat L-XL	£4.75
918-5841	Orange Waistcoat XXL-XXXL	£4.75

CLASSIC POLO SHIRT

- Taped neck, Knitted collar
- Short hemmed sleeves, and shirt bottom
- 3 button neck opening
- Others colours available online



137-0066	Black, S	£8.15
137-0065	Black, M	£8.15
137-0064	Black, L	£8.15
137-0067	Black, XL	£8.15
137-0062	Black, XXL	£8.15
137-0082	Navy, S	£8.15
137-0081	Navy, M	£8.15
137-0080	Navy, L	£8.15
137-0083	Navy, XL	£8.15
137-0078	Navy, XXL	£8.15

OLYMPIC POLO SHIRT

- Knitted collar, Short hemmed sleeves
- shirt bottom with 3 button neck opening
- Self-coloured button placket
- Other colours available online



137-0101	Black, S	£6.63
137-0102	Black, M	£6.63
137-0103	Black, L	£6.63
137-0104	Black, XL	£6.63
137-0105	Black, XXL	£6.63
137-0112	Navy, S	£6.63
137-0113	Navy, M	£6.63
137-0115	Navy, L	£6.63
137-0116	Navy, XL	£6.63
137-0117	Navy, XXL	£6.63

UNISEX PREMIUM ZIPPED FLEECE

- Zip closure
- Anti-pilling polyester
- Elasticated cuffs
- Waterproof lined pockets
- Twin needle stitching
- Other colours available online



137-0138	Black, S	£17.54
137-0137	Black, M	£17.54
137-0135	Black, L	£17.54
137-0139	Black, XL	£17.54
137-0134	Black, XXL	£17.54

MENS CLASSIC WATERPROOF SOFTSHELL JACKET

- Front zip fastening
- Inner storm flap
- 4 Outer pockets
- 3 Inside pockets
- Other colours available online



136-9986	Black, S	£39.24
136-9985	Black, M	£39.24
136-9983	Black, L	£39.24
136-9987	Black, XL	£39.24
136-9982	Black, XXL	£39.24

MENS HEAVY COTTON T-SHIRT

- Taped neck and shoulders
- Designed with a classic fit & quarter-turned to eliminate the centre crease
- 100% cotton
- Other colours available online



137-0427	Black, S	£4.95
137-0426	Black, M	£4.95
137-0425	Black, L	£4.95
137-0428	Black, XL	£4.95
137-0424	Black, XXL	£4.95

UNISEX CLASSIC ZIP FLEECE

- Cadet collar
- Zip closure – self-coloured
- 2 Pockets
- Elasticated cuffs
- Twin needle stitching – seams and hems
- Other colours available online



137-0171	Black, S	£14.48
137-0170	Black, M	£14.48
137-0169	Black, L	£14.48
137-0172	Black, XL	£14.48
137-0168	Black, XXL	£14.48

UNISEX OLYMPIC SWEATSHIRT

- 50% Cotton and 50% Polyester
- Long sleeved, Cuffed – set in
- Ribbed neck and waist
- Twin needle stitching
- Coloured with a reactive dye – long lasting
- Other colours available online



137-0216	Black, S	£11.46
137-0217	Black, M	£11.46
137-0218	Black, L	£11.46
137-0219	Black, XL	£11.46
137-0220	Black, XXL	£11.46

LADIES CLASSIC FULL ZIP FLEECE

- Cadet collar
- Zip closure – self-coloured
- 2 Pockets
- Twin needle stitching – seams
- Other colours available online



137-0196	Black, S	£15.02
137-0195	Black, M	£15.02
137-0194	Black, L	£15.02
137-0197	Black, XL	£15.02
137-0198	Black, XXL	£15.02

UNISEX PREMIUM SWEATSHIRT

- 50% Cotton and 50% Polyester
- Heavyweight fabric
- Brushed effect
- Long sleeved
- Twin needle stitching
- Coloured with a reactive dye – long lasting
- Other colours available online



137-0248	Black, S	£13.89
137-0249	Black, M	£13.89
137-0250	Black, L	£13.89
137-0251	Black, XL	£13.89
137-0252	Black, XXL	£13.89

MENS SHORT SLEEVE SHIRT

- 65% polyester, 35% cotton
- Fabric weight – 105gsm
- With left breast pocket
- Machine washable at 40 degrees
- Other colours available online



137-0532	Black 14.5	£16.18
137-0533	Black 15.0	£16.18
137-0534	Black 15.5	£16.18
137-0535	Black 16.0	£16.18
137-0536	Black 16.5	£16.18
137-0537	Black 17.0	£16.18
137-0538	Black 17.5	£16.18

LADIES LONG SLEEVE BLOUSE

- Soft collar
- Rounded bottom hem
- Bust and back darts
- 65% Polyester, 35% Cotton
- Other colours available online



137-0589	Black 8	£18.02
137-0584	Black 10	£18.02
137-0585	Black 12	£18.02
137-0586	Black 14	£18.02
137-0587	Black 16	£18.02
137-0588	Black 18	£18.02
137-0627	White 8	£18.02
137-0621	White 10	£18.02
137-0622	White 12	£18.02
137-0623	White 14	£18.02
137-0624	White 16	£18.02
137-0626	White 18	£18.02

UNISEX THERMAL LONG JOHNS / TROUSERS

- Soft poly-cotton and fabric knitting fibres
- Cuffed hem / ankles
- Elasticated waist
- 50% Polyester, 50% Cotton



141-7731	Black, S	£9.45
141-7732	Black, M	£9.45
141-7733	Black, L	£9.45
141-7734	Black, XL	£9.45
141-7735	Black, XXL	£9.45
141-7736	White, S	£9.45
141-7737	White, M	£9.45
141-7738	White, L	£9.45
141-7739	White, XL	£9.45
141-7740	White, XXL	£9.45

UNISEX STANDARD LAB COAT

- Concealed ring stud front
- 3 Pockets, 2 lower patch and 1 chest
- Back vent, No shrinkage & Maintains shape



124-8229	S	£18.46
124-8230	M	£18.46
124-8231	L	£18.46
124-8232	XL	£18.46
124-8233	XXL	£18.46

BIB APRON WITH POCKET

- Dimension – length 86 cm, width 72cm
- Machine washable at 60 degrees
- Built in pocket with separate pen compartment
- 90cm ties
- Adjustable sliding buckle



137-0451	Black	£10.76
137-0452	Bottle	£10.76
137-0453	Navy	£10.76
137-0454	Red	£10.76
137-0455	Royal	£10.76
137-0456	White	£10.76

LADIES SHORT SLEEVE BLOUSE

- Soft collar
- Rounded bottom hem
- Bust and back darts
- 65% Polyester, 35% Cotton
- Other colours available online



137-0634	Black 8	£16.50
137-0628	Black 10	£16.50
137-0629	Black 12	£16.50
137-0630	Black 14	£16.50
137-0632	Black 16	£16.50
137-0633	Black 18	£16.50
137-0674	White 10	£16.50
137-0675	White 12	£16.50
137-0676	White 14	£16.50
137-0677	White 16	£16.50
137-0678	White 18	£16.50

THERMAL LONG SLEEVED T SHIRT

- Round necked
- Can be worn as an under garment
- 50% Polyester, 50% Cotton, Weight 200 g
- Allows skin to breathe



141-7741	Black, S	£12.74
141-7742	Black, M	£12.74
141-7743	Black, L	£12.74
141-7744	Black, XL	£12.74
141-7745	Black, XXL	£12.74
141-7746	White, S	£12.74
141-7747	White, M	£12.74
141-7748	White, L	£12.74
141-7749	White, XL	£12.74
141-7750	White, XXL	£12.74

3 POCKET APRON

- Dimension – drop 33cm, width 60cm
- Machine washable at 60 degrees
- 3 open pockets
- 90cm self-fabric ties



137-0457	Black	£8.86
137-0458	Bottle	£8.86
137-0459	Navy	£8.86
137-0460	Red	£8.86
137-0461	Royal	£8.86
137-0462	White	£8.86

MENS HI-VIS LONG SLEEVED SWEATSHIRT

- Round neck
- Ribbed hem
- Elasticated waistband and cuffs
- Knitted fabric with brushed backing



141-7751	Yellow, S	£21.73
141-7752	Yellow, M	£21.73
141-7753	Yellow, L	£21.73
141-7754	Yellow, XL	£21.73
141-7755	Yellow, XXL	£21.73
141-7756	Orange, S	£21.73
141-7757	Orange, M	£21.73
141-7758	Orange, L	£21.73
141-7759	Orange, XL	£21.73
141-7760	Orange, XXL	£21.73

UNISEX HI-VIS 1 BAND AND BRACE WAISTCOAT JACKET

- Reflective tape across the chest and shoulders
- Hook and loop front closure
- 100% Polyester



141-7761	Yellow, S/M	£4.75
141-7762	Yellow, L/XL	£4.75
141-7763	Yellow, XXL/XXXL	£4.75
141-7764	Orange, S/M	£4.75
141-7765	Orange, L/XL	£4.75
141-7766	Orange, XXL/XXXL	£4.75

UNISEX HI-VIS 2 BAND WAISTCOAT VEST

- Reflective tape across the chest and waist
- Hook and loop front closure
- Generous fit & Lightweight



141-7767	Yellow, S/M	£4.75
141-7768	Yellow, L/XL	£4.75
141-7769	Yellow, XXL/XXXL	£4.75
141-7770	Orange, S/M	£4.75
141-7771	Orange, L/XL	£4.75
141-7772	Orange, XXL/XXXL	£4.75

MENS HI-VIS MESH LINED FLEECE

- Fabric is anti-pill and durable
- Shell fabric is 100% Polyester
- Body lining is 100% Polyester mesh 60g
- Sleeve lining is 100% Polyester Taffeta 60g
- Front interactive zip
- Elasticated cuffs
- Elasticated waist with draw cord and toggle
- 3 Pockets, 1 internal patch pocket and 2 secure side pockets



141-7773	Yellow, S	£30.86
141-7774	Yellow, M	£30.86
141-7775	Yellow, L	£30.86
141-7776	Yellow, XL	£30.86
141-7777	Yellow, XXL	£30.86
141-7778	Orange, S	£30.86
141-7779	Orange, M	£30.86
141-7780	Orange, L	£30.86
141-7781	Orange, XL	£30.86
141-7782	Orange, XXL	£30.86

UNISEX HI-VIS ANTI-STATIC WAISTCOATS

- Flame resistant
- Premium flame resistant reflective tape – 5cm wide
- 2 Strips around the body and 1 over each shoulder
- Hook and loop fastening to the front
- Excellent for working in warm temperatures



141-7783	Yellow, S/M	£15.70
141-7784	Yellow, L/XL	£15.70
141-8162	Yellow, XXL/XXXL	£15.70
141-8163	Orange, S/M	£15.70
141-8164	Orange, L/XL	£15.70
141-8167	Orange, XXL/XXXL	£15.70

UNISEX HI-VIS WARSAW EXECUTIVE VEST WAISTCOAT

- Reflective tape marking – increased visibility
- Contrast panels for dirt protection
- Made from 100% Polyester
- Front zip opening
- Phone and pen holder pocket
- Radio loop allows the attachment of a radio
- 7 Pockets for extra storage
- Dual ID holder – portrait and landscape display
- D-Ring for keys or ID cards



141-8168	Yellow, S	£11.87
141-8169	Yellow, M	£11.87
141-8170	Yellow, L	£11.87
141-8174	Yellow, XL	£11.87
141-8176	Yellow, XXL	£11.87
141-8177	Orange, S	£11.87
141-8178	Orange, M	£11.87
141-8179	Orange, L	£11.87
141-8183	Orange, XL	£11.87
141-8292	Orange, XXL	£11.87

BACK SUPPORT BELT

- Durable and lightweight
- Manufactured from nylon
- Hook and loop fastenings for easy fixing
- Belt stretches for user



154-857	Medium	£23.21
656-7105	Large	£23.21

HEAD PROTECTION

ORIGINAL CUFFED BEANIE

- One size
- 100% Acrylic
- Soft touch
- Double layered knit
- Comfortable fit



137-0288	Black	£2.98
137-0289	Bottle Green	£2.98
137-0290	Graphite Grey	£2.98
137-0291	French Navy	£2.98
137-0292	Classic Red	£2.98
137-0294	Bright Royal	£2.98
137-0295	White	£2.98

ULTIMATE 5 PANEL CAP

- Contemporary style
- Rip-strap size adjuster
- Material – 100% Polyester



137-0280	Black	£3.79
137-0281	Bottle Green	£3.79
137-0282	Graphite Grey	£3.79
137-0283	French Navy	£3.79
137-0284	Classic Red	£3.79
137-0285	Bright Royal	£3.79
137-0286	White	£3.79

SAFETY BUMP CAPS

- Protects the head from scrapes & bumps
- ABS Shell
- Shock absorption
- Soft padded crown
- Hook and loop back adjuster
- Eight ventilation ports
- Made from 100% cotton, ABS, EVA



918-5668	Black	£9.38
918-5677	Navy	£9.38
918-5664	Blue	£9.38



241-7999	White	£8.76
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VENT COOL SAFETY BUMP CAPS

- Protects the head from scrapes & bumps
- ABS Shell
- Lightweight
- Excellent ventilation
- Made from cotton, mesh, ABS, EVA



918-5670	Black/Red	£11.24
918-5674	Grey/Orange	£11.24
124-8243	Red	£10.22

DISPOSABLE PP MOB CAPS

- Pleated
- Maximum head coverage
- Elasticated headband
- Durable
- Double stitching
- Secure
- Comfortable
- Bag of 500



918-6083	Blue	£13.42
918-6080	White	£13.42

SHORT PEAK BUMP CAP

- Protects the head from scrapes and bumps
- Ventilated
- Short peak: 3 cm
- Lightweight
- Better visibility
- Adjustable strap for customised fit
- Materials – 100% cotton, ABS, EVA foam



918-5680	3cm, black	£9.34
918-5699	3cm, navy	£9.34
918-5686	3cm, blue	£9.34

HELMET WINTER LINER

- For use with safety helmets
- 100% Cotton
- Protects in cold weather
- Insulating
- Can be used with a chin strap
- 4 hook and loop straps keep the liner secure to a helmet



124-8248	Black	£11.72
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KNEELING PAD/MAT

- Type 3
- EVA Foam
- Hand grip
- Lightweight
- Protects knees and back
- Protects from hard and dirty surfaces
- Quick and easy to use



918-6071	Kneeling Pad.	£4.32
918-6068	High Density Knee Pad	£7.23
918-6061	Lightweight Knee Pad	£7.27
918-6065	Super Gel Knee Pad	£13.08
918-6074	Ultimate Gel Knee Pad	£13.80
918-6077	Knee Pads.	£5.29

GRIPPER KNEE PADS

- Heavy duty, non-slip
- Non-marking cap prevents damage to work surfaces
- Sewn cap to prevent ingress of debris
- AltaLok™ buckle system designed to work in job/site conditions

**RUBBER KNEE PADS**

- Excellent cushioning for knee joints
- Non-skid surface prevents slipping
- Strong, fully adjustable webbing straps



465-9375		£21.43
154-841		£32.03

GEL KNEE PADS

- One size, gel filled
- Extra thick support round the knee
- Single neoprene strap prevents chafing
- Pneumatic gel injection held in 7 layers
- Keeps knee dry and protected
- Hardened cap allows easy swivel action



154-829 Orange £7.98

HEAVY DUTY KNEE PADS

- Lightweight
- Heavy duty durable plastic cap
- Allows wearer to swivel and slide with little resistance
- Two strong nylon, fully adjustable straps



154-851	£14.38	465-9369	£41.34	154-867 Black	£19.98
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INDUSTRIAL DUTY GEL KNEE PADS

- Durability combined with lightweight composition
- Perforated inner lining fabric takes away moisture
- Air injected gel combined with thick foam padding provides extra comfort
- Soft rubber cap designed to resist marring and skidding whilst providing traction

**KNEELING & SEATING MAT**

- Made from a CFC free polyurethane formula
- Strong exterior means the item has high tear resistance
- Ergonomic design



HAND PROTECTION



GENERAL PURPOSE POLYCOTTON COTTON GLOVE LINERS

- For general dry assembly / inspection
- Can also be used as an underglove
- Medium weight white cotton, knitted wrist
- 60 pairs



613-2327 9-M

£23.90

563-062 11-XL

£24.16

818-2863 10-L

£7.91

NYLON GLOVES

- Lint free for fine assembly/inspection
- Fouchette style for fit and comfort
- White knitted nylon with open cuff
- 50 pairs



613-2349 9-M

£33.76

547-6991 9-M

£81.69

GRAIN LEATHER DRIVER-STYLE GLOVES

- Features an elasticated safety cuff to keep the gloves safely in position
- Soft leather provides good grip and comfort and minimises hand fatigue



508-1379 9-M

£753

508-1391 10-L

£753

765-0084 9-M

£6.41

VYCHEM 400 - HEAVYWEIGHT RED PVC GAUNTLET

- Chemical Resistant PVC PVC-Coated Reusable Gloves
- Excellent resistance to abrasion and tear
- Pressure tested for integrity
- Actifresh® treated cotton interlock liner for additional comfort
- 1 bag of 3



STANDARD PATCH PALM RIGGER

- Reusable Cotton LeatherCoated
- 2" Reinforced pasted cuff
- 60 pairs



CHROME LEATHER PALM RIGGER GLOVES

- Canadian Pattern Furniture Hide Rigger Glove
- Cotton back
- Paste cuff
- Leather knuckle protection
- Bag of 5



BLACK RUBBER GAUNTLET

- Reusable Chemical Resistant Rubber
- Length: 45cm
- Ideal for chemical handling and cleaning



CHEMICAL RESISTANT LATEX, NEOPRENE REUSABLE GLOVES

- Duo-Mix 405 chemical resistant reusable gloves produced in blue and yellow
- Natural latex blended with neoprene
- Provide protection against chemicals and micro-organisms
- Highly dexterous due to material flexibility
- Non-slip textured finish for safe grip of slippery objects
- 1 bag of 10 pairs



CHEMICAL RESISTANT NITRILE REUSABLE GLOVES

- Ultranitril 485 Liquid-proof gloves made of green nitrile rubber
- Cotton flock lining
- Curved fingers and contoured palm
- Non-slip
- Recommended for persons sensitized to natural rubber proteins
- Length: 32cm
- Thickness: 0.38mm
- Bag of 12 pairs supplied



GENERAL PURPOSE NYLON POLYURETHANE-COATED REUSABLE GLOVES

- Ultrafine 548 Polyamide (nylon) knitted gloves with palm and fingers coated with black Polyurethane foam.
- Elastic knit wrist
- Popular and cost effective alternative to the Rigger Glove
- Textured external surface
- Length: 24 - 26cm
- Bag of 12 pairs supplied



475-693 9-M

£15.45

475-697 10-L

£15.45

GENERAL PURPOSE PU COATED POLYESTER GLOVES

- Flexible and close fitting glove allowing for precise work requiring extra dexterity
- Elasticated knit wrist improves comfort and fit
- Suitable manual handling glove for mainly dry indoor and outdoor working environments
- Bag of 10



869-1547 8-S

£11.11

869-1540 9-M

£11.11

869-1544 10-L

£11.11

GENERAL PURPOSE NITRILE COATED NYLON GLOVES

- Flexible and close fitting glove allowing for precise work requiring extra dexterity
- Elasticated knit wrist improves comfort and fit
- Suitable general purpose glove for dry indoor and outdoor working environments and oily or greasy environments
- Bag of 12



869-1578 9-M

£12.72

869-1572 10-L

£12.72

SPECIAL PURPOSE NYLON NITRILE-COATED REUSABLE GLOVES

- Comfortable fit which reduces hand fatigue, therefore increasing efficiency
- Long-lasting, hardwearing double coating
- Suitable general purpose glove for dry indoor and outdoor working environments and oily or greasy environments
- Bag of 12



869-1648 8-S

£33.90

869-1641 9-M

£33.90

869-1645 10-L

£33.90

LEATHER WELDING GLOVES

- Premium quality chrome leather (LW93)
- Welted Seams protect against thermal and mechanical discharge
- Thermal Lining improves comfort and contact heat protection
- Specifically designed for type A (Mig / Arc welding) and light mechanical handling
- Compliant with BS EN 12477 - Welding Standard
- Suitable for heavy duty thermal welding applications
- Length: 350mm



HAND PROTECTION

GENERAL PURPOSE COTTON LATEX-COATED REUSABLE GLOVES

- Textured palm for extra grip
- Ribbed knit wrist improves comfort and dexterity
- Good general manual handling glove
- Bag of 10



869-1531 8-S	£9.75
869-1534 9-M	£9.75
869-1538 10-L	£9.75

CUT RESISTANT LATEX-COATED CUT RESISTANT GLOVES

- EN388 Cut level 5 protection
- Perfect for working environments where there is a cut risk
- Water resistant
- Extra grip coating



WHITE GENERAL PURPOSE COTTON REUSABLE GLOVES

- All purpose
- 100% Terry cotton
- Palm and fingers are covered in PVC microdots
- Excellent grip
- Excellent flexibility
- Stitched details
- Standards CE Cat 1
- 18 Gauge Liner
- 1 bag of 12 pairs



869-1632 8-S	£5.84
869-1635 9-M	£5.84
869-1639 10-L	£5.84

POWDERED BLUE NITRILE GLOVES

- Lightly powdered for easy donning and sweat absorption
- Offers protection against contamination, dirt and potential irritants in low risk situations
- Textured fingertips for extra grip
- Rolled cuff for additional strength and prevention of liquid roll back
- AQL 4.0
- box of 100



GREY CUT RESISTANT POLYURETHANE-COATED CUT RESISTANT GLOVES

- EN388 Cut level 3 protection
- Perfect for working environments where there is a cut risk
- Lightweight dexterous glove



869-1626 8-S	£5.34
869-1629 9-M	£5.34
869-1623 10-L	£5.34

BLUE POWDER FREE DISPOSABLE VINYL GLOVES

- Lightly powdered for easy donning and sweat absorption
- Offers protection against contamination, dirt and potential irritants in low risk situations
- Textured fingertips for extra grip
- Rolled cuff for additional strength and prevention of liquid roll back
- AQL 4.0
- box of 100



BLACK POWDER FREE DISPOSABLE NITRILE GLOVES

- Soft with high elasticity for a comfortable and improved feel
- Textured fingertips to improve grip, offering maximum dexterity
- AQL rating: 15
- Medical Standard EN455 Class 1 Compliant
- box of 100



799-8917 7.5-M	£8.65
799-8926 8.5-L	£8.65
799-8929 9.5-XL	£8.65

WHITE DISPOSABLE CO-POLYMER GLOVES

- Fits as a second skin giving extraordinary touch sensitivity
- High ESD dissipation
- Hypo-allergenic material, no latex compounds
- High tensile strength, 305mm long beaded cuff
- box of 100



266-4274 9-L	£31.77
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UNIVERSAL BLUE PE DISPOSABLE SHOE COVER

- Multi-purpose, Multi-environments
- Prevents cross contamination
- Elasticated ankle strap, Safe
- Extra grip sole
- Slip reduction
- Box of 500



918-6096 One size fits all

£10.54

BLUE POWDER FREE NITRILE DISPOSABLE GLOVES

- Latex free
- Excellent protection
- Excellent dexterity
- Comfortable elasticated fit
- Reduces hand fatigue
- 15 AQL
- Box of 100



124-2031 8.5-L	£8.88
124-2032 7.5-M	£8.88
124-2033 6.5-S	£8.88
124-2034 9.5-XL	£8.88

POWDER FREE LATEX DISPOSABLE GLOVES

- Quality medical grade
- Polymer coating
- Rolled cuff, preventing liquid rollback with added strength
- 1.5 AQL
- Box of 100



124-2029 8-S

£6.07

124-2028 8.5-M

£6.07

124-2027 9.5-L

£6.07

124-2030 10-XL

£6.07

POWDERED LATEX DISPOSABLE GLOVES

- Excellent for extended use
- Absorbs sweat
- Industrial applications requiring product protection and PPE
- Light chemical use
- Food preparation (no vinyl)
- Paint spraying
- General assembly requiring dexterity
- 1.5 AQL
- Box of 100



124-2025 8-S

£5.76

124-2024 8.5-M

£5.76

124-2023 9-L

£5.76

124-2026 10-XL

£5.76

BLACK LEATHER PLAIN FRONTED GIBSON STYLE SAFETY SHOE

- 100% non-metallic
- Fibreglass toe cap
- Dual density outsole
- Composite midsole
- Laced



136-8759 Size 7	£35.21
136-8760 Size 8	£35.21
136-8761 Size 9	£35.21
136-8762 Size 10	£35.21
136-8763 Size 11	£35.21
136-8764 Size 12	£35.21

MENS BLACK LEATHER OHIO SHOE

- Composite toe plain front shoe
- Black smooth water repellent leather upper
- Totally non metallic
- Energy absorption of seat region
- Anti static dual density PU/PU outsole



462-613	Size 6	£38.99
657-1570	Size 7	£38.99
462-372	Size 10	£38.99

MENS BLACK LEATHER BROGUE CLASSIC STEEL TOE SHOE

- Steel toe men's classic brogue with midsole
- Black full grain water repellent leather upper
- Heat resistant rubber outsole (HRO) to 300°C
- Energy absorption of seat region
- Anti-static properties



462-568	Size 6	£41.86
462-562	Size 7	£41.86
462-552	Size 8	£41.86
462-556	Size 9	£41.86
462-603	Size 10	£41.86
462-534	Size 11	£41.86
462-524	Size 12	£41.86
266-1742 One size		£61.35

MENS BLACK SUEDE KICK SAFETY TRAINER

- Black cup sole trainer
- With steel toe cap and steel mid-sole
- Padded collar and tongue
- Rubber sole
- Oil and Chemical resistant
- Shock absorption



850-8515	Size 6	£47.70
850-8524	Size 7	£47.70
850-8527	Size 8	£47.24
850-8521	Size 9	£47.24
850-8530	Size 10	£47.24
850-8533	Size 11	£47.24
850-8537	Size 12	£47.70
266-1708 One size		£33.69

MOTION WATERPROOF SAFETY TRAINERS

- Light industrial protection
- Aluminium toe cap
- Composite mid-sole
- Fine moulded polyurethane upper
- Padded bellows, tongue and collar
- Breathable lining
- Phylon/rubber outsole
- Slip rating SRA



137-1878	Size 6	£53.68
137-1879	Size 7	£53.68
137-1880	Size 8	£53.68
137-1881	Size 9	£53.68
137-1882	Size 10	£53.68
137-1883	Size 11	£53.68
137-1884	Size 12	£53.68

CUP SHAPED RESPIRATORS

- Soft foam nose seal
- Adjustable nose bridge
- Twin elasticated head fitting band
- Comfortable
- One size fits all
- Disposable



918-5804	FFP1 Cup Shaped Respirator	£7.86
918-5822	FFP1 Fold Flat Respirator	£12.26
918-5813	FFP2 Cup Shaped Respirator	£10.24
918-5810	FFP2/N95 Valved Dolomite Respirator	£8.51
918-5826	FFP2 Fold Flat Respirator	£11.71
918-5816	FFP3 Cup Shaped Respirator	£14.43
918-5829	FFP3 Valved Dolomite Respirator	£15.31
918-5835	FFP3 Fold Flat Respirator	£22.53

ELASTICATED DISPOSABLE FACE MASKS

- Class 100 Cleanroom Compatible
- Non-woven fabric
- bag of 100



TIE UP DISPOSABLE FACE MASKS

- A vent which unfolds for off the face comfort without compromising filtration efficiency
- Greater flexibility and comfort
- Bag of 100



EAR DEFENDERS

- ABS cup
- PVC cushions
- Lightweight
- Robust
- ABS polystyrene material noise reduction
- Sound absorbing foam filters



918-5728	Red Classic band 27dB	£4.15
918-5721	Yellow Comfort band 28dB	£5.75

CLIP ON HELMET MOUNTED EAR DEFENDERS

- Large acoustic cups
- High impact polystyrene HIPS cup with PVC cushions
- Clip-on easy attach, Lightweight, Comfortable & Slim
- Adjustable to stand off position
- Compatible with Helmets PW50 and PW51



DISPOSABLE PU FOAM EAR PLUGS

- PU Durable foam
- Moulds to the contour of the ear
- Easy to insert and remove
- Protects the ear from hazardous noise
- Each pair in resealable hygienic polybags
- Bag of 200



918-5692 Pair	£19.87
918-5696 Corded Pair	£39.25

EYEWEAR STORAGE BOX

- Manufactured from strong ABS plastic
- Top opening prevents dust and dirt from entering the box
- Simple to fix to wall (screws included)
- Transparent lid



325-6149 Small: 236x120x120mm	£15.58
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EAR PLUGS & DISPENSER

- Surface or wall mounted
- Dispensing PU foam ear plugs
- Holds up to 5000 disposable ear plugs
- Fill with only uncorded ear plugs
- Quick and easy to use



918-5709 Ear plug dispenser	£60.13
918-5703 Ear plug dispenser refill pack 500 pairs.	£38.62

LENS CLEANING TISSUE

- Packaged in sturdy corrugated cardboard
- Easy dispensing with pull out bottom
- Built-in tab for hanging
- Used on various lens coatings
- Anti-static, Anti-fog, Safe & Effective
- Box of 100



918-5784 Individually wrapped	£8.86
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DISPOSABLE PU FOAM FOOD INDUSTRY EAR PLUGS

- Moulds to the contour of the ear
- Easy to insert and remove
- 37DB
- Box of 200



918-5706 Blue Corded Pair	£63.21
918-5787	£11.13

LENS CLEANING STATION

- Lens cleaning in one place
- Low lint and non-abrasive
- Safe on all lens coatings
- Anti-fog
- Anti-static



FACE, HEAD & EAR PROTECTION

ABS ENDURANCE SAFETY HELMET

- Vented
- Lateral deformation
- Lightweight
- Comfortable
- Cool to wear
- Easy to adjust even when wearing gloves



918-5658 White

£8.94

HDPE ENDURANCE SAFETY HELMET

- Shell helmet
- High density polypropylene
- 4 point plastic suspension harness
- Adjustable buckle
- Soft sweat band
- Lateral deformation



918-5655 Orange

£4.65

918-5646 Blue

£4.65

918-5636 Red

£4.65

918-5630 White

£4.65

918-5649 Yellow

£4.65

918-5642 Green

£4.65

POLYETHYLENE STANDARD VENTED HARD HAT

- Protects working at great heights
- Lightweight, Ventilated, Ergonomic shell
- Secure fit
- Six points ratchet adjustable harness
- Nylon suspension, Y chin strap & Comfortable



918-5661 Yellow

£8.50

PARTICULATE RESPIRATOR FILTERS

- Bayonet connection
- Protects against organic and inorganic gases and vapours
- Man-made fabric



918-5797 ABEK1 gas filter

£39.51

918-5800 ABEK1P3R combination filter

£46.38

WELDING FACE SHIELD

- Fiberglass welding face shield
- Welding lens glass not supplied and need to be ordered separately



790-2821 Fibreglass welding hand shield

£20.45

790-2815 Flip front welding helmet

£20.45

790-2827 Fibreglass welding face shield

£22.63

HALF & FULL MASK RESPIRATOR

- Half Mask: Durable, Flexible Thermoplastic rubber with dual bayonet filter
- (filters not included)
- Full Mask: Dual bayonet filter
- (filters not included)
- ABD filter holders
- Polycarbonate Visor
- Anti-fog, anti-scratch, anti-acid treatment
- Adjustable harness



918-5790 Half Mask

£13.91



918-5781 Full Mask

£80.47

WRAP AROUND GLASSES

- Polycarbonate
- Lightweight
- Flexible temple
- Protect against impacts
- Near total eye orbital seal
- Anti-scratch
- Spectacle cord



918-5756 Bronze £2.54
918-5747 Clear £2.54

SAFETY GOGGLES

- Designed for working in tough environments while being light & comfortable to wear for long periods
- Tough Polycarbonate lens within a flexible PVC frame
- Choice of either direct or indirect vented design
- CE Certified and EN 166 (1 B) + ANSI/ISEA Z87



918-5765 Direct vent Goggle £2.51
918-5769 Indirect vent Goggle £2.62

PROFILE SAFETY GLASSES

- Polycarbonate, Frameless
- Moulded nose bridge
- Brow Guard
- Soft rubber arms, Comfortable, Safe
- Stylish & Anti-scratch



918-5731 Amber £3.28
918-5737 Clear £3.28
918-5740 Smoke £3.28

CHALLENGER GOGGLES

- Indirect ventilated goggles with a wide panoramic lens treated with an anti-scratch coating
- The lens shape allows you to wear prescription glasses under the goggles
- Can accommodate a dust mask while wearing goggles
- CE Certified and EN 166 (1 B 3)



918-5778 Challenger goggle £5.37

PAN VIEW SAFETY GLASSES

- Single Polycarbonate wraparound lens – one piece
- Protects the front and sides of eyes
- Soft arm tips, with soft touch temples
- Rubber nose-bridge, Anti-scratch, Anti-fog
- Lightweight, Sporty design & Comfortable



141-8300 Clear Black £2.87
141-8298 Smoke Orange £2.87
141-8299 Smoke Black £2.87

ULTRA VISTA GOGGLES

- Panoramic field of vision with a class leading fit
- Polycarbonate lens with anti-fog and anti-scratch coating
- An additional goggle shield can be used giving you maximum face protection
- CE Certified
- Approved to: EN 166 (1 BT 3) and EN 170 (2C-1.2)



918-5771 Vented £6.96
918-5775 Unvented £9.38

CLEAR BROW GUARD / WELDING VISOR

- Polycarbonate visor with a brow guard made from impact resistant polypropylene
- The brow guard also includes a wheel ratchet adjustment system for easy use
- The visor provides you with complete face protection when drilling, cutting or sanding (mask recommended)
- EN 166 (1B/3B)



124-8244 Clear Visor £8.87
124-8245 Mesh Visor £10.30

FACE SHIELD PLUS

- Provides excellent front and side face protection
- Protects from molten metal splashes and hot solid fragments
- Clear polycarbonate visor with an aluminium edge complete with a ratchet adjustment providing a comfortable fit
- EN 166 (1 BT 3.9)



124-8246 Face Shield PLUS £11.77

ELECTROSTATIC PROTECTIVE EQUIPMENT



ESD COMMON GROUND POINTS

- Common point ground wires ideal for use on benches or with field service kits:
- Designed for grounding mats / laminates and operators to ensure no potential difference
- Supports ESD S20.20 and EN 61340-5-1 ESD control programme compliance



287-7486	Ground Point - 4.5m L 1Mohm	£10.45
129-4931	Ground Point - 1.0m L 1Mohm	£7.03
129-4947	Anti-static stud fix adaptor	£7.16

EARTH BONDING POINT PLUGS

- Designed to provide an easy to access common ground point via a protective earth in ESD protected areas
- Connects with earth conductor only - studs to earth pin resistance 0.8 to 1.2 megohms
- 2 megohms resistance stud to stud



122-9159	EU Plug - 2x10,1x4mm studs	£29.16
298-3878	UK Plug - 3x10mm studs	£12.84
298-3890	UK Plug - 1x10mm stud, 2 x 4mm skt	£22.67
392-157	UK Plug - 1x10mm stud	£11.92

ESD DISSIPATIVE TURNTABLE

- Excellent for working on heavy ESD sensitive assemblies
- Octagon shaped, made from galvanised steel with a durable 6.35mm thick conductive foam surface
- Only 25.4 mm high providing you with a flexible and accessible surface which has a weight capacity of 23kg
- Grounding contact provided and meets work surface requirements EN 61340-5-1



121-2709	Turntable - 318mm across flats	£68.57
121-2710	Turntable - 394mm across flats	£72.69

GROUND EARTH BONDING CORD

- EPA ground cords connect between ground points and the EPA ground facility
- The cord is insulated and the built-in socket fits a 10mm stud on a mat
- 1 megohm resistor is built into the socket
- Accepts up to two 4mm plugs from wrist straps to connect to ground and also has a 4mm banana plug termination



122-9153		£30.53
392-135		£25.76

ESD UNIVERSAL SNAP MOUNTING KIT

- Kit which allows you to provide a grounding path ensuring ESD protective materials and people have the same electrical potential
- The kit includes:
 - 10 mm Stud
 - 10 mm Socket
 - Threaded back washer
 - Conical nut
 - Long screw
 - Short screw
 - ESD common ground point label



122-9148	Universal snap kit, 10mm	£8.66
298-3957		£21.47

EARTH BONDING BOXES

- Fits under the bench
- Connects up to 3 elements of the EPA to ground
- Complete with 2m earth lead with spade terminals
- Moulded from ABS with rounded corners



DISPOSABLE HEEL GROUNDER

- Excellent for ensuring all personnel are grounded in ESD protected areas
- The dispenser is wall mounted with an anti-static coating and visible instructions
- Heel grounders with pressure sensitive adhesive (14x298mm) are available in packs of 100



EARTH BONDING POINT BOX

- Fits in the bench top
- Connects up to 3 operators to ground
- Complete with 2m earth lead with ring terminal
- Easy to fit using self adhesive pads



RACK BONDING POINT

- Easy to fit to rack or cabinet - only 25mm x 35mm in size
- Complete with isolated screw for earth connection
- 1 x 10mm male stud connection
- Supports ESD S20.20 and EN 61340-5-1 ESD control programme compliance



392-141	Antistatic easy to fit rack bonding point	£5.77
287-7492	Earth bonding bracket, 3x10mm stud	£16.84

PRESS STUDS

- Two part conductive Male and Female Studs
- Stud & Post Set - pack of 100



291-9596 10mm stud

£30.91

GROUNDING CORD

- A straight cord and a conical head with 1 megohm resistor
- The grounding wire's built-in 10 mm stud will connect the socket to an ESD safe mat and the low profile head prevents the cord from being accidentally knocked



798-9335 10mm Low Profile Ground Cord, 1 ohm, 4.5m

£13.69

COILED ESD CORDS

- High quality long life yellow coil cord with 10mm stud connectors
- Integral 1MΩ, 2MΩ or 4MΩ resistor
- Soft polyurethane strain relief



291-9489 Stud to stud cord, 1.8m L 2MΩ

£9.63

273-6717 Stud to stud cord, 1.8m L 1MΩ

£9.53

552-905 Stud to stud cord, 1.8m L 4MΩ

£10.94

273-6701 Stud to 4mm plug cord, 1.8m L 1MΩ

£9.99

552-898 Stud to 4mm plug cord, 1.8m L 2MΩ

£9.72

287-7391 Stud to 4mm plug cord, 3.6m L 2MΩ

£9.78

129-4969 Stud to stud cord, 1m L, 1MΩ

£11.73

129-4874 Stud to stud cord, 2m L, 1MΩ

£11.02

287-7470 Stud to stud cord, 180mm L, 1MΩ

£7.10

GROUNDING CORD FOR TURNTABLES

- Straight grounding cord - No resistor
- Cord diameter 2.5mm - 1m long
- Two connectors:
- 1 x M5 ring terminal
- 1 x 6.3mm by 0.8mm female spade terminal
- Suitable for connection to ESD turntables



123-5613 Grounding Cord for Turntable

£7.83

ESD WRIST STRAPS

- Excellent skin contact due to patented crocheted design
- Manufactured using jewellery quality stainless steel



552-882 Expandable Fabric Wrist Band £6.54

392-163 Adjustable Fabric Wrist Band £5.12

663-229 Adjustable Metal Wrist Band - Blue £22.07

787-3108 Adjustable Metal Wrist Band - Black £17.33

ANTI-STATIC HEEL GROUNDERS

- High quality long life heel grounders
- With or without 1MΩ resistor
- Comfortable and easy to fit
- Suitable for all flat shoe type



287-7565 Blue heel grounder - 0MΩ

£14.60

217-9265 Dayglow heel grounder - 1MΩ

£19.53

363-2931 Black with adjustable strap - 1MΩ

£8.87

340-7606 Non-marking with adjustable strap - 1MΩ

£13.26

466-8559 Nylon disposable heel grounder for shoe

£8.15

PORTABLE WRIST STRAP TESTERS

- Choice of two easy to use wristband tester designed to check that the wristband is working and is in good contact with the wearer's skin
- Terminals: 10mm stud and/or 4mm banana - 253-0727 also has post for croc clip
- LED indication and audible noise on pass
- Powered by single 9V PP3 battery and 4VDC test voltage



122-9143 4m - 750kΩ to 35MΩ £163.29

253-0727 4mm & 10mm stud - 750kΩ to 35MΩ £187.62

WRIST STRAPS AND CORDS

- Premium quality fabric or expandable metal wrist band and cord set with choice of terminations
- Fully adjustable wrist straps fits all sizes - 10mm stud
- Supports ESD S20.20 and EN 61340-5-1 ESD control programme compliance



287-7379 Adj. fabric + stud-4mm cord - yellow

£12.00

287-7414 Metal wrist + stud-4mm cord - yellow

£16.14

287-7420 Metal wrist + stud-stud - yellow

£16.14

287-7385 Adj. fabric + stud-stud - yellow

£14.60

787-3101 Metal wrist + stud-stud - black

£20.45

798-9275 Metal wrist + stud-4mm cord - black

£15.83

SURFACE RESISTANCE/RESISTIVITY CHECKER

- A resistivity checker and grounding test station which help test an ESD installation and an ESD control plan
- Resistivity checker has 10 resistance indicator lights and automatic test voltage selection
- Test station has both heel plate and wrist strap point, with instructions
- Supports ESD S20.20 and EN 61340-5-1 ESD control programme compliance



821-1264 Surface Resistivity Tester £312.45

733-996 Wrist band/heel grounder test station £203.70

ESD SAFE BOOTIE

- Keeps floor clean
- Easy to fit
- Ideal for both operators and visitors
- Groundable tab fits inside shoe or sock



340-7656

£41.19

ESD WASTE BINS & BAGS

- Pink ESD waste bags made from a low tribo-charging material and matching waste bins
- Bins are made of black conductive Polypropylene (PP) material and are 40 litre capacity
- Both items conform to EN 61340-5-1



125-2404 Pink ESD Waste bags 40 litre

£2.16

125-2403 Black Waste Bin 40 litre

£35.89

A4 ESD DOCUMENT HOLDERS

- Static dissipative PVC
- Blue with transparent front cover
- A4, with 2-hole flexible paper retention clips
- Embossed with 'ESD' and 'Recyclable' symbol



443-9840 ESD-safe clear binder

£25.09

733-952 ESD-safe document sleeve

£46.55

ANTI-STATIC WASTE BIN

- Produced from conductive polypropylene
- Diameter 285mm, Height 320mm
- Dissipative Polyethylene waste bags
- Complies to BS EN 61340-5-1:2007 and ANSI/ESD S20.20:2007 standards



815-7006 Conductive Waste Bin

£20.54

815-7000 Refuse Sacks

£89.11

ESD SAFE BRUSH

- Made from black conductive polypropylene, designed to absorb the charge generated and pass it to the ground
- For use in the electronics industry where traditional brushes can create undesirable static charge
- ANSI/ESD S20.20 1999, EN 61340-5-1



HEAT-SEALABLE STATIC SHIELDING BAGS

- Designed to protect ESD sensitive components and assemblies from all harmful aspects of static electricity
- Heat-sealable with a 3-layer buried 'metal' design offering a dissipative outer, anti-static inner
- Dimensions quoted are internal dimensions - packs of 100



182-8815 127x203mm

£15.23

287-7739 152x203mm

£21.95

182-8821 152x254mm

£20.54

182-8837 203x254mm

£27.51

287-8221 203x305mm

£32.08

287-7767 254x356mm

£40.26

415-6977 279x381mm

£56.02

387-6406 305x406mm

£49.97

415-6999 381x467mm

£75.90

287-7773 457x610mm

£109.36

182-8792 76x127mm

£8.29

ZIP-LOCKING STATIC SHIELDING BAGS

- Designed to protect ESD sensitive components and assemblies from all harmful aspects of static electricity
- Heat-sealable with a 3-layer buried 'metal' design offering a dissipative outer, anti-static inner
- Dimensions quoted are internal dimensions



431-9465 102x102mm 10 pack

£3.77

431-9538 102x152mm 100 pack

£33.46

431-9471 102x152mm 10 pack

£4.86

431-9544 152x203mm 100 pack

£51.27

431-9487 152x203mm 10 pack

£5.84

431-9550 254x305mm 100 pack

£70.82

431-9493 254x305mm 10 pack

£6.70

431-9566 305x406mm 100 pack

£88.01

431-9500 305x406mm 10 pack

£9.16

ANTI-STATIC GUSSETED BAGS

- Heavyweight 400 gauge material ideal for protecting finished goods such as CPU's and monitors etc.
- Film thickness 75 micron
- Gusseted design ideal for rectangular and square objects
- Made of Low Density Polyethylene (LDPE)



397-4291 300x500 x 650mm

£10.90

356-2179 460x610 x 630mm

£14.84

356-2191 460x750 x 1090mm

£23.99

397-4308 750x1000 x 1200mm

£21.33

ZERO STAT GUN

- Neutralises charges on insulators
- Pulling the trigger creates positive ions and letting it out creates negative ions
- Life expectancy 50000 operations
- Requires no batteries or power supply
- Complete with ion detector



ANTI-STATIC PINK BAGS

- Made from 75 micron soft texture and flexible Polyethylene
- Designed for non ESD sensitive components and assemblies
- Bags are blow-moulded with antistatic additives from Low Density Polyethylene (LDPE)



287-7868	100x155mm	£3.71
287-7874	152x203mm	£6.32
287-7880	152x229mm	£7.65
287-7919	205x255mm	£8.67
287-7903	205x305mm	£9.74
287-7925	254x356mm	£15.58
287-7931	305x406mm	£18.98
287-7852	75x125mm	£2.56

BLACK CONDUCTIVE BAGS

- Ideal packaging for tubes of IC's whilst components in an EPA
- Made from LDPE with carbon that protects contents from damage via electromagnetic wave and static
- This product can be heat sealed and offers medium level static protection
- Film thickness 75 micron



550-072	127x203mm	£1.32
550-117	406x508mm	£11.45

PINK ANTI-STATIC BUBBLE BAGS

- For packaging of non-ESD items within an ESD protected area
- Soft texture and flexible 75 micron material
- Ideal for the outer packaging of an already shielded product



356-2371	230x285mm	£40.78
356-2343	100x135mm	£21.17
356-2359	130x185mm	£24.68
356-2365	180x235mm	£35.10
356-2393	305x435mm	£66.79

ESD DISSIPATIVE CLEAR ZIP BAGS

- Stat-free bags are used for packaging ESD and sensitive items in an ESD protected area
- Bags include a low charging zipper and are puncture resistant to 14 lbs
- Printed with the ESD protective symbol, date and lot code



122-9154	100x150mm	£23.14
122-9155	150x200mm	£33.32
122-9156	200x250mm	£55.21
122-9157	250x300mm	£74.73
122-9158	75x125mm	£18.33

DISSIPATIVE PACKAGING TUBING

- Pink polyethylene packaging tubing conforms to IEC 61340-5-1 and supplied in 250m reel
- Dissipative low-turbocharging polyethylene

**CONDUCTIVE PCB HOLDER**

- Unique design uses raised studs to secure PCB
- Can be placed on a grounded surface
- Complete with cut-outs for carrying



550-016	Conductive PCB holder,353x254x14mm	£11.37
287-8079	L shaped PCB rack w/25 slot,273x210x83mm	£31.27
287-8085	L shape PCB rack w/25 slot,356x265x127mm	£32.93

CONDUCTIVE TRANSIT BOXES

- 200 craft single wall B flute design
- Lined with antistatic foam offering excellent mechanical protection
- Ideal for shipping ESD sensitive PCB's assemblies and components
- Complete with blank address label



233-496	175x127x38mm	£50.17
233-503	229x191x64mm	£45.66
539-227	267x216x64mm	£85.61
539-233	394x318x64mm	£148.01

ANTI-STATIC BUBBLE WRAP ROLLS

- Offers excellent protection to finished goods
- Ideal for the outer packaging of an already shielded product



628-1772	Large Bubble 0.5x25m roll	£25.34
356-2315	Small Bubble 0.5x50m roll	£25.76
628-1693	Large Bubble 0.75x25m roll	£33.45
639-1920	Small Bubble 0.75x50m roll	£34.52
628-1564	Large Bubble 1.5x25m roll	£60.02
356-2157	Small Bubble 1.5x50m roll	£61.28

ELECTROSTATIC PROTECTIVE EQUIPMENT



UNISEX WHITE ESD LAB COATS

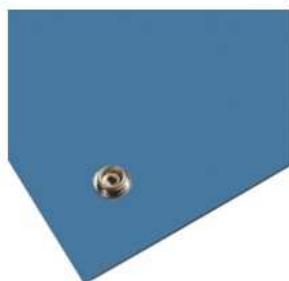
- Fitted with two side pockets and one breast pocket
- Closure buttons
- Complete with ESD symbol



789-8084	Small	£54.55
789-8087	Medium	£55.67
789-8081	Large	£55.67
789-8090	X Large	£54.58
789-8093	XX Large	£54.55

3 LAYER ESD VINYL

- 3mm thick bench or floor mat with a robust dissipative vinyl top and cushioned dissipative under layer
- Conductive centre layer
- Good lay flat properties
- Fitted with 10mm stud



466-1643	Blue - 600x1200mm	£41.47
466-1659	Grey - 600x1200mm	£41.47

ESD BENCH MATS

- Rubber Mat with soldering iron resistant surface
- Easy to clean and non-staining
- Supplied with 10 mm stud



787-3114	Black - 1.2m x 0.6m x 2mm	£24.13
122-9144	Blue - 1.2m x 0.6m x 1.5mm	£60.01
122-9145	Grey - 1.2m x 0.6m x 1.5mm	£60.01

CONDUCTIVE STORAGE BINS

- Specially designed and manufactured using antistatic, carbon conductive particles/fibres
- Designed for storage of small parts within the EPA
- Stackable, space saving, hygienic with smooth inside faces
- Supports ESD S20.20 and EN 61340-5-1 ESD control programme compliance



550-331	240x150x130mm - 5 pack	£38.30
550-319	100x90x50mm - 5 pack	£10.02
550-325	167x101x76mm - 5 pack	£17.06
121-8486	350x205x132mm - 10 pack	£137.00
121-8487	350x205x182mm - 10 pack	£219.00
121-8488	375x420x182mm - 5 pack	£180.00

ESD CABINETS WITH ESD DRAWERS

- Robust cabinet, shelves and drawers for use with an EPA
- Cabinet made from semi-conductive polypropylene (PP) and drawers high impact polystyrene (HIPS)
- Galvanised steel shelves



909-6978	24 x 170x69x40mm drawers	£107.14
909-6987	12 x 170x92x62mm drawers	£96.43
909-6984	24 x 170x92x62mm drawers	£136.46
909-6980	48 x 170x69x40mm drawers	£150.00

IC STORAGE BOXES

- Designed to store IC's and other small components
- Ideal for use in the field in stores and for transit
- Fitted with 6mm high dense foam in the base



420-1386	229x126x23mm	£10.23
550-886	111x86x17mm	£19.23
420-1409	229x126x42mm	£10.12
550-864	40x40x13.5mm	£16.24
550-870	77x55x19mm	£12.29
287-8091	89x64x16mm	£15.42

BENCH TOP IONISER

- A compact bench top ioniser using steady state DC auto-balancing ionisation with integrated closed-loop feedback
- Sealed "Thru-Tunnel" air flow design to neutralise charge in target area
- Less than 1.5 second 1000 V to 100 V discharge time at 30cm
- Includes emitter point cleaner pack and certificate of calibration - power cord not included and must be purchased separately



877-2466	220-240Vac	£601.06
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ANTI-STATIC FIELD SERVICE KITS

- Kit contents; high quality static dissipative mat (2 x 10mm male snap); adjustable wrist strap set; 4m ESD ground cord; black wide jaw crocodile clip; stacking banana jack/10mm stud adaptor; carry pouch
- Mat includes 2 pockets each 185mm x 285mm
- Surface resistance 10E6-10E8 ohms per IEC 61340-2-3



681-1231	Heavy duty field service kit	£84.15
681-1235	Lightweight field service kit	£65.35



443-9799	34m x 12mm	£5.30
443-9812	34m x 18mm	£7.42
443-9828	34m x 24mm	£7.90
443-9834	34m x 48mm	£13.19

DISPOSABLE CLEAN ROOM SHOE COVERS

- These Class 100 covers ensure there is no contamination in a controlled environment from footwear of visitors or maintenance staff
- The cover has a non-slip sole and is made of polypropylene
- One pack contains 10 Pairs



241-8015 £12.92

DISPOSABLE CLEANROOM GLOVES

- Latex gloves suitable for use in class 100 cleanrooms
- The gloves are 305mm long to ensure protection of the product, hypo allergenic and fit either hand
- Bag of 100



241-7949 Medium £28.77
241-7955 Large £28.77
266-1758 Extra Large £28.77

ANTI-STATIC FINGER COTS

- These finger cots are made from pink anti-static powder free natural Latex
- Ideal for free use of the hand with protection offered for the product from the fingers



266-1786 Small - 100 pack £5.47
266-2868 Medium - 100 pack £5.47
266-2874 Large - 100 pack £5.47
266-2896 Extra Large - 100 pack £5.47
241-8403 Medium - 720 pack £31.54
241-8425 Large - 720 pack £31.54
266-2903 Extra Large - 720 pack £31.54

CLEANROOM ROLLER AND REFILL

- 80mm wide non-woven tape gently and safely removes dust and dirt without disturbance
- Each roller comprises specifically designed tacky sheets which do not lint when torn off
- Ideal for cleaning PCBs and other flat components or surfaces



266-4347 Roller Handle & Refill £35.33
266-4224 Refill £20.68

CLEANROOM VINYL GLOVES

- Powder-free, 12" vinyl disposable gloves which are ESD-safe, and offer protection for processes in semi-conductor and micro-processing industries, automotive, aerospace, pharmaceutical and medical device manufacturers
- Ambidextrous for use on either hand



829-5158 Small, 100 pack £10.59
829-5152 Medium, 100 pack £10.59
829-5161 Large, 100 pack £10.80
829-5164 Extra Large, 100 pack £10.59

CLEANROOM A4 PAPER

- Blue tacky surface mat that can be used to trap dust or particles where paper is cut, folded or used



241-8087 A4 paper, 500/pack £49.17
241-8065 Cobalt blue tacky mat £66.79

CLEANROOM LINED NOTEBOOKS

- Choice of spiral-bound notebook or A4 technical paper specifically created for use in cleanrooms
- Anti-static properties help prevent build-up of static charge
- Produced and packaged in a controlled ISO5 cleanroom environment



829-5228 A4 Lined Notebook £13.85
829-5221 A5 Lined Notebook £8.66
829-5215 A4 Technical Paper Blue £10.59
829-5234 A4 Technical Paper Green £10.59
829-5219 A4 Technical Paper Pink £10.59
829-5212 A4 Technical Paper White £10.59
829-5225 A4 Technical Paper Yellow £10.59

CLEANROOM DRY WIPES

- A choice of durable and highly-absorbent cleanroom wipes with ultra-low lint
- Dry wipes: Double-knit 100% polyester heavy-weight wipes with laser-sealed edge
- Cellulose polyester: Hydro-entangled, non-woven wiping containing 55% cellulose and 45% polyester with sterile option



829-5133 9x9 Bulk packed, 150 wipes £23.97
829-5120 9x9 Flat 100 wipes £18.21
829-5149 7x7 Flat 200 wipes £21.11
829-5124 12x12 Bulk packed, 150 wipes £39.88
829-5136 9x9 Poly/Cellulose, 100 wipes £8.95
829-5130 9x9 Poly/Cellulose, 300 wipes £26.51
829-5142 12x12 Poly/Cellulose, 100 wipes £11.87
829-5146 12x12 Poly/Cellulose, Sterile, 100 wipes £16.44

CLEANROOM TACKY MATS

- Multi-layer clean-film adhesive layers that form mats to capture dirt or dust from shoes or equipment wheels entering a controlled environment
- The peel-off layers are numbered so it is easy to track how many remain for re-ordering purposes
- Smooth surface won't be damaged by wheels or shoes



829-5287 46x114cm White Tacky Mats £98.32
829-5281 46x114cm Blue Tacky Mats £100.29
829-5290 66x114cm White Tacky Mats £122.59
829-5293 66x114cm Blue Tacky Mats £121.39
829-5297 91x91cm White Tacky Mats £138.79
829-5307 91x91cm Blue Tacky Mats £140.19
829-5300 91x114cm White Tacky Mats £198.59

CLEANROOM EQUIPMENT

CLEANROOM MATERIALS

- Anti-static film, 0.015in thick in low density 100% polyethylene which is coated in a water-based adhesive.
- Cleanroom autoclavable paper with extremely low static build up and particulate generation. Latex free and chemical resistant.



829-5310	18" Film Roller	£58.09
829-5316	9" Film Roller	£71.77
829-5329	Roller Handle	£21.38
829-5199	Autoclavable Paper 85g - White	£23.26
829-5192	Autoclavable Paper 85g - Blue	£23.26
829-5206	Sterile Pens Black - 12 pack	£43.31

DISSIPATIVE TABLE RUNNER

- A dissipative dual layer rubber table runner that provides a work surface that does not generate a static charge.
- High strength nitrile rubber compound which is abrasion resistant, stretch, heat and flux/chemical resistant.



121-2713	0.6x15.2m - Blue	£359.74
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ANTI-STATIC HAND SPRAY

- A non-foaming anti-static fluid in an easy-to-use finger-pumped spray.
- Provides long-term protection; monthly applications are adequate even in the driest environments.
- Provides effective cleansing action to working surfaces and VDU screens.
- Non-flammable.



514-486	Anti-static hand pump spray,250ml	£5.64
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ANTI-STATIC FOAM CLEANER

- Effectively inhibits dust attraction.
- Suitable for glass and plastic C.R.T. screens and masks, instrument fascias, cases and cabinets.
- Harmless on all common plastics and finishes
- Supplied in 400ml aerosol



132-526	400ml aerosol	£3.18
265-5848	200ml aerosol	£3.80

DISPOSABLE LAB COATS & COVERALLS

- Designed for use within ISO5 cleanroom or laboratory environments.
- Fluid resistant with superb particle control.
- Ideal for use in manufacturing environments including; Medical device, Microelectronics, Pharmaceutical, and Aerospace.



829-5237	Lab coat, Medium	£3.75
829-5231	Lab coat, Large	£3.83
829-5240	Lab coat, X large	£3.83
829-5243	Coverall, Medium	£4.88
829-5247	Coverall, Large	£4.88
829-5256	Coverall, X Large	£4.88

CHARGE BUSTER OVERHEAD IONISER

- Shrouded blade fan design with steady state DC ionisation.
- Auto-Feedback System (audible and visual alarm through single tri-colour LED).
- 3 Position Fan Speed: Low, Medium, High.
- Replaceable Emitter Pins.



877-2469	Overhead Ioniser - 120/220Vac	£912.32
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BLUE DISSIPATIVE BOTTLES

- Fitted with a genuine Menda pump for easy, one-handed operation.
- Embossed with the ESD protective symbol.
- Each pump operation dispenses approximately 2 ml of liquid.



798-9332	Anti-splash pump dispenser,240ml (8oz)	£14.53
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EPA FLOOR MARKING TAPE

- Ideal for marking out the floor area of the EPA.
- Includes the ESD logo and text.



340-7533	EPA floor marking tape,66mx50mm	£15.67
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ANTI-STATIC PACKAGING TAPE

- Self-adhesive PVC ESD packaging tape ideal for sealing secondary packaging.
- Text reads 'ATTENTION, ATTENZIONE, ACHTUNG' with ESD logos.



MAINTENANCE SPILL RESPONSE KIT

- Mobile maintenance spill response kit, a great alternative to a fixed spill station
- 4 locking wheels with drop fronted case providing easy access to kit contents
- Economical pads included



136-7566 600L

£1,084.13

CHEMICAL SPILL RESPONSE KIT

- Mobile chemical spill response kit, a great alternative to a fixed spill station
- 4 locking wheels with drop fronted case providing easy access to kit contents
- Superior pads, socks, bags and ties - Ad-Blue compliant



136-7569 900L

£1,559.08

CHEMICAL SPILL KITS

- Spill kits are ideal for a rapid response to chemical spills or leaks
- Kits are designed for single use application and contents is tailored to spill type



771-6462 15 litre chemical spill kit

£25.80

771-6507 120 litre chemical spill kit

£221.24

776-9712 120 Litre chemical Refill Kit

£163.82

771-6513 240 litre chemical spill kit

£403.49

771-6493 70 litre maintenance spill kit

£63.90

771-6516 240 litre maintenance spill kit

£315.43

771-6480 35 litre oil spill kit

£49.47

771-6503 120 litre oil spill kit

£208.09

771-6519 240 litre oil spill kit

£315.43

OIL ONLY SPILL SOCK

- Excellent absorbency and fluid retention
- Size: 75 cm x 1.2 m
- Lightweight making it easy to deploy
- Absorb 4 litres of fluid per sock



MAINTENANCE SPILL SOCK

- Maintenance Spill sock with extra thick outer skin for excellent fluid retention
- Size: 75 cm x 1.2 m
- Absorb more than 5 litres of fluid per sock



80 LITRE OIL-ONLY SPILL KIT

- Fast response spill kits for reacting to spills and leaks in the workplace
- Each kit includes absorbing pads and socks selected to absorb the type of spilled fluid
- Neat, self-contained kit ideal for locating in spill-prone areas or on vehicles



STANDARD WEIGHT CHEMICAL PAD

- Absorb most hazardous chemicals
- Perforated, suitable for minor spills
- Scuff resistant cover stock
- Absorbency 0.9 litres per sheet
- Size 48 x 38 cm



771-6399	Pad 18L Capacity - 20 pack	£20.31
771-6386	Pad 90L Capacity - 100 pack	£58.54
872-5744	Heavy Duty Chemical Pads, 38x48cm x 20	£23.23
872-5738	Standard Duty Chemical Roll, 48cmx40m	£72.75
872-5732	Standard Duty Chemical Roll, 90cmx40m	£49.50
872-5741	Heavy Duty Chemical Pads, 38x48cm x 100	£75.75

ABSORBENT STANDARD WEIGHT MAINTENANCE PAD

- Standard Weight Maintenance pads with open back for quick wicking
- High tensile strength spun bond cover stock prevents lint sticking to machine parts and tools
- Absorbency 0.9 litres per sheet
- Size 48 x 38 cm



771-6406 75cm x 1.2m

£49.36

872-5760 80 Litre Oil Only Spill Kit - Plastic Bin

£102.15

872-5754 50 Litre Maintenance Spill Kit - Vinyl Bag

£59.80

872-5763 80 Litre Maintenance Spill Kit-Plastic Bin

£93.85

872-5776 80 Litre Chemical Spill Kit - Plastic Bin

£125.09

872-5777 50 Litre Chemical Spill Kit - Vinyl Bag

£84.21

771-6392 Pad 18 L Capacity - 20 pack

£16.65

771-6373 Pad 90 L Capacity - 100 pack

£45.22

771-6395 Oil Only Pad 18 L Cap. - 20 pack

£15.58

771-6377 Oil Only Pad 90 L Cap. - 100 pack

£41.70

ABSORBENT MAINTENANCE ROLLS

- rolls & pads Ideal for walkways
- Choice of absorbency and size



771-6409	Basic Roll, 48cm x 40m	£51.51
872-5704	Standard Duty Roll, 48cmx40m	£56.57
872-5713	Standard Duty Roll, 90cmx40m	£106.36
872-5710	Heavy Duty Roll,48cmx40m	£87.82
872-5729	Heavy Duty Roll,90cmx40m	£149.99
872-5716	Heavy Duty Pads,38x48cm x 20	£18.13

ABSORBENT OIL ONLY ROLL

- Perforated for multiple applications
- Suit mechanical engineering workshops
- Perforated to facilitate variable requirements
- Absorb 180 Litres
- Size 48cm x 40m



771-6402	Oil only roll, 48cm x 40m	£67.08
872-5726	Roll, 48cmx40m	£82.42
872-5722	Pads,38x48cm,20 Pack	£16.16

4 DRUM WORK FLOOR

- 4 drum polyethylene tray will safely contain up to 300 litres of split liquid
- Safe working load capacity up to 2000 kg
- Compatible with most chemicals, guide available online



771-6541	4 Drum Work floor	£246.41
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PALLET PLATFORM RAMP

- A polyethylene pallet ramp designed for moving drums or bunding onto pallets safely, quickly and efficiently
- Fits most trolley widths
- Material is resistant to low and high temperatures



SPILL TRAY & PLATFORM

- This polyethylene spill tray with internal grate is designed to contain any split fluids within the spill tray
- The main tray is black and can be used with or without the highly visible yellow removable platform
- Non-slip platform surface, easy to clean
- Material is resistant to UV and chemicals



893-0369	20 litre SpillTray with grate	£71.44
893-0366	30 litre SpillTray with grate	£85.51
893-0378	40 litre SpillTray with grate	£104.23
893-0381	60 litre SpillTray with grate	£149.12
893-0388	100 litre SpillTray with grate	£195.01
893-0362	20 litre SpillTray	£43.28
893-0375	30 litre SpillTray	£50.84
893-0372	40 litre SpillTray	£61.53
893-0384	60 litre SpillTray	£73.00
893-0397	100 litre SpillTray	£137.65

ELECTRICAL INSULATING MATTING, CLASS 2

- Provides safety for operatives against electrical shocks
- Ribbed Surface offers traction under foot
- Resistant to acid, oil and low temperature
- Manufactured with colour coded tape to depict the classification on the reverse of the matting



790-2988	1m x 10m x 4mm	£685.69
790-2997	1m x 1m x 3mm	£99.05
790-2990	1m x 2m x 3mm	£195.30
790-2994	1m x 10m x 4.5mm	£964.78
790-3007	1m x 1m x 4.5mm	£131.47
790-3000	1m x 2m x 4.5mm	£245.14
819-9108	1m x 10m x 3mm, Class 0	£500.49
819-9101	1m x 1m x 3mm, Class 0	£91.22
819-9105	1m x 2m x 3mm, Class 0	£181.55

ANTI-SLIP TAPE

- Abrasive grit "anti-slip" products with self adhesive backing gives additional grip underfoot on smooth surfaces
- Hard wearing, easy to install on floors steps, ramps, machinery, vehicles and boats



762-1503	Black 25mm x 18.3m	£24.74
762-1506	Black 50mm x 18.3m	£45.96
762-1500	Black 102mm x 18.3m	£97.38
762-1519	Black 152mm x 18.3m	£144.87
762-1525	Black/Yellow 50mm x 18.3m	£52.09
762-1516	Black 152mm x 610mm 10pk	£53.52

FORKLIFT SAFETY CAGE

- Provides safe working access for 2 people with tools and equipment
- Inward opening gate secured with spring tension latch
- Non-slip steel floor with lip
- Fork aperture 184 x 83mm. Secured by 2 safety pins behind heel of fork
- Complies with Health & Safety guidance notes PM28
- Fitted with hook on tool box (455 x 205 x 210mm)
- Width over forks: 990 x 990 x 1040mm



251-823 Forklift safety cage, 250kg load

£1,026.67

TWIST LOCK KARABINER

- Steel alloy construction
- 23mm opening



729-3127 Auto Lock Karabiner

£18.20

MINI REEL ARREST BLOCK

- Upper snap hook for attachment to anchor point
- Webbing snap hook
- Webbing retractor enclosed
- Identity label
- Weight 1.5kg



729-3098 Arrest Block & Lanyard

£85.80

**FULL BODY HARNESS**

- Comfortable & easy to fit
- Size: M - XL
- Manufactured from Polyamide / Polyester webbing
- Identity label
- Complete with bag



729-3101 1.8m Lanyard + 2 Karabiners

£45.55

729-3108 Body Harness and 1.8m Lanyard

£97.28

FIRST AID

EMERGENCY EYEWASH EQUIPMENT

- A complete range of emergency eye injury response kits and stations
- Portable carry case options, and wall mountable stations
- Sterile eyewash available separately to top up stations



562-873	Sterile Eyewash, 500ml bottle	£14.93
499-2048	Eyewash Kit - Wall Mounting	£48.65
168-131	First Aid & Eyewash point 1-10 persons	£55.36
787-3518	First Aid & Eyewash Kit, Medium	£49.86
787-3509	First Aid & Eyewash Kit, Small	£38.24
787-3524	Eyewash Panel with Mirror	£23.93
787-3527	Sterile Eyewash Pods, 25 x 20ml	£17.54
787-3521	Sterile Eyewash, 500ml bottle	£5.90
787-3530	Eyewash Pod Dispenser	£35.09
787-3537	Wall bracket for Eyewash	£8.14
787-3533	Sterile Eyewash, 500ml, Pack of 2	£27.14
787-3546	Emergency Eyewash Station	£144.62

BURNS DRESSINGS AND GELS

- Cools the burn and soothes pain
- Dressings are gel soaked and prevent contamination
- Pre cooling not required (BS8599)
- Ideal for treating superficial and partial thickness burns



787-3640	Burn Stop Gel Bottle, 5x50ml pack	£8.67
787-3656	Burn Gel, Pack of 6 x 4g Sachets	£3.22

FIRST AID TRAVEL KIT

- A tough, nylon first aid kit for use on the move to deal with minor incidents
- Belt loop and easy to carry - 16 x 12 x 5cm
- Includes plasters, bandages, large dressing, wound cleansing wipes and sterile gloves



764-552	First Aid Belt Pouch	£12.14
787-3678	Box of 6	£10.52

VEHICLE FIRST AID KITS

- First aid kits, ideal for the car, in either a 'soft' or hard' case - suitable for minor incidents
- Extinguisher kit includes 600g BC Powder fire extinguisher



367-0911	Nylon case, 50 pcs Kit	£18.22
499-1326	Plastic case, 50 pcs Kit	£21.67
787-3464	Travel Kit - 1 person	£11.69
787-3473	Fire Extinguisher Kit - 1 Person	£29.97
787-3476	Truck and Van Kit	£11.92

ALCOHOL HAND RUB DISPENSER

- 70% alcohol hand gel kills 99.9% of all bacteria
- No need to wash after use
- Contains hand friendly moisturisers, emollients and special skin protection
- Pump dispenser



168-103	500ml Dispenser	£6.46
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BS8599 FIRST AID KITS

- Fully stocked BS8599 compliant wall mountable kits
- Sturdy hinged case - highly visible
- 787-3498 is supplied in a compact vinyl zip wallet
- Brackets available: 787-3445 for small and medium kits, 787-3448 for large kit



787-3492	Small	£31.90
787-3502	Medium	£42.54
787-3505	Large	£54.24
787-3498	Small, Zipped Wallet	£15.51

FIRST AID KIT REFILLS

- Refill kit components help reduce re-stock costs & time
- Can be used as purchased or to upgrade or expand standard kits
- Complete range of re fill items for all first aid kits



787-3451	1-10 Person	£15.21
787-3454	1-20 Person	£17.89
787-3458	1-50 Person	£22.67

FOIL BLANKET

- Insulation for accident casualties, ideal for treatment of shock
- Hypothermia cases can be wrapped in the blanket
- Radiant heat reflectance
- Folded size compact: 10x6cm, unfolded: 210x130cm



STERILE DRESSINGS

- Sterile wound dressings provide initial protection from infection
- Pad cushions unmedicated protect the wound and absorb fluids
- Strong bandage holding dressing securely
- Vital for any first aid kit



787-3549	Medium, Pack of 6	£5.61
787-3543	Large, Pack of 6	£8.96

SHARPS DISPOSAL BINS

- Safely and hygienically manages the disposal of sharps
- Non toxic when incinerated
- Strong secure bins



787-3625	1 litre	£3.57
787-3628	4 Litre	£4.06
901-1440	7 Litres	£7.25

RESUSCITATION KIT

- Resuscitation shield with one way valve reduces cross infection
- Non sterile pre-powdered vinyl gloves
- Velcro closing key fob



787-3684	Pouch, Face shield & Gloves	£7.29
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POCKET FACE MASK

- One way valve with membrane preventing cross infection
- Protective case



787-3688	Pocket Face Mask	£23.16
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STERILE WIPES

- Ideal for wound cleansing
- Individually wrapped
- Alcohol free aqueous solution

**787-3707** Sterile Wipes - Pack of 100

£9.31

FABRIC PLASTERS

- A box of 100 high quality, hypoallergenic plasters
- Individually wrapped and sterile
- Comfortable stretch fabric sticks easily to body parts
- Breathable



168-119	Fabric 7.2 x 2.5cm - 100 pack	£11.40
168-092	Blue Waterproof - 100 pack	£12.03
787-3565	Pink Waterproof - 100 pack	£11.69
787-3577	Fabric - 100 pack	£5.74
787-3580	Blue, Metal Detectable - 100 pack	£12.85
901-1416	X Ray Detectable - Box of 95	£15.13
901-1422	Barrier Waterproof - Box of 120	£18.72
901-1434	Classic Fabric - Box of 126	£14.39
787-3603	Salvequick Plaster Dispenser + Plasters	£35.09
787-3600	Salvequick Plastic Refill, 6 x 45 pack	£35.79
787-3606	Salvequick Fabric Refill, 6 x 40 pack	£35.79
787-3612	Salvequick Metal Detectable, 6 x 45 pack	£34.45

DELUXE FIRST AID KITS

- Statutory first aid kits in shatterproof ABS cases
- Quick release wall brackets
- Carrying handle
- Clear contents dividers
- Rubber, dust and moisture seal



367-0977	Small - 10 persons	£25.27
367-0999	Large - 50 persons	£70.33

FOAM IMPACT PROTECTION

- Highly visible black and yellow multi-use protectors ideal for protecting people, vehicles or equipment in warehouses, factories, parking and industrial areas
- Available in angled or straight configurations with choice of opening sizes
- Acid and grease resistant
- Made of EVA (ethylene-vinyl acetate)
- Fire classification: M4



840-0596	Angle 1m x 100 with 50mm opening	£61.05
840-0590	Angle 1m x 150 with 75mm opening	£81.32
840-0616	Angle 750 x 300mm with 25mm opening	£20.27
840-0600	Straight 1m x 100 with 50x15mm opening	£61.05
840-0603	Straight 1m x 100 with 75x15mm opening	£81.43

WALL PROTECTION PADS

- Highly visible, multi-use, flexible wall protection pads ideal for protecting people, vehicles and equipment in warehouses, factories, parking and industrial areas
- Includes 3M double-sided adhesive tape for fixing direct to surface
- Resists petroleum-based products, acid and grease
- Made of NBR (nitrile butadiene rubber)
- Fire classification: M4



840-0613	Wall Protection, 1.5mx1mx20mm	£71.18
840-0619	Wall Protection, 5mx300mmx20mm	£71.18
840-0607	Shock Absorber 1000x150x80mm	£41.64

EXTINGUISHER COVER

- Manufactured from reinforced PVC for strength and durability
- Viewing window to identify extinguisher type
- Extinguisher size up to 9kg/9 litre max.
- Weight of cover: 0.25kg



523-073 £24.79

EXTINGUISHER STANDS

- Manufactured from red glass reinforced polyester resin
- Free standing and highly visible
- Off the floor storage



523-077 Single stand £51.86
523-099 Twin stand £75.15

NO ADMITTANCE SIGNS

- Self Adhesive Vinyl (SAV) or 1mm rigid PVC



863-508 SAV 'No admittance' 400x300mm £7.25
863-312 PVC 'No admittance' 400x300mm £10.11

NO SMOKING SIGNS

- Environmentally friendly and durable
- 1.2mm Polypropylene
- Compliant with the relevant UK and EC legislation
- Self-adhesive vinyl - easy to peel and apply



763-1746	SAV No Smoking, 100x100mm, pk 5	£11.27
763-1724	PP 'No smoking, No eating' 300x300mm	£17.02
763-1601	PP 'No smoking', 400x300mm	£16.53
763-1771	PP 'No smoking', 210x297mm pk 6	£18.07
763-1749	PP 'It is against law', 210x148mm	£6.00

NO ADMITTANCE/PARKING SIGNS

- Environmentally friendly and durable
- 1.2mm Polypropylene
- Compliant with UK and EC legislation
- SAV = Self Adhesive Vinyl - easy to peel and apply



763-2023	SAV 210x148mm - No Admittance Sign	£4.72
763-1862	PP 420 x 297mm - No Admittance Sign	£16.75
763-1866	PP 210x148mm - No Admittance Sign	£6.96
763-1875	No Parking Sign	£20.64

EMERGENCY STOP SIGNS

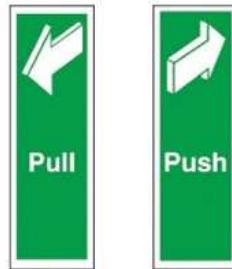
- Red or green background
- White text
- Vinyl (SAV) or 1mm rigid PVC
- Guaranteed to comply with the relevant UK & EC legislation



492-0734	SAV 75x55mm green	£6.29
492-0740	SAV 200x150mm green	£11.81
433-5811	SAV 200x150mm red	£12.81
434-2033	SAV 75x55mm red	£5.87

DOOR SIGNS

- Push/pull signs
- 1.2mm Polypropylene
- Self Adhesive Vinyl



763-1954	SAV sign 'PULL', 150x50mm pk 6	£3.07
763-1957	SAV sign 'PUSH', 150x50mm pk 6	£3.07
763-1951	SAV sign 'Push bar to open', 75x600mm	£7.36

FIRE EXTINGUISHING SIGNS

- Fire equipment codes
- Help identify fire extinguisher codes
- 1.2mm Polypropylene



763-1856	PP 'Know your code', 250 x 300mm	£15.80
763-1822	PP 'CO2 CARBON DIOXIDE', 280x90mm	£6.35
763-1960	SAV 'CO2 CARBON DIOXIDE', 280x90mm	£3.24
763-1831	PP 'Dry Powder', 280 x 90mm	£5.72
763-1989	SAV 'Foam Extinguisher', 280 x 90mm	£3.24

DANGER SIGNS

- White background – warning message in bold colour and lettering
- Various sizes available
- Can be hung, glued or pasted as required



917-5419	200x150mm Plastic 'Danger 11000V'	£5.95
917-5406	200x150mm Plastic 'Danger 240 volts'	£5.95
917-5403	200x150mm Plastic 'Danger 415 volts'	£5.95
917-5412	200x150mm Plastic 'Danger 440 volts'	£5.95
917-5421	200x150mm Plastic 'Electric Shock'	£5.95
917-5434	200x150mm Plastic 'High voltage'	£5.95
917-5440	200x150mm Plastic 'Warning 11000V'	£5.95
917-5437	200x150mm Plastic 'Warning 230V'	£5.95
917-5431	200x150mm Plastic 'Warning 400V'	£5.95
917-5409	200x150mm Vinyl 'Danger 240 volts'	£4.08
917-5415	200x150mm Vinyl 'Danger 440 volts'	£4.08
917-5392	200x150mm Vinyl 'Dangerous Chemicals'	£4.08

WARNING LABELS

- Self adhesive
- UK & EC legislation compliant



396-4840	SAV 'Warning,head',200x150mm	£15.22
261-0930	SAV WARNING Asbestos ,33mx50mm	£14.31
864-444	SAV 'Danger',50x50mm	£10.58
763-1572	PP 'Caution,Warning',300 x 250mm	£14.22
763-1516	PP 'CCTV in Operation', 400 x 300mm	£17.24
763-1544	SAV 'Danger 240 volts',210x148mm	£5.28
763-1711	PP 'Danger Live wires',150 x 300mm	£9.57
763-1765	PP 'Protective Clothing',210x148mm	£7.73
763-1660	PP 'Warning...hot water',70x50mm	£12.04
763-1872	PP 'Warning...reception',300x500mm	£20.64
776-0948	Electric Flash Symbol,25x25mm	£9.66
776-0967	Electric flash symbol,50x50mm	£20.75
776-0951	Danger Isolate Sign,40x60mm	£5.44

WALL CHARTS

- Detailing employer responsibilities
- Can be screwed to walls, doors, equipment
- Effective communication of vital information and procedures



711-176	PVC 'THE ELECTRICITY....1989'	£18.49
763-2130	PVC 'Health and Safety Law'	£26.50
823-3677	COSH Wallchart	£25.00
823-3671	Dangerous substances	£25.00

FIRE EXIT SIGNS & ACTION NOTICES

- The basic elements of fire safety
- Rectangle or square shape
- Provide clear indication of escape routes and exit doors
- Guaranteed to comply with the relevant UK & EC legislation



235-1186	PVC label 'Fire exit '+left arrow+man	£7.72
235-1192	PVC label 'Fire exit '+right arrow+man	£7.72
231-4452	SAV label 'Fire exit '+right arrow+man	£6.53
370-1116	SAV label 'Fire exit '+right arrow+man,L	£14.56
231-4468	SAV label 'Fire exit '+down arrow+man	£6.53
338-1655	PVC label 'Fire exit' left+man,lum	£13.76
370-1318	SAV label 'Fire exit' right-man,150x300mm	£3.90
370-1469	PVC sign 'Fire exit down+running man',L	£14.56
370-1762	SAV label 'Fire exit Keep clear',lum	£13.10
763-1825	PP sign 'Fire exit Keep clear',150x450mm	£11.59
559-495	SAV label 'Fire door...shut',100x100mm	£16.61
763-1979	SAV sign 'Fire escape...clear',210x148mm	£4.24
763-1834	PP sign 'Fire action',210 x 148mm	£6.96
763-1888	PP sign 'Fire action', 210 x 148mm	£6.96
763-2033	SAV sign 'Fire action',210 x 148mm	£4.24
763-1963	SAV sign 'Fire action',210x148mm	£4.72

MANDATORY INSTRUCTION SIGNS

- Self Adhesive Vinyl (SAV), PVC or polycarbonate
- Suitable for internal or external use
- UK and EC legislation compliant



763-1639	PP 'Ear protectors...worn',600x450mm	£27.40
763-1688	SAV 'Eye protection,worn',210x148mm	£5.28
763-1670	PP 'Eye protection,worn' 210x148mm	£6.96
763-2005	SAV 'Protective footwear',210x148mm	£4.72
763-1884	PP 'Foot protection...worn'	£27.68
763-1761	PP 'High visibility...area'	£24.91
763-1686	PP sign 'High Visibility',210x148mm	£10.15
562-378	SAV 'Wear ear protectors',200x150mm pk 5	£12.01
157-8548	SAV 'Wear Eye protection',50x150mm pk 5	£3.77
763-2017	SAV 'Wear gloves',210x148mm	£4.72
763-1768	PP 'Wear Mask', 210 x 148mm	£7.73
763-1702	SAV sign 'Now wash,hands', 210 x 148mm	£5.85
763-1869	PP 'Sound horn', 400 x 300mm	£19.16
763-2020	SAV 'Stop machine',210x148mm	£4.72

VINYL FLOOR STICKERS

- Vinyl floor stickers warning signs;
- Warn of specific hazards
- Floor mounted
- Excellent long term indoor use
- Non-slip and self adhesive



136-6407	Forklift Truck 500mm	£26.85
136-6413	Caution Forklift Operating	£26.85
136-6410	Pedestrian Route 500mm	£26.85

WARNING LABELS

776-0954	Warning hot water, 70x60mm	£2.29
776-0982	Caution hot, 200x100mm	£15.31

ELECTRICITY HAZARD/WARNING SIGNS

- vinyl self adhesive labels
- Suitable for outdoor and indoor use
- Used on control panels or interior electrical devices



776-0936	240 V a.c. Hazard , 20x60mm	£2.73
776-0942	415V a.c. Hazard , 20x60mm	£2.73
776-0932	Disconnect Supply Hazard ,20x60mm	£2.73
776-0958	Earth Warning, 25x25mm	£9.53
776-0939	Earth warning,12.5x12.5mm	£3.67
776-0973	Wiring regulations ,55x75mm	£3.25

ELECTRICITY HAZARD/WARNING SIGNS

- Vinyl self adhesive labels
- Suitable for outdoor and indoor use
- Used on control panels or interior electrical devices



776-0964	Danger 415 Volts , 200x150mm	£15.31
776-0986	Danger...voltage , 200x150mm	£15.31
776-0995	Danger...risk , 200x150mm	£15.17

LOCKOUT TAGS

- A useful visual management tool to help with error-proofing operations
- Produced from hard PVC
- Hard-wearing, durable and versatile



792-4509	Lockout Tag "Do not operate"	£8.94
792-4502	Lockout Tag "Do not switch. Maintenance"	£8.94
792-4506	Lockout Tag "Do not switch on"	£8.94
792-4515	Lockout Tag "Do not switch off"	£8.94

SIGNS & LABELS

FIRST AID GUIDANCE POSTERS

- Provides essential first aid and safety information for both first aiders and non first aiders
- Fully updated with the latest guidance, resuscitation and practice techniques
- Dimensions: 59x42cm



787-3729	Electric shock	£11.17
901-1365	Electric Shock /Australia	£12.29
901-1387	Personal protective equipment	£12.29
901-1399	Electrical safety guidance	£12.29

BLACK/YELLOW PAPER ESD LABEL

- Self adhesive ESD warning labels
- Designed for use on products and on packaging
- 1000 labels per roll



364-3571	"ATTENTION",18x36mm	£16.67
211-1225	"ATTENTION",38x75mm	£21.53
364-3587	"ATTENTION",25x45mm	£20.48

ESD SELF ADHESIVE LABELS

- Paper self adhesive labels
- Warms against damage to ESD sensitive devices



125-2362	Hand reach logo,25x25mm	£14.67
125-2363	Hand reach logo,50x50mm	£22.47
364-3616	EARTH GROUNDING POINT,36mm dia	£26.48
364-3593	ATTENTION,25x45mm	£18.84
364-3638	ATTENTION,50x150mm	£2.46
364-3622	EARTH BONDING POINT,25x45mm	£19.90

SAFETY POSTERS

- Raise awareness of dangers
- Self adhesive, rigid or tactile options.



211-1196	Rigid poster 'ESD...area',150x300mm	£8.95
211-1180	Self adhesive poster,150x300mm	£10.15
513-3650	Amenities tactile sign 150x150	£22.62

SCAFFTAG® KIT

- Allows a complete, safety management system
- Allows the tracking, usage, maintenance and inspection status of equipment



668-1144 Scafftag kit

668-1141	Standard insert, pk 10	£16.82
668-1166	Inserts , orange class ,pk 10	£16.82
668-1163	Holders , pk10	£56.03

VINYL PICTOGRAM SIGNS

- Internationally-recognised range of signage
- Helps enhance safety where text-based safety instructions are not sufficient



813-4518 100mm Fire alarm call point

813-4514	100x100mm Fire extinguisher	£1.30
813-4527	100x100mm First Aid	£1.30
857-8716	100x100mm Eyewash station	£1.31
813-4439	100mm Corrosive substance	£1.30
813-4467	100mm Radioactive material	£1.30
813-4460	100x100mm Biological hazard	£1.30
813-4454	100x100mm Crushing of hands	£1.30
813-4423	100x100mm Electricity	£1.30
813-4432	100x100mm Explosive material	£1.30
813-4463	100x100mm Flammable material	£1.30
813-4441	100x100mm Forklift truck	£1.30
813-4435	100x100mm General warning	£1.30
813-4445	100x100mm Hot surface	£1.30
813-4448	100x100mm Optical radiation	£1.30
813-4451	100x100mm Oxidising substance	£1.30
813-4457	100x100mm Toxic material	£1.30
813-4479	100x100mm Wear eye protection	£1.30
813-4473	100x100mm Wear ear protection	£1.30
813-4498	100x100mm Wear a mask	£1.30
813-4491	100x100mm Use this walkway	£1.30
857-8668	100x100mm Sound horn	£1.31
813-4482	100mm Wear respiratory protection	£1.30
813-4495	100mm Wear high visibility clothing	£1.30
813-4485	100mm Wear safety footwear	£1.30
813-4489	100mm Wear protective gloves	£1.30
813-4476	100mm Wear head protection	£1.30
857-8637	100x100mm Not drinking water	£1.31
813-4505	100x100mm No thoroughfare	£1.30
813-4502	100x100mm No smoking	£1.30
857-8643	100x100mm Do not use lift	£1.31
857-8699	100x100mm Do not touch	£1.31
857-8646	200mm Not drinking water	£6.26
857-8712	200mm Do not walk or stand	£6.26

813-4473 100x100mm Wear ear protection

813-4498	100x100mm Wear a mask	£1.30
813-4491	100x100mm Use this walkway	£1.30
857-8668	100x100mm Sound horn	£1.31
813-4482	100mm Wear respiratory protection	£1.30
813-4495	100mm Wear high visibility clothing	£1.30
813-4485	100mm Wear safety footwear	£1.30
813-4489	100mm Wear protective gloves	£1.30
813-4476	100mm Wear head protection	£1.30
857-8637	100x100mm Not drinking water	£1.31
813-4505	100x100mm No thoroughfare	£1.30
813-4502	100x100mm No smoking	£1.30
857-8643	100x100mm Do not use lift	£1.31
857-8687	100x100mm Do not touch	£1.31

PLASTIC PICTOGRAM SIGNS

- Internationally-recognised range of signage
- Helps enhance safety where text-based safety instructions are not sufficient



813-4625 200mm Fire alarm call point

813-4621	200x200mm Fire extinguisher	£6.26
857-8630	400x400mm Assembly point	£19.30
813-4634	200x200mm First Aid	£6.26
857-8725	200x200mm Eyewash station	£6.26
857-8700	300x300mm Electrical hazard	£15.49
857-8680	300x300mm Fragile roof	£15.49
857-8719	300x300mm General warning	£15.64
813-4577	200x200mm Biological hazard	£6.26
813-4546	200x200mm Corrosive substance	£6.26
813-4561	200x200mm Crushing of hands	£6.20
813-4530	200x200mm Electricity	£6.26
813-4549	200x200mm Explosive material	£6.26
813-4570	200x200mm Flammable material	£6.26
813-4558	200x200mm Forklift truck	£6.26
813-4542	200x200mm General warning	£6.26
813-4552	200x200mm Hot surface	£6.20
813-4555	200x200mm Optical radiation	£6.26
813-4568	200x200mm Oxidising substance	£6.26
813-4574	200x200mm Radioactive material	£6.26
813-4564	200x200mm Toxic material	£6.26
813-4592	200x200mm Wear safety footwear	£6.26
813-4596	200x200mm Wear protective gloves	£6.26
813-4583	200x200mm Wear head protection	£6.26
813-4586	200x200mm Wear eye protection	£6.26
813-4580	200x200mm Wear ear protection	£6.26
813-4606	200x200mm Wear a mask	£6.26
813-4609	200x200mm Use this walkway	£6.26
813-4599	200mm Wear respiratory protection	£6.26
813-4603	200mm Wear high visibility	£6.26
813-4612	200x200mm No thoroughfare	£6.26
813-4619	200x200mm No smoking	£6.26
813-4615	200mm No activated mobile phone	£6.26
813-4628	200mm No access for forklifts	£6.26
857-8659	200x200mm Do not use lift	£6.26
857-8699	200x200mm Do not touch	£6.26
857-8646	200mm Not drinking water	£6.26
857-8712	200mm Do not walk or stand	£6.26

FLOOR SIGNS

- Provides a high-visibility warning of operational hazards on the warehouse floor
- Permanent adhesive fixing
- Graphics printed on the underside of clear PVC film to withstand everyday warehouse traffic
- 430mm diameter



873-5925 Pedestrian traffic

873-5925	Pedestrian traffic	£28.44
873-5931	Pedestrian route	£28.39
873-5934	Protective footwear	£28.44
873-5937	Fire exit	£28.39

SURFACE MOUNT KEY ARM/ DISARM SWITCH

- Double pole changeover contacts
- Reed based magnetic interference protection
- 2 keys, keyed to differ
- Maximum switching voltage 50 VAC/DC
- Maximum switching current 0.5 A
- Carry current Max 0.8 A
- Maximum power 10 WVA
- Aluminium housing material
- All metal lock mechanism



918-2690	180° key rotation	£32.14
918-2693	60° key rotation	£32.14

GRADE 3 ALARM AND SECURITY JUNCTION BOX

- Tamper switch protection
- BS EN50131-2-6 Approved
- Raised terminal for easy cable routing
- Slim design access
- Multiple cable entry points



918-4712	24-Way	£5.13
918-4716	10-Way	£2.89

GRADE 3 PANIC BUTTON

- 2 Finger operation
- Tamper switch protection
- BS EN50131-2-6 Approved
- Easily resettable with key
- Slim design access
- Selectable resistors
- Stainless steel cover



918-4728	3 button, grey	£7.81
918-4725	3 button, white	£12.13
918-4731	4 button, grey	£34.93
918-4722	4 button, white	£15.81

SURFACE MOUNT SWITCHES

- Set includes magnet and proximity switch
- N/O (Normally Open) door contact
- For use on roller shutter type doors



299-4711	Normally open	£15.66
190-1011	Normally closed	£22.65

GRADE 2 FLUSH ALARM CONTACT

- Designed for discrete protection of doors and windows
- Moulded construction incorporating a N/O SPST magnetically operated reed switch
- Easy fixing



918-2665	4Wire, 500mA, 50V ac/dc, grade 2	£2.43
918-2669	5Terminal, 500mA, 140V ac/dc, grade 1	£1.89

PRESSURE MAT SURFACE MOUNT

- Manufactured from Seem welded black PVC
- 25Kg over 50mm² actuation pressure



918-4756	Small, 4Wire 595 x 170 x 3	£7.17
918-4750	Large, 4Wire 720 x 390 x 3	£8.48
918-4769	Large, 4Wire 720 x 560 x 3mm	£16.58
918-4762	Circular (Disc) Pressure Pad	£19.35

PROXIMITY SWITCH AND MAGNET SET

- Normally open
- Operating distance 15mm
- Maximum switching voltage 50 V/DC
- Maximum switching current 0.5 Amps DC (Resistive)
- Maximum power 10 W/V/A
- Contact resistance 1 Ohm (typical)



122-0719	Normally open with supervisory loop	£2.28
122-0715	Normally open	£1.58
122-0717	Normally open with supervisory loop flush mount	£1.67

SURFACE MOUNT ALARM CONTACT

- Normally open
- Operating distance 20 mm
- Operating temperature -40° to +60° C
- High impact Polystyrene housing material
- •



918-2678	5Terminal Grade 1	£1.89
918-2675	Grade 2, 500mA, 50V ac/dc	£9.29
918-2671	Grade 2, 500mA, 50V ac/dc	£6.84
918-2684	Grade 2, 4 core large	£9.57
918-2687	Aluminium grade 2	£12.14

HEAVY DUTY SECURITY SWITCH

- Normally open contact form
- Tamper loop
- Maximum voltage 400 Vac
- Maximum 60 WVA
- 1 Amp switching current
- 100 mOhm contact resistance
- Environmental protection IP67



122-0721	Heavy Duty Security Switch	£36.98
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OUTDOOR SECURITY AND SAFETY MIRROR

- Unbreakable polycarbonate & PMMA (Acrylic) multi-purpose mirror for internal and external use
- Easy to install and shatter resistant
- Use to eliminate blind corners
- 90° vision



663-4602	640 x 450 mm, rectangular	£184.85
663-4615	450mm, circular	£100.50
663-4618	600mm, circular	£131.80
773-9714	80cm dia,full dome	£147.42
773-9718	90cm dia,full dome	£214.16
773-9702	60 x 30cm,half dome	£96.86
773-9736	40cm,half dome	£63.51

INDOOR CONVEX ACRYLIC MIRROR

- Suitable for all indoor security applications
- Warehouse or industrial use



773-9685	30cm	£58.60
773-9689	40cm,half dome	£66.06
773-9691	50cm	£90.56
773-9705	60cm	£117.21
773-9708	80cm	£201.37
773-9698	Exterior use 45cm	£90.40
773-9695	Exterior use 60cm	£145.28

SECURITY CHAINS

- Welded links thoroughly hardened for maximum security
- Enclosed in a vinyl sheath



615-6395	7mm dia,1.2m length	£31.14
615-6418	11mm dia,1.8m length	£42.50

LOCK ALARM

- Durable outer casing with steel inner chassis
- Suitable for internal and external use
- 120 dB siren sounds if cable is cut or lock is attacked
- Requires 9V alkaline battery (not supplied)
- Can be used free standing or anchored to any fixed point using brackets supplied (fixings included)



ELECTRICIAN'S LOCKOUT KIT

- Portable electrical department lockout/tag out kit
- All the basics for locking out breakers, electrical plugs, wall switches, MCB's, fuses, etc.
- Comprises of around 27 different products
- Supplied in a tough LOTO carrying bag (with handle and shoulder carrier)



LOCKOUT HASP

- Plated to resist chemicals and rust
- Manufactured from high tensile steel
- Thick vinyl covered padlock section to resist wear
- Each lockout accepts up to 6 padlocks with up to 9.5mm shackle diameter
- Available in two sizes, 25mm or 38mm jaw diameter



489-141	25mm,6 lock	£7.66
489-147	38mm,6 lock	£8.85
805-5506	25mm,6 lock	£8.65
805-5500	38mm,6 lock	£10.17
818-8041	16 padlock lock out station	£114.80

BALL VALVE LOCKOUTS

- Designed to prevent the valve from operating
- Can be installed whether the valve is in the open or closed position
- Resistant to abrasion or cracking



PLUG LOCKOUT

- Operates by encasing electrical plugs to prevent a machine being plugged in
- Specially developed to secure all plug types
- Suits 220/500V plugs



VALVE LOCKOUT

- Virtually indestructible
- Extreme weather and temperature resistant
- Produced from durable polyurethane plastics and resist abrasion or cracking



LOCKOUT STATIONS

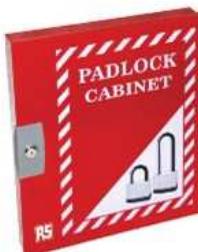
- Two lockout hasps and up to 20 lockout tags in one convenient storage station
- Supplied without lockout padlocks, hasps or tags
- 395 x 293 x 40mm



818-8082 £80.30

LOCKOUT CABINET

- Produced from special grade metallic sheets
- Comes supplied with security lock and two keys
- Pre-punched wall-mounted holes for easy installation
- Locking arrangement with ergonomic handle



818-8091 £66.08

MINI LOCKOUT PADLOCK STATION

- Made from powder coated special grade metallic sheet duly die cut double slot with rounded corners
- Red colour for greater visibility



862-5269 18 Lock £17.19
862-5250 12 Lock £13.75
862-5256 6 Lock £10.31

MINIATURE CIRCUIT BREAKER LOCKOUT

- Safe and effective method for locking out miniature circuit breakers (MCB's)
- Can easily be installed with the aid of a screw driver
- Can be used on single and multipole breakers
- Single lockout padlock (not supplied), can be installed on each lockout device



862-5193 Green £4.93
862-5203 Yellow £4.93

STAINLESS STEEL LOCKOUT HASP

- Has space for up to 6 individual padlocks with a shackle diameter up to 6 mm
- The padlock fixing is divided in to 3 holes and three lock combination bar
- Suitable for use in corrosive areas and near sea shore areas
- 25 mm jaw diameter



862-5155 £13.20

LOCKOUT STARTER KIT

- Portable electrical department lockout tag out kit
- Provides all the basic Lockout for valves and electrical panels
- Comprises of around 24 different products
- Supplied in a tough LOTO carrying bag (with handle and shoulder carrier)



862-5247 £143.10

PIN OUT MINIATURE CIRCUIT BREAKER LOCKOUT

- Safe and effective method for locking out miniature circuit breakers
- Push button installation - does not require any tool for installation
- Accepts padlocks with a shackle diameter up to 9mm
- Can be applied on single & multiple breakers MCB's only
- Manufactured from stainless steel wire and special grade PVC parts



862-5231 £6.20

LOCKOUT TAG OUT STATION

- Made of powder coated special grade metallic sheet
- Supplied with two interchangeable shelves and slotted side panels in the box body
- Stainless steel handle is being supplied with all the units for easy handling and carrying of these boxes



862-5253 £67.68

PREMIER BALL VALVE LOCKOUTS

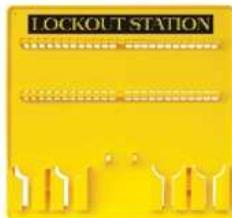
- Prevent the valve handle from being turned on
- Resistant from cracking & abrasion
- Non conductive



882-5920	Premier, 1 1/2 - 2 1/2in.	£29.61
882-5911	Premier, 1/2 - 1 1/2in.	£29.60
882-5927	Large	£21.84
882-5923	Small, steel	£13.94

LOCKOUT STATION

- Versatile lockout stations
- 713 and 48 lockout stations
- Ensure maximum security for complex work team situations



882-5933 7 Lock Box	£28.68
882-5942 13 Lock box	£38.20
882-5939 48 Lock station	£160.60

KEY CABINET WITH NUMBERED SEAL

- Steel cabinet with hinged access door
- Wall mounted, durable powdered coated finish
- Emergency access breakable glass front
- Dimensions: 153 x 123 x 40mm



285-2780	£28.85
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BRASS COMBINATION PADLOCK

- 3 digit combination code
- Set your own combination freely for personalized convenience and increased security
- Brass lock body with excellent resistance for corrosion



781-6032 Brass, 20mm	£5.19
781-6048 Blue, 30mm	£5.38
781-6041 Red, 30mm	£5.38
781-6039 Silver, 30mm	£5.38
827-4423 Brass, 40mm	£12.19
781-6026 Brass, 53mm	£13.72

BRASS PADLOCK

- Solid brass lock body and lock cylinder with great corrosion resistance
- Pin tumbler structure for great pick resistance test
- Different sizes of lock body and shackle for different choices



781-5994 20mm	£3.84
781-5997 30mm	£4.94
781-5991 40mm	£6.47
781-6007 50mm	£8.61
781-6004 40mm	£7.04

PLASTIC COATED BRASS PADLOCK

- Pin tumbler structure for great pick resistance test
- Different sizes of lock body and shackle for different choices



827-4394 Black	£6.59
781-6001 Blue	£5.93
827-4397 Green	£5.93
781-6013 Red	£6.59
781-6010 Yellow	£5.93

ACCESS KEYPAD

- Die-cast Aluminium
- Dimensions: 123(H)x77(W)x64(D)mm
- Surface mount
- Backlight keypad
- Operating voltage: 12 or 24Vdc
- 4 or 5 digit programmable codes
- Allows up to 20+1 PIN codes



774-8162	£90.85
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DIE CAST METAL DOOR KEYPAD

- Vandal resistant
- Die-cast metal
- Dimensions: 120(H)x76(W)x21(D)mm
- Operating voltage: 12Vdc
- 1000+1 Proximity cards, tokens and PIN's



774-8166	£73.14
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NON CONDUCTIVE ALUMINIUM PADLOCKS

- Solid aluminium core with steel plastic covered shackle for best physical strength
- Body and shackle insulated against electric shock
- NANO-PROTECT™ shackle for superior corrosion resistance
- Intrinsically safe, key retaining
- Automatic locking for user convenience
- High precision 6-pin cylinder for better tamper resistance



805-5503 Yellow	£15.05
805-5499 Green	£15.05
805-5483 Red	£14.71
805-5471 Blue	£14.71
805-5487 Yellow, Std.	£14.71
805-5480 Green, Std.	£14.71
805-5493 Red, Long	£15.05
805-5496 Blue, Long	£15.05

ALUMINIUM PADLOCKS

- Special aluminium lock body with great durability
- Hardened steel shackle for extra cut resistance
- Tumbler cylinder for added pick resistance
- Double locking for added protection of rapping and prying
- Different sizes of lock body and shackle height for your choices



827-4408 20mm	£3.82
827-4417 30mm	£4.82
827-4410 40mm	£5.74

COLOUR VIDEO ENTRY VCK SERIES

- Narrow style panels
- Die cast metal material
- High quality handset
- Improved longer distance
- Keypad access option
- Up to 3 handsets
- Up to 2 entrances
- Surface mount



870-0694	With integral keypad	£217.54
870-0698	With monitor & keypad	£222.72

CCTV EXTENSION CABLE, VIDEO AND POWER

- BNC video on both ends and male to female DC power combined



696-1213	7m	£12.14
696-1217	20m	£15.69

REPLACEMENT SPLIT RING PACKETS

- Used to secure spare keys
- Priced each in a pack of 20
- Various sizes available



866-490	9.5mm OD	£3.19
866-507	13mm OD	£2.96
866-513	16mm OD	£3.29
866-529	20mm OD	£4.58
866-535	25mm OD	£5.09
866-541	28mm OD	£4.58
866-557	30mm OD	£6.58
866-563	32mm OD	£6.58
866-579	38mm OD	£6.58

COLOUR WATERPROOF BULLET CAMERA

- 1/3" 960H SONY Super HAD CCD II
- High Resolution 700 TVL
- Multi Language OSD
- Dimension: 26 dia. x 105mm
- 4-9mm Manual Varifocal Lens
- OSD functions available if using OSD controller



776-9368	700TVL, 4-9mm lens	£128.39
776-9383	EXVIEW II CCD	£61.81

DOME CAMERAS

- Vandal proof
- High resolution
- Auto white balance
- Automatic gain control



776-9365	2.8 - 12mm varifocal lens	£158.08
776-9374	3-12mm Lens	£123.62
776-9371	2.8-12mm DC IRIS LENS	£80.84
776-9387	Miniature CCD camera, 3.6mm fixed lens	£66.56

DIGITAL COLOUR VARIFOCAL IR LED CAMERA

- Bullett CCTV camera
- High resolution
- 700TV Line
- Automatic Gain Control

**COLOUR STANDARD CAMERA**

- Aluminium housing
- Built in OSD buttons
- Excellent sensitivity at night



776-9380		£94.15
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FULL HD DASH CAM

- 1080P Wide-angle CMOS Lens
- 2.5in. TFT LCD
- Record video with sound inside and outside the car
- Compatible with SDHC Card up to 128GB
- Loop recording / On start recording
- Built-in G-Sensor auto recording accident footage



880-2208	Video recorder	£96.17
880-2201	Video recorder with GPS	£151.79

ACCESS CONTROL SYSTEMS

- Provides a single access control solution, in one box, for one access door
- Everything required to install access control is provided in each kit



741-8228	Door strike	£149.80
741-8221	Magnetic	£203.19
741-8225	Proximity door strike	£162.55
741-8234	Proximity magnetic	£203.19
741-8231	Pin code magnetic	£261.24

UNIVERSAL DOOR STRIKE RELEASE

- Tested to 1 million cycles
- Operating temperature: -10 to +45°C (+14 to +131°F)
- Fail safe / fail secure selectable



741-8240	Fall safe / fail secure selectable	£59.03
741-8243	Fall secure 12V	£16.25
741-8247	Fall safe 12V	£25.54

MAGNET DOOR RELEASE

- Aluminium construction
- Provides a locking solution for keypad or proximity locks



741-8256	Mini magnet door release 600lbs 12V/24V	£34.77
741-8253	Standard magnet door release 1200lbs	£69.55
741-8269	Mounting kit for mini magnets Z & L	£18.57
741-8265	Mounting kit for standard magnets Z & L	£29.04

PRESS TO EXIT BUTTONS

- Brushed stainless steel
- Flush mount
- 19mm brushed stainless steel button
- COM-N NO / NC change-over-contacts



741-8278	Flush push button	£21.13
741-8271	Domed push button	£22.73
774-8181	Dome exit button	£21.13

RESETTABLE MANUAL CALL POINT

- Green plastic
- Resettable
- Surface Mount
- COM / NO / NC
- Double Pole
- Dimensions: H 85mm x W 85mm x D 51mm



741-8281	Call point	£16.35
741-8290	Spare break glass	£4.38
774-8197	Break glass unit cover	£1.62

USER FOBS AND PROXIMITY CARDS

- Printed number on the proximity key fob and on the proximity card
- EM Chipset
- Key fobs fitted with an 'S' ring
- Proximity cards have a slot



741-8293	Key fob token	£10.61
741-8297	Proximity card	£9.78

SINGLE DOOR MAGNETIC LOCKS

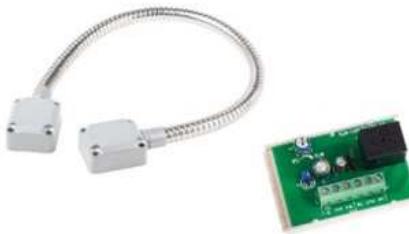
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status
- N.C. Output-Door opened; N.O. Output-door closed
- Status LED lights



774-8229	Mini magnet - 600lbs (272kg)	£38.04
774-8232	Standard magnet - 1200lbs (545kg)	£78.96
774-8235	External magnet 1200lbs (545kg)	£102.49

DOOR LOCK ACCESSORIES

- Door loops and relays to help fit access control system



774-8172	Door loop	£12.68
870-0720	Timer relay	£7.97

DOOR STRIKERS

- Euro style
- Mortice or surface
- Monitored available
- Includes suppression
- Adjustable jaw



749-1709	Fail open , 12V DC	£26.11
749-1703	Fail locked , 12V DC	£16.26
749-1715	Fail Locked , 24V DC	£43.20

ELECTRO HOLDING MAGNETS

- Typically used on machine mechanisms door / guard locking and remote hold / release requirements
- Basic plated steel discs
- Designed to complement the energise to release and energise to hold magnets



785-8519	20mm Dia. 12V	£20.79
739-3286	25mm Dia. 12V	£28.95
739-3277	25mm Dia. 24V	£28.95
739-3249	30mm Dia. 24V	£29.83
739-3273	40mm Dia. 12V	£36.71
739-3270	40mm Dia. 24V	£36.71
739-3223	50mm Dia. 24V	£154.27
739-3267	50mm Dia. 24V	£46.23
739-3233	65mm Dia. 24V	£50.98
791-7567	80mm Dia. 24V	£71.85
121-9828	100mm Dia.12V	£76.66
121-9829	100mm Dia.24V	£76.66
739-3264	25mm Dia	£8.67
739-3255	40mm Dia	£8.79
739-3251	50mm Dia	£10.82
739-3217	65mm Dia	£11.51
739-3214	80mm Dia	£19.90

FACILITIES, CLEANING & MAINTENANCE



488 LUBRICANTS

489 BINS & SACKS

490 TRAFFIC MANAGEMENT

494 BRUSHES, COATINGS & PAINTS

497 HAND DRYERS & SAFETY BARRIERS

RS PRO is the only global brand that gives you every part you need across five industry categories at the quality and price you expect.

ANTI-CORONA LACQUER

- Clear, pliable, moisture repellent lacquer, designed to reduce surface tracking and corona in EHT circuitry
- Suitable for assembled PCB's, transformer windings and component protection
- No need to remove before soldering
- Working temp. range: -20°C to +50°C
- 400 ml aerosol



569-313

£4.24

CLEAR LACQUER

- A quick-drying lacquer which protects your dry transfer markings and maps, charts, wood, plastic and metal surfaces.
- Colourless and won't change with age
- Clear, 400 ml aerosol



136-8535

£4.45

SCREENWASH / DE-ICER

- This dual-purpose screenwash and de-icer is a very effective cleaner, removing grease and residues from windscreens easily
- Can be used neat or diluted with up to four parts water and used as a screenwash whilst also protecting the water bottle in below-zero temperatures
- 5 litre



819-4071

£10.34

COPPER-BASED ANTI-SEIZE

- A copper-based anti-seize compound for lubricating and preventing seizure between metal surfaces when applied before assembly
- Works at elevated temperatures and not easily washed away
- Ideal for freeing solder iron bits
- Sold in pack of 5 x 50 ml tubes.



557-073

£12.68

PTFE DRY FILM LUBRICANT

- Consists of inert particles of PTFE in a suspension medium, which can replace conventional silicones and mineral oils in extreme environments
- Prevents seizure and pick-up
- Can be used as lubricant for fasteners, slides and bearings or a chemically protective film
- 200 ml aerosol



132-469

£7.07

DRY LUBRICANT

- Suitable for use on sprocket wheels, ball races, gears and axles on precision equipment such as printers and photocopiers
- Excellent electrical and thermal resistance
- Can be used to clean and lubricate gold edge connectors
- 200 ml aerosol



251-3794

£8.43

PENETRATING OIL

- Highly penetrating action allows rapid release of seized or corroded parts
- Leaves a lubricating film which aids re-ass and prevents further corrosion
- Effect reduced on hot surfaces
- Contains graphite, leaves a black colour
- 400 ml aerosol



569-240

£5.55

MULTIPURPOSE GREASE

- Maintains low contact resistance on all types of wiping, sliding and non-arcing electrical contacts, including low power make-and-break switches
- First-class mechanical lubricant for bearings, small gears, pivots and slides; but not meter and watch bearings
- Sold in pack of 5 x 50 ml tubes



556-446

£13.12

HIGH TEMPERATURE GREASE

- Safe on most thermoplastics
- Good anti-rust and anti-wear properties
- Water resistant
- Low evaporation weight loss
- Sold in pack of 5 x 50 ml tubes



251-3722

£15.43

569-234 400 ml aerosol

CHAIN & GEAR LUBRICANT

- Chain and gear lubricant which contains molybdenum disulphide
- Can be applied without stopping machinery
- Longer chain life and quieter operation
- Offers corrosion protection
- For use on both moving and static roller/chain drives and gears

**WASTE RACKSACKS**

- Racksacks can be mounted onto 900/1100 racking end frames with easy to use S hook fixings (supplied)
- Produced from tough woven polyester for durability
- Easy to change once full and available with four waste specific markings.

**WHITE GREASE**

- Reduces friction, whilst maintaining viscosity; hence no unwanted leaching
- Typical applications include: conveyors, machinery and also office equipment
- 400 ml aerosol



690-861

£6.59

356-4709

£30.11

**LARGE SWING-TOP BIN**

- Large white high density polyethylene swing-top bin
- 50 litre capacity (to brim of container)
- Dimensions: 665 x 380 x 305mm (with lid)

873-5940	General Waste Racksack	£32.83
873-5943	Mixed Paper & Card Racksack	£32.83
873-5947	Plastic Strapping Racksack	£32.83
873-5956	Plastic Only Racksack	£32.83
873-5959	Mixed Recycling Racksack	£32.83

STAINLESS STEEL PEDAL BIN

- Fully enclosed design hides unsightly rubbish from view
- Pedal operated opening for ease of use and a more hygienic operation
- Removable inner bucket with a carry handle
- Hygienic and easy to clean

**SILICON GREASE**

- Water repellent with excellent lubrication properties
- Non-toxic and safe on most plastics
- High dielectric strength

**REFUSE SACKS**

- Plastic disposal bag
- High tensile strength 40 mu Tri-ex blend film
- Box of 50

494-124	100 g tube	£5.82	771-6572	Black - 160 gauge	£10.84
496-877	400 ml aerosol	£5.63	771-6563	Black - 200 gauge	£12.03

771-6569	Yellow - 200 gauge	£12.03	898-8315	12 litre	£25.81
			898-8311	5 litre	£14.55

FACILITIES CLEANING & MAINTENANCE



WHEELED DUSTBINS

- Wheeled dustbins ideal for waste segregation
- All wheeled bins are complete with wheels for ease of movement even when full



790-6873	Blue 240 litre	£87.88
790-6876	Red 240 litre	£87.88
790-6879	Yellow 240 litre	£87.88

CIGARETTE BIN

- Black textured finish cigarette bin ideal for placing at entrances to buildings and external smoking areas.
- Easy to empty bin ensures cigarette butts are disposed of safely avoiding unnecessary fire risks
- Dimensions: 373 x 280 x 140 mm



287-232		£79.69	125-2172		£27.73	898-7166	55cm	£28.57
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WHITE DE-ICING SALT

- High purity white salt
- Ideal for use on pathways and in car parks
- Fast-acting de-icing
- Guards against refreezing
- 25 kg bag



897-7456		£11.05
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BLACK TEXTURED FINISH CIGARETTE BIN

- Wall-mounting cigarette bin designed to dispose of cigarette ends outside of buildings and work places
- Supplied with key to empty 'Built-in' collection box
- Produced in epoxy powder coated Zintec steel
- Dimension: 360 x 200 x 100mm



901-1456		£54.23
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HEAVY DUTY TRAFFIC CONE

- PVC traffic cone complete with a loaded anti-skid rubber base
- Orange body with white reflective stripes and a black base
- The reflective stripes - Class 2 - ensure that the traffic cone is visible in low light conditions
- 360 x 360 mm base, 900 mm tall, 4.2 kg weight



WARNING CONES - CLASS 1

- Class 1 reflective orange cone
- Polypropylene
- Two reflective stripes
- Choice of heights



503-681	30cm	£6.46
503-754	50cm	£13.02
503-691	75cm	£36.77

WARNING CONES - CLASS 2

- Orange and white Class 2 reflective cones with a black, rubber anti-skid base
- For use externally on roads and industrial/construction sites



COLLAPSIBLE CONE

- This innovative and space-saving traffic cone folds completely flat for easy storage whilst not in use
- A battery-operated light is built into the cone and two highly reflective stripes ensure the cone visibly stands out
- Coloured in contrasting orange and reflective silver for high visibility



SPEED BUMPS

- Choice of a complete black & yellow Vulcanised Virgin rubber bolt down speed bump - 1.83 m long - or modular speed bump system that allows you to tailor to your requirements
- Both help reduce traffic speed to circa 15 km per hour
- The speed bumps are supplied with asphalt fixings and caps



125-2173	Complete Speed Bump - 1.83m x 75mm	£272.52
625-1074	Complete Speed Bump - 1.83m x 55mm	£212.66
898-7176	Modular 1 Black, 1 Yellow - 50mm	£42.27
898-7188	Modular 1 Black, 1 Yellow - 70mm	£61.66
898-7185	Speed Bump End, 1 Black, 1 Yellow	£30.28

PORTABLE FOLDABLE SPEED RAMP

- Polyurethane speed ramp that can be easily transported and fitted where required
- The speed bump is ideal for use on private roads and car parks
- Highly reflective and easy to see with 16 yellow and black arrows Class 2
- Supports up to 20 tons
- 25 x 25cm



125-2184

£316.13

125-2188

£436.03

724-9750

£210.91

WHEEL CLAMP

- Wheel clamp is made from steel and is painted with a rust proof protection
- The wheel clamp is adjustable with an articulated arm, holder jaw, 2 footrests, 2 handles and spikes to blow out the tyre
- The clamp is designed to fit a wheel rim with a maximum 11.5 in. diameter



125-2185

£103.56

125-2192

£103.56

WHEEL CHOCKS

- Heavy duty moveable or adhesive wheel stop chock
- Heavy duty version is solid rubber designed for truck wheels
- Adhesive version sticks to a ground surface and limits the distance between the vehicle wheel and a solid surface



125-2183 Wheel Chock for Trucks

£49.05

125-2175 Wheel Chock for use with Vehicles

£16.36

ONE PIECE ABS POSTS

- One piece posts are made from ABS and come complete with a loaded base
- Attachments include, 1 ring and 1 ring with hooks for hanging a chain
- The nut and ring at the head of the post can be used for fixing information signs and you can fit a crosstie
- Post: 95cm



125-2194

£30.52

FLEXIBLE BOLLARD

- Polyurethane protected bollard that cannot be broken or twisted
- Fixed to the ground with a steel base plate which is corrosion resistant and contains additive UV 328 (2%)
- The bollard does have a breaking limit of 84 KN/m
- Temperature resistant -20°C to +70°C
- 270 x 1000mm

**EXPANDABLE METAL BARRIER**

- Expandable metal gate, up to 4m length, in red & white
- Ability to add 6 wheels with brakes in order to make easier the opening or closing
- Additional post in the middle for a perfect stability when opened

**PARKING POST AND LOCKING DEVICE**

- A fold down parking post which is easy to install
- Comes supplied with concrete fixings
- Stops unwanted vehicles parking in a private space or entering a restricted area
- Made from aluminium with a cast iron base

**MARKER CHAINS**

- These chains are used for signs, marking, etc.
- 8mm links
- 25m length



503-685 Black & Yellow £51.77

503-679 Red & White £47.31

WALL MOUNT RETRACTABLE BARRIER

- Flexible retractable barrier with centrifugal braking
- 48mm webbing - 4.6m long when extended
- Closes off entry points or restricts personnel access



829-9078 Red / Black Webbing £20.75

829-9069 Yellow / Black Webbing £63.13

829-9084 Danger Keep Out Webbing £87.68

829-9071 No Entry Webbing £87.68

829-9075 Caution - Do Not Enter Webbing £87.68

FACILITIES CLEANING & MAINTENANCE



POSTS WITH RETRACTABLE BARRIER

- A sturdy, durable and easy to use temporary barrier system based on 1000 mm high posts with heavy base and retractable 48 mm wide webbing which simply locks to the next unit.
- Black nylon/polyester webbing
- Webbing extends to 2.8m



829-9062 Black Post	£97.18
829-9065 Chrome Post	£84.67

PORTABLE EXTENDABLE BARRIER

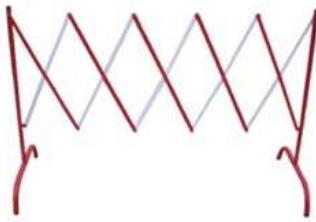
- This light duty barrier comes inclusive of three interjoinable panels and is extremely easy to carry and install due to its light weight construction
- This barrier can be extended exponentially using the Portable Barrier Extension (RS no: 840-0593)



840-0584 Portable Extendable Barrier	£117.54
840-0593 Portable Barrier Extension	£39.14

EXTENDABLE METAL WORK SITE BARRIERS

- Extendable work site barriers
- Extendable straight barriers (metal): available in red/white or yellow/black. Max. length unfolded 2.3 m, Height 1.05 m. Supplied folded, base must be assembled
- Square barrier (metal): available in red/white. Max. length unfolded 1.35 m x 1.35 m. Height 1.15 m.



625-0970 Extendable barrier 2.3m - red/white	£100.10
625-0964 Extendable barrier 2.3m - yellow/black	£100.10

POLISHING CLOTHS & TOWELS

- Choice of polishing clothes - in Selvyt™, Lint-free cotton and Microfiber
- Ideal for use on all types of glass or acrylic optical lenses, VDU screens, polished surfaces etc.



568-152 Selvyt™ 350 x 350mm - 5 cloths	£17.32
558-795 Lint free wipes - Pack of 100	£15.08
251-3744 Microfibre - 23 x 23cm - Pack of 100	£16.63
898-8276 Microfibre - 23 x 23cm Blue - Pack of 100	£9.33
898-8264 Multi-Coloured Tea Towels, Pack of 10	£6.76

HEAVY DUTY WIPES

- These heavy duty wipers are ideal for use in demanding and industrial environments
- Each blue wipe quickly absorbs oil, water or solvents of up to eight times its weight and retains its high strength even when wet
- 160 wipes per box



882-5908	£25.56
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SOLVENT CLEANING PADS

- For cleaning electronic equipment during installation and servicing
- Based on IPA to remove thin deposits of dirt, greases, airborne silicones and flux residues
- Non-static
- Can be used to clean gold and tin connections



557-067 Box of 20 wipes	£6.93
217-3914 Tub of 100 wipes	£4.59

UNIVERSAL WIPES

- Universal wipers ideal for use in industrial environments with high oil and water absorbency
- Environmentally friendly, naturally degradable materials
- Soft, lint-free wipes



882-5917 Blue - 150 sheet/box 400 x 300mm	£12.20
882-5901 White - 120 sheets/box 400 x 300mm	£9.47
882-5905 White - 280 sheets/box 215 x 115mm	£3.26

CLEANROOM MOP HEAD

- This blue foam mop head is produced from special, fine-pore polyurethane foam. Perfect for cleaning and disinfecting within a cleanroom or other controlled environment
- Non-sterile (RS No. 829-5344) and sterile by gamma radiation (RS No. 829-5348) versions available
- Excellent tear and abrasion resistance
- Can be used on walls and ceilings as well as floors
- Ideal for use in cleanrooms, laboratories or other dust or dirt-free environments



829-5332 Blue Sponge Mop Head	£74.60
829-5341 Blue Sponge Mop Head - Sterile	£16.82
829-5348 White Sponge Mop Cover - Sterile	£67.27

WIPES

- These wipes are double packed and may be used in up to Class 100 clean rooms
- The wipes measure 228.6 x 228.6 mm
- Non-woven wipe made from cellulose added to a polyester foundation/ Cellulose- 55%, Polyester- 45%
- 300 wipes per bag



241-8116	£26.64
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PLATEN CLEANER

- Dissolves tough ink marks, as well as oil or grease
- Restores grip after cleaning and leaves no residue
- Does not damage rubber
- Easy to apply
- 100 ml pump spray



217-3891 £4.26

WOODEN HANDLE BRUSHES

- Applications include: general dustings, cleaning, marking
- Use with: IPA, trichloroethane and other cleaning solvents



134-7414	Wooden handle brush, 19mm dia	£26.20
134-7415	Wooden handle brush, 28mm dia	£37.21
134-7413	Wooden handle brush, 9mm dia	£22.72
134-7411	Plastic handle brush, 12mm dia	£16.21
134-7412	Plastic handle brush, 19mm dia	£18.34
449-7981	Lobby brush w/heavy duty plastic handle	£7.46

SOFT SWEEPING BROOM

- 300 mm Hygiene sweeping broom
- Soft polyester bristles sweep up light dust and debris with ease
- Suitable for indoor and outdoor use
- Double locking handle system ensures extra security and durability when cleaning
- Handles need to be ordered separately: RS No. 218-6718, 237-1433, 218-7727 and 237-1449



898-8248	Soft Sweeping Broom, Blue	£8.75
898-8245	Soft Sweeping Broom, Red	£8.75
898-8251	Stiff Sweeping Broom, Blue	£8.75
898-8242	Stiff Sweeping Broom, Red	£8.75
898-8258	Grout Cleaning Brush, Blue	£4.16
898-8254	Grout Cleaning Brush, Red	£4.16

SCOURING PADS

- Ideal for removing burnt on food and grease
- Suitable for commercial, catering and industrial environments



898-8282	Pack of 10	£3.28
898-8286	Heavy duty, pack of 10	£3.86
898-8295	Sponge scourer, pack of 10	£4.12

HAND BRUSHES

- Suitable for both indoor and outdoor use
- Hanging hook on the handle for easy storage when not in use



898-8236	Soft bristle,blue	£4.12
898-8232	Soft bristle,red	£4.12
898-8239	Stiff bristle,blue	£4.12
898-8220	Stiff bristle,red	£4.12

CLEANER'S CADDY

- Hygienic and easy to clean carry caddy
- Features two compartments to efficiently organise cleaning materials



790-6882 £4.28

WINDOW VACUUM CLEANER

- Provides a streak free finish
- Great for cleaning spills from floors
- Lightweight compact design
- Ideal for commercial and domestic use



913-2471 £41.95

DUSTPAN & BRUSH SETS

- Soft or stiff bristle brushes for indoor or outdoor use
- Multiple colours available to help colour coding for different manufacturing areas



790-6885	Heavy duty pan, green	£7.26
898-8210	Soft dustpan and brush set, green	£2.57
898-8214	Soft dustpan and brush set, yellow	£2.57
898-8226	Stiff dustpan & brush set, blue	£2.57
898-8223	Stiff dustpan & brush set, red	£2.57

WIRE BRUSHES

- Steel, stainless or brass bristles
- 3 or 4 row brushes
- Heavy duty use



822-642	3 row stainless steel	£8.02
822-608	3 row steel	£3.53
822-636	4 row brass	£8.12
822-658	4 row stainless steel	£10.99
822-614	4 row steel	£5.87

SWEEEPING BRUSHES AND HANDLES

- Suitable for indoors and outdoors use
- Fitted with handle sockets with wing nuts



903-3478	12in. soft natural coco broom	£5.99
674-263	13in. bassine/cane yard Broom	£11.69
673-995	24in. stiff bassine broom	£12.77
903-3472	48in. handle for 12in. sweeping brush	£6.31
914-8463	Sweeping brush handle 55 in.	£5.39

24IN SOFT/ STIFF PVC YARD BROOM

- Hardwearing, all weather, dual purpose broom
- Both soft and stiff PVC bristles
- Predominantly for outdoor use but can also be used indoors on hard flooring
- Handle and support bracket manufactured for strength
- Produced from high quality steel



705-6249		£11.87
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HEAVY DUTY SCRUBBING BRUSH

- Metal scraper removes stubborn dirt with ease
- Metal bracket provides extra support to the handle, increasing the overall strength
- Extremely stiff bristles for effective scrubbing



790-6889		£12.21
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DISH WASH BRUSH

- Stiff polyester bristles remove built up dirt and grease with ease
- The long handle allows for easier cleaning
- Ergonomic handle offers comfort whilst in use



898-8260	Dishwash Brush, Blue	£1.24
898-8267	Dishwash Brush, Red	£1.24

STAINLESS STEEL TOILET BRUSH SET

- Fully enclosed toilet brush set
- Compact, attractive design
- Lightweight yet durable



898-8292	Stainless Steel Toilet Brush Set	£7.83
898-8298	Toilet Brush and Holder Set, White	£4.17

BASIC PAINT BRUSHES

- White plastic beavertail handle
- Various widths available
- Stainless steel ferrule
- Soft and supple bristles



134-5803	0.5in	£1.24
134-5804	1in	£2.16
134-5805	1.5in	£2.72
134-5806	2in	£3.08
134-5807	3in	£4.09
134-5808	4in	£5.32

TRADESMAN PAINT BRUSHES

- Tradesman quality paint brushes to produce good quality finish with all paints
- Thick bristle content for quality finish
- Choice of brush widths



207-6368	0.5in/13mm	£1.69
207-6374	1in/25mm	£2.07
207-6396	2in/50mm	£4.14
207-6403	3in/75mm	£6.88
207-6425	Set of 4 tradesman paint brushes	£9.91

ECONOMY PAINT BRUSHES

- Economy quality paint brushes for everyday use
- Bristle shape flat
- Available as a comprehensively sized set of five brushes, four smaller brushes or individual larger sizes



207-6431	3 in./75mm, single	£3.92
207-6453	Set of 4	£7.84
471-6333	Set of 3	£4.94
315-2621	Long handle, angled, 2in	£2.19

FITCH PAINT BRUSHES

- Ideal for use on detailed work
- Wooden handle
- White bristle



237-9190	Round fitch, No.6	£6.68
315-2154	Flat fitch, No.10	£10.90
315-2132	Flat fitch, No.8	£5.45
315-2148	Flat fitch, No.8	£6.80

ARTISTS BRUSH SET

- Set of 5 bristle artists paint brushes
- Goat hair bristle
- Plastic handle



315-2126

£5.66

PAINT ROLLER KITS

- 9in paint roller set
- Multi-purpose roller for application of enamels on smooth surfaces

**SPRAY PAINTS AND PRIMERS**

- 100% ozone friendly
- Excellent coverage, flow and opacity
- Fast drying
- Chemical and water resistance
- Bare metal adhesion
- Ideally suited for use on instrument panels, cabinets and test boxes etc.
- 400ml size



764-3036 Black	£5.54
764-3058 Blue	£4.57
764-3049 Red	£4.33
764-3023 White	£4.33
764-3051 Yellow	£4.82
764-3039 Matt black	£4.33
764-3064 Grey primer	£4.57

CAGE PAINT ROLLERS

- Short pile for gloss and eggshell paints on smooth surfaces
- Medium pile for emulsion on semi-rough and smooth surfaces
- Long pile for emulsion and masonry paints on rough surfaces
- Padded pile for masonry paints on very rough surfaces
- Woven pile rollers for long life, to hold more paint and allow better paint flow



315-2198 9in Medium pile	£3.71
315-2182 Cage handle roller, 9in (L) 1 1/2in dia	£7.43
315-2261 12in medium pile polyester	£4.26
315-2318 Blue Stripe mini roller	£10.87
315-2328 Velour mini roller	£12.08
207-6481 Polyamide Peritex mini roller	£2.34

MODIFIED SILICONE CONFORMAL COATING

- Specially formulated for the protection of electronic circuits
- Resistant to a wide range of solvents, lubricants and cooling fluids
- 200ml size



913-2459 Multi-purpose roller kit	£6.22
913-2452 Woven acrylic roller kit	£24.94
913-2456 Heavy duty nylon roller kit	£27.46
913-2468 Wool velour roller kit	£6.22
913-2465 Heavy duty nylon roller kit	£7.46

494-714 Clear	£11.02
831-141 Red	£9.24

POLYURETHANE FLOOR PAINT

- An alkyd based, medium viscosity floor paint
- Ideal for sealing concrete, stone, wood, and similar flooring surfaces
- Provides a chemically resistant film
- Paint can be applied by brush, roller or pad to a clean dry surface
- 5 litre size



494-045 Grey	£45.67
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ACRYLIC CONFORMAL COATING

- Excellent adhesion under all climatic conditions
- Transparent in colour, fluoresces under UV light as an aid to inspecting
- Can be soldered
- Non-corrosive to cadmium and zinc plating
- Resistant to mould growth



714-462	£8.81
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COTTON BUDS

- Absorbent Cotton
- 150mm wooden spill to reach into difficult areas

**PRINTED CIRCUIT BOARD LACQUER**

- Flexible lacquer for protecting PCB's
- Fast drying and fluoresces under UV light



569-290	£4.56
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558-802 Single ended, 200/box	£6.47
494-562 Plastic foam, 25/box	£7.20
494-578 Slim cotton tip, 25/box	£2.84

FACILITIES CLEANING & MAINTENANCE

DUST REMOVER

- Ideal for cleaning delicate products or interiors of equipment and components.
- Can be used as an anti-oxidant for displacing air in partially filled containers to minimise ageing of contents.
- Supplied with spout for access into confined spaces.



880-1482	Airduster Zero	£12.51
497-280	200ml	£7.01
132-504	300ml	£8.42
846-698	400ml	£11.31

SOLVENT CLEANER

- Excellent flux, oil, grease, conformal coating removal properties.
- Harmless on most plastics, rubbers, elastomers etc.



180-803	400ml aerosol	£7.52
180-819	500ml tin	£9.17

WHITE SPIRIT

- Designed to be used as a general purpose degreaser and cleaner.
- Can also be used to thin down oil based paints.
- Suitable for cleaning paint and varnishes from brushes.
- 1 litre



917-6623		£17.50
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COMPUTER CLEANING SOLVENTS

- Ideal for cleaning electrical contacts, tape heads, PCBs etc.
- Leaves a clean dry surface
- Excellent removal of greases, oils and general soils.
- Harmless on most plastics, rubbers, elastomers and surface coatings.



513-679	Magnetic Heads cleaner, 400ml aerosol	£7.03
132-491	Computer cleaning, 400ml aerosol	£7.43
132-475	Electronics cleaner, 400ml aerosol	£8.28

SAFWASH 2000 CLEANING FLUID

- Improved flux removal (including no clean and burn on flux residues)
- Easier and more rapid rinsing
- Increased compatibility with sensitive metals
- Extremely low odour
- Biodegradable solvents in an aqueous medium
- Non Flammable



217-3841	5 litre	£28.05
241-2449	25 litre	£104.16

ISOPROPYL ALCOHOL (IPA)

- Alternative to CFC-based solvents
- Dissolves quickly
- Low toxic and residue free
- Removes flux residues from PCBs
- Safe on most plastics



132-508	400 ml net aerosol	£4.54
567-890	500 ml net tin	£4.81
227-4427	1 litre tin	£7.89
448-180	2.5 litre	£15.02
251-3687		£7.69
		846-682
		£9.60

DE-IONISED WATER

- Suitable for the final rinse or "polish" to circuit boards
- Can also be used for topping up batteries
- Not for use in dip tanks
- 5 litre



ULTRASONIC CLEANING LIQUID

- For the cleaning of PCBs and production equipment
- Removed all types of flux residues, general stains, dust, grease and light oils
- Suitable for use on most metals and alloys
- Non-flammable
- Low toxicity
- Environmentally friendly
- 1 litre



136-5783		£6.19
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FREEZER AEROSOL

- A rapid and safe method of cooling small components
- Ideal for locating faults, assess low temperature performance or to prevent damage during soldering
- Reduces temperature down to -50°C
- 400 ml



MINIMAL STATIC REFRIGERANT

- Safe, non-flammable refrigerant
- Specially formulated to induce the absolute minimum static charge
- Corrosion inhibiting formulation



132-520 £11.77

HAND DRYERS

- Automatic no touch operation
- 10 - 12 seconds drying time
- Unique blue LED indicates the hand drying zone
- Save up to 70% on energy costs
- Air volume 116m³/h
- IPX1 rated



711-2598 Polished stainless steel £445.00
711-2589 Satin stainless steel £424.00
711-2591 Enamel coated steel £412.00

SALT SPREADER

- Anti corrosion frame with lacquered finish
- Polypropylene tank of 25 litres
- Aluminium and stainless gearing with high strength
- Wide tires for use on soft and snowy ground
- Spreading width: 1.5 m



829-5360 £269.48

MINI VACUUM CLEANER

- Ideal for collection of small particles in the laboratory or workshops
- Easy-change, self-sealing cartridge
- ESD safe for electronic apparatus



387-8991 Cartridge vacuum cleaner, 800W 240V £229.47
811-2230 Fleece material vacuum bag (pack of 5) £27.45
219-516 Paper filter bags (pack of 10) £14.16

PVC STRIP CURTAINS

- Reduce heat loss and dust or fumes ingress
- For external doors for normal applications
- Strips come complete with fitted stainless steel hanging clamps
- Very good visibility



325-0927 External, 300mm (W) x 3mm (T) x 3 m (L) £21.89
325-0933 External, 300mm (W) x 3mm (T) x 4 m (L) £27.51
325-0832 External, 400mm (W) x 4mm (T) x 5 m (L) £52.32
325-0876 Internal, 200mm (W) x 2mm (T) x 2 m (L) £13.71
325-0882 Internal, 200mm (W) x 2mm (T) x 3 m (L) £16.52
325-0911 Hanging rail for curtain strip, 984mm (L) £20.80

INDUSTRIAL TARPAULINS

- UV stable and will not fade in direct sunlight
- Medium weight
- Waterproof
- Washable
- Mildew resistant
- Reinforced edges



262-7023 3 x 2m £10.71
262-7045 5 x 4m £27.23
262-7051 8 x 5m £60.67
262-7067 10 x 6m £87.81
262-6171 12 x 8m £124.44

STRIPED STEEL BARRIERS

- Available in a range of sizes and weights
- Complete with base fixing plates
- 6 red warning stripes on white background



125-2177 Red/White, 1m x 40mm x 1.5m	£98.11
125-2176 Red/White, 1m x 40mm x 1m	£87.21
840-0638 Yellow/Black, 1 x 40mm x 1.5m	£92.37
840-0629 Yellow/Black, 1m x 40mm x 1m	£82.83
840-0631 Yellow/Black, 1m x 60mm x 1m	£98.91

FLEXIBLE BOLLARD

- Particularly good in tight parking areas
- Polyurethane, cylindrical shape
- Limits damage to vehicles that strike the bollard
- (H) 800mm, 100mm (D)



840-0641	£119.91
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STEEL POSTS AND CHAINS

- Produced in steel for long-term durability and strength
- Coloured in contrasting red and white for high visibility



898-7144 Steel post	£35.29
898-7148 Steel post with base	£60.55
898-7157 Metal chain, 6mm x 15m	£90.28
898-7150 Chain quick links x 4	£11.00
898-7154 Chain S hooks x 4	£6.23
898-7172 Lockable Parking Post	£145.32
898-7194 Black/Yellow	£21.91
898-7191 Red/White Post	£21.96

PARKING BARRIER

- Sturdy parking system produced in 38mm diameter steel tube
- Coloured in silver with red stripes for high visibility
- Supplied with padlock and 3 keys for multiple users
- Concrete fixings included: 6 x M10
- 755 x 370 x 405mm



FIBRE OPTIC CLEANING PRODUCTS

- Ensure that fibre optic ferrules, bulkheads and connectors are kept free from dirt grease and foreign particles



121-4194 1.25mm Micro Fibre clean stick	£114.40
121-4193 2.5mm foam cleaning buds	£33.80
121-4191 Lint free cleaning tissue	£10.40

SELF ASSEMBLY POSTS

- Versatile posts in an easy to use, self-assembly kit
- Can support a chain fixing
- Base is supplied empty and when filled with 2.5 litres of water provides a sturdy base weight



FIBRE OPTIC CLEANING CASSETTES AND TAPES

- Compact and lightweight
- Cleans without IPA alcohol
- Anti-static properties



121-4197 Cletop Type S - SB with BlueTape	£161.20
121-4198 Cletop Type S - SB with WhiteTape	£161.20
121-4199 Replacement Tape Type S - Blue	£57.20
121-4200 Replacement Tape Type S - White	£57.20

ADHESIVES, SEALANTS & TAPES



500 TAPES

503 ADHESIVES

506 DISPENSERS & SYRINGES

508 ADHESIVE STRIPS, HOOKS & TIES

RS PRO is the only global brand that gives you every part you need across five industry categories at the quality and price you expect.

rspro.com



DOUBLE SIDED ADHESIVE TAPES

- Strong acrylic adhesive and an easy to release liner
- Excellent choice for many different applications
- Translucent foam or paper tape options available



125-4302	Paper tape 12mm x 50m	£1.92
125-4303	Paper tape 15mm x 50m	£2.41
125-4304	Paper tape 25mm x 50m	£4.02
125-4305	Paper tape 50mm x 50m	£8.05
125-4306	Paper tape 9mm x 50m	£1.46
125-4308	Foam tape 19mm x 13.7m	£24.04
125-4309	Foam tape 19mm x 33m	£49.36
125-4310	Foam tape 6mm x 33m	£24.05

PVC INSULATING TAPES

- Flame retardant
- Self-extinguishing
- Easy to tear by hand
- UV resistant



134-7321	Black 20m x 12mm	£0.91
134-7329	Black 20m x 38mm	£2.51
134-7319	Black 33m x 19mm	£1.59
134-7330	Blue 20m x 12mm	£0.91
134-7324	Blue 33m x 19mm	£1.59
134-7334	Green 20m x 12mm	£0.91
134-7331	Green 33m x 19mm	£1.59
134-7325	Green/Yellow 20m x 12mm	£0.91
134-7328	Green/Yellow 33m x 19mm	£1.59
134-7327	Red 20m x 12mm	£0.91
134-7323	Red 33m x 19mm	£1.59
134-7333	White 20m x 12mm	£0.91
134-7335	White 20m x 38mm	£0.99
134-7320	White 33m x 19mm	£1.59
134-7332	Yellow 20m x 12mm	£0.91
134-7326	Yellow 33m x 19mm	£1.59
134-7336	Black 20m x 19mm	£0.77

GLASS CLOTH TAPES

- Flame retardant to UL510
- Excellent resistance to acids and oils
- Available in different widths



134-7339	33m x 12mm	£11.22
134-7341	33m x 19mm	£16.74
134-7340	33m x 25mm	£21.69

PHOTOLUMINESCENT FLOOR/WALL GUIDING

- For sudden power failure/no lights
- Hazard warning and emergency exit
- Indoor use only



261-0520	Left, 40mm (W) x 10m (L)	£73.15
261-0542	Right, 40mm (W) x 10m (L)	£73.15

PE COATED BLACK DUCT TAPE

- Pipe and duct sealing tape for use on brickwork and timber
- Easy tear for cutting
- Good adhesion even on rough surfaces
- Water repellent and flexible



373-1577	Black	£7.53
373-1606	Silver	£7.53

RED/WHITE STRIPED WARNING TAPE

- Double thickness
- Water and chemical resistant
- Warns and forbids access to areas
- Varies sizes available



125-2187	80mm x 500m	£13.47
763-2049	70mm x 100mm	£13.91

ALUMINIUM SELF ADHESIVE FOIL TAPE

- Professional grade 50μ foil tape
- Coated with solvent acrylic adhesive
- Seals against moisture and vapour on foil jacketing
- Ideal for the refrigeration industry



131-1980		£5.60
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SELF AMALGAMATING TAPE

- Easily compressed and moulded by hand
- Will not corrode copper
- Dielectric strength 16 kV/mm



494-685	1.5m x 38mm	£7.90
494-708	10m L x 1mm W	£15.94

REFLECTIVE TAPE

- Specially designed for application to plastic and rough substrates
- Should be applied at temperatures between 0°C and +25°C
- Recommended for use on flat surfaces



219-7881	Black/Yellow, 100mm (W) x 25mm (L)	£184.12
219-7897	Black/Yellow, 50mm (W) x 25m (L)	£101.60
219-7904	Red/White, 100mm (W) x 25m (L)	£184.12
219-7910	Red/White, 50mm (W) x 25m (L)	£101.60

PTFE SEALING STRIP

- Resistant to solvents, chemicals and corrosive gases
- Form a high pressure seal between glass, ceramic and metals



512-244	2m (L) x 7mm (W) x 2.5mm thick	£12.83
512-238	12m (L) x 12mm (W), 0.075mm thick	£0.98
231-964	5m (L) x 12mm (W) x 0.2mm thick	£1.20

PRE-CUT DOUBLE SIDED TAPE

- Pre-cut plastic foam base
- Self adhesive on both sides
- Provides good retention on most common surfaces
- Supplied on a continuous reel

**SILICONE SPONGE ADHESIVE TAPE**

- Excellent recovery/compression resistance
- Good compliance with fire/smoke/toxicity requirements
- Fire retardant to UL94-V0
- Medium grade sponge in grey



554-866	5m (L)	£3.23
846-345	10m (L)	£7.50

POLYCHLOROPRENE SEALING STRIP

- Closed cell neoprene sealing strip
- PVC support film and synthetic adhesive
- Good resistance to acids and solvents

**EPDM SELF ADHESIVE FOAM SEALING STRIP**

- Ideal for sealing, damping and cushioning
- Resistant to most caustic chemicals
- Resistant against moisture, UV radiation and ozone



567-963	10m x 12mm x 3mm	£3.14
619-1720	10m x 10mm x 3mm	£16.97
619-1742	10m x 10mm x 5mm	£17.57
619-1758	15m x 10mm x 3mm	£17.27
619-1764	15m x 10mm x 5mm	£17.68
619-1770	20m x 10mm x 3mm	£17.19
619-1786	20m x 10mm x 5mm	£17.98

556-525

£7.79

BLACK PVC SEALING STRIP

- High strength adhesive to keep foam in place during assembly
- Excellent resistance to weather, fungi and oxidation ensures a long seal life
- Easy peel liner prevents stretching during installation
- Applications include; air conditioning, telecommunications, aircraft, marine and automotive industries.



205-0899	10m x 12mm	£5.09
205-0906	10m x 25mm	£7.34
205-0877	15m x 12mm	£5.40
205-0883	15m x 25mm	£8.37

GENERAL PURPOSE TWIN SYRINGE POTTING EPOXY

- 12 hours cure time
- Dual Cartridge
- -20°C to +50°C operating temperature
- 50 ml



733-6781	5m x 12mm x 2.4mm	£13.10
733-6797	5m x 20mm x 6.4mm	£36.29
733-6791	5m x 25mm x 3.2mm	£28.67

851-044

£7.72

REINFORCED SEAL TAPE

- Reinforced gummed paper tape
- Tamper evident
- Temperature tolerant
- Weight: 1.3 kg
- Ideal for packaging supply applications
- 152 m (L) x 70 mm (W)



HIGH GRADE CREPE PAPER MASKING TAPE

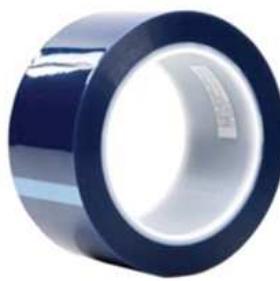
- Temperature resistant to 80°C
- Weight: 90 +/- 2 g/m²
- Thickness: 155 +/- 5 micron
- Tensile strength: 42 +/- 5 N/25mm
- Easy to tear
- Good adhesion – high adhesive strength
- Environmentally friendly



131-1964 19mm x 50m £1.32
131-1966 50mm x 50m £3.12

HIGH TEMPERATURE MASKING TAPE

- High temperature adhesive tape
- Polyester tape
- Silicone adhesive backed
- No residue
- Various thickness available
- Temperature resistant to 200°C – 0.5H
- Voltage resistant to 3 kV



131-2719 12mm x 66m £2.65

HIGH TEMPERATURE KAPTON MASKING TAPE

- Polyimide film
- Silicone adhesive coated
- Temperature resistant to 260°C, 0.5H
- Thickness 65 µm
- 25 mm (W) x 33 m (L)



131-1973 19mm x 50m £1.49
131-1974 25mm x 50m £1.64
131-1975 38mm x 50m £1.89
131-1976 50mm x 50m £2.30
131-1977 75mm x 50m £2.78

131-2725 £23.14

ADHESIVE HAZARD TAPE

- Adheres firmly, but removes easily
- Resistant to moisture/weather, abrasion and chemicals
- For use in temperatures from -10°C to 80°C
- PVC



796-7357 Black/Yellow, 50mm x 33m £7.71
796-7351 Red/White, 50mm x 33m £7.71

PIPE WRAP BANDAGE

- Provides immediate repair in an emergency situation
- Food safe when cured
- Fulfils all the requirements of BS6920



908-2806 £23.96

HEAT SINK COMPOUND

- Chemically inert
- Improves electrical isolation
- Moisture repellent with long-term stability



503-357 35 ml syringe £6.15
725-9993 20 ml syringe £32.59

GENERAL PURPOSE SUPERGLUE

- Forms a strong, clear bond in seconds
- Can be used straight from the container without special preparation



473-455	3g	£1.85
473-461	20g	£9.93
473-433	50g	£19.66

HIGH STRENGTH RETAINER

- High temperature performance
- Prevents leakage and loosening because of vibration and shock
- Help eliminate bearing spin out
- Helps prevent corrosion



908-2745	50ml, R48	£7.99
908-2795	10ml, R41	£3.12
908-2770	50ml, R41	£7.99
917-5380	10ml, R38	£3.09
908-2792	50ml, R38	£7.99

QUICK SETTING EPOXY ADHESIVE

- 10 minutes handling time upon mixing
- Good chemical resistance, and good weather resistance



850-934	40ml	£8.63
406-9592	200ml	£12.44

GEL SUPERGLUE

- Designed not to drip making them ideal for vertical applications
- Fast acting, convenient and versatile adhesive



918-6872	3g tube	£2.66
918-6869	5g bottle	£3.14
473-423	20g tube	£8.73

ELECTRICALLY CONDUCTIVE PAINT

- Silver-loaded conductive paint
- Simple to apply with a brush
- Touch-dry in approximately 10 min and usable in 30 min



186-3593	5g	£20.01
186-3600	20g	£76.02

STRUCTURAL EPOXY ADHESIVE

- Maintains good strength when cured at room temperature
- Solvent free
- Resistant to water and a range of chemicals
- Cures at room temperature



918-1401		£9.83
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CYANOACRYLATE ADHESIVE

- Resistance to impact, vibration and high stress
- Rubber toughened and offers flexibility when bonding metals



908-2802	20g	£6.62
918-6885	20g, black	£18.45
918-6875	3g	£2.98

EPoxy Adhesive

- 2 part thermosetting material
- Epoxy resin adhesive base
- Suitable for use with most plastics, ceramics, wood, metal, glass and graphite



186-3616	Silver loaded, 10g 2 vial	£78.43
850-940	16g 2 tubes	£5.63
850-956	160g 2 tubes	£22.50
132-605	24ml Syringe	£5.43

STRUCTURAL ACRYLIC ADHESIVES

- Two component adhesive
- Versatile bonding
- Achieves high strength bonds
- Good heat resistance
- No need for a surface primer or conditioner



918-1381	25ml	£7.02
918-1394	400ml	£43.55
918-1385	50ml	£8.29
918-1397	Rapid curing 25ml	£9.00
918-1391	Rapid curing 50ml	£15.16

QUICK SET EPOXY ADHESIVE

- Setting time approx. 3 - 5 minutes at room temperature
- Suitable for bonding metals, plastics, wood, ceramics, concrete, and for filling gaps and voids
- Sold in packs of 50 sachets
- RoHS compliant



553-614 £31.44

EPOXY ADHESIVE FOR METAL, STEEL

- Fast curing epoxy putty for permanent emergency repairs
- Machinable and ready for service in 1 hour
- Rapid curing and suitable for low temperature use
- Dry Service Temperature (Max °C) 93°C
- Mix ratio: 1:7:1



691-173	Plastic steel, 500g	£44.76
691-195	Aluminium, 500g tub	£46.77
908-2742	Metal, 57g	£4.37

PNEUMATIC GLUE DISPENSER

- Adhesives are quickly dispensed using air pressure
- Toggle button on the trigger handle for forward or reverse piston rod action
- User-friendly, lightweight and durable



915-8971 £149.20

ADHESIVE DISPENSERS

- Easy to clean
- Smooth even application
- Helical mixing baffle



503-379	Dispenser gun	£174.7
239-7788	Mixing nozzle	£5.73
503-385	Static mixer	£5.94
512-825	Turbo mixer	£5.17

SEALANT APPLICATOR GUN

- Designed for use with 305 ml, 310 ml, 380 ml and 400 ml cartridges of adhesives/sealants



MANUAL GLUE DISPENSER

- Lightweight and durable
- Double gripping plates and steel trigger
- Manual side or top load available



915-8987	1:1 200ml	£48.46
915-8981	1:1 300ml	£65.42
915-8990	10:1 380ml	£57.72
915-8993	1:1 400ml	£55.39

MAGNETITE LOADED EPOXY SYRINGE

- Supplied in a convenient twin syringe
- Forms a strong bond to most metal surfaces
- Instructions for use are printed on the syringe



850-962 £5.51

MECHANICAL GRADE PASTE

- Will bond to most clean surfaces
- Used as a sealant, gasket material or insulator



555-588	Clear 100g tube	£4.35
550-230	Clear 310ml tube	£8.11

NON-CORROSIVE SILICONE SEALANT

- Suitable for use on copper, alloys and other sensitive metals
- Very low odour emission
- Excellent adhesion to most materials



494-118	White, 100g	£6.67
494-102	White, 310ml	£12.20

SILICONE RUBBER COMPOUND

- Flowable fluid compound
- Excellent long term ageing characteristics
- Resistance to water/humidity and dielectric properties



692-542 £7.96

PIPE & THREAD SEALANT

- Good temperature and solvent resistance against water
- Perfect solution for high-pressure sealing
- Fast cure on plated metal surfaces



908-2761 S42, 50ml £7.99
908-2773 S77, 250ml £27.25
908-2809 S77, 50ml £7.99

RE-ENTERABLE POLYURETHANE TWIN PACK

- Ideal for encapsulation of PCBs and delicate units
- Low water absorption and moisture sensitivity during cure
- Low penetrating viscosity
- Excellent low temperature flexibility to -60°C
- Low encapsulation stress
- Excellent electrical properties



195-978 £13.23 **890-4203** £35.51

EPOXY ENCAPSULANT

- Flame-retardant, room temperature curing epoxy
- Cure time: 6/24 hours @25°C
- Provides class E insulation
- Choice of pack sizes



199-1402	50g	£5.91
199-1418	100g	£6.01
199-1424	250g	£8.30
199-1430	500g	£10.60
199-1452	1000g	£18.64

T22 THREADLOCKER

- Designed for easy disassembly of treated parts using hand tools
- Allows screw adjustment
- Holds torque tension specs
- Good on low strength metals such as aluminium or brass



908-2789	10ml	£3.09
908-2733	250ml	£27.25
908-2764	50ml	£7.99

HD STICK ON TAPE

- High-bond adhesive hook and loop tapes are coated with an extreme acrylic adhesive suitable for high and low temperatures, as well as for UV light and outdoor applications.



890-4174	Black 1m (L) x 50mm (W)	£4.40
890-4180	Black 5m (L) x 50mm (W)	£17.11

T43 THREADLOCKER

- Cures quickly on normal plated or oiled metal surfaces
- Good solvent and temperature resistance
- Non-migrated thick gel
- Creates a seal around the thread to prevent leakage or corrosion



908-2758	250ml	£27.25
908-2749	50ml	£7.99

SELF ENGAGING FASTENER

- Rubber-backed, stick on tape mates to itself
- The stem features mushroom type tips which lock together with an audible click so you know the fastener is engaged securely
- Black
- 5 m (L) x 25 mm (W)

**T70 THREADLOCKER**

- Creates a seal around the thread to prevent leakage or corrosion
- Apply a few drops to fix screws, nuts and bolts in position
- Easy to apply
- Offers controlled torque for removal of fasteners



908-2783	10ml	£3.12
908-2767	50ml	£7.99

DISPENSERS & SYRINGES



T90 PENETRATING THREADLOCKER

- Prevent loosening of metal threaded fasteners
- Secures close fitting cylinder parts
- Can apply heat to help speed up curing



908-2786 10ml	£3.12
908-2751 50ml	£7.99

ANTI-SPASH PUMP DISPENSER

- Allows accurate delivery of solvents and cleaners
- Anti-splash design
- Anti-static polymer material makes it compatible in an ESD workplace
- 240 ml (8 oz.)



423-7391	£12.98
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SYRINGES

- White polyethylene syringe, complete with protective cap
- Suitable for the precise application of oils, greases, adhesives and contact cleaners/lubricants



409-1432 12ml	£12.29
409-1448 30ml	£14.09
496-748 6ml	£8.25

THREADLOCKING ADHESIVES

- General purpose
- Slightly oil resistant
- Nature of the product prevents run off, dripping and migration after assembly
- Ideal for use on medium to high strength retaining applications that need small to medium gap filling



918-6901 50ml Green	£9.03
918-6863 50ml Blue	£6.56

DISPENSING SYRINGE

- Medical quality, graduated white translucent polyethylene syringe
- 103 mm long, 13.7 mm diameter
- Rubber plunger
- Sterilised via gamma radiation
- Luer lock fitting takes standard dispensing needles
- 6 ml



514-717	£8.20
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ADHESIVE NOZZLES

- Adhesive dispenser nozzle syringe
- Suitable for pressurised flow of adhesive fluid



918-1404 25ml	£5.82
918-1417 400ml	£13.86
918-1408 50ml	£9.09

WOODEN ANGLED BRUSHES

- Solid wood handle cleaning brushes
- Brass or Stainless Steel bristles



134-5715 Brass Bristle, 12mm Width	£9.95
131-4708 Stainless Steel Bristle, 12mm Width	£11.29

TRIGGER SPRAY

- A translucent polyethylene spray applicator ideal for dispensing cleaning agents
- Can be used with water, IPA and other alcohol based cleaners, acetone, methylene chloride and other solvent based cleaners
- Trigger is adjustable so as to obtain a steady stream or spray
- Re-usable container
- 600 ml



779-318	£7.27
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HAND HELD TAPE DISPENSER

- Lightweight metal design
- Smooth application
- Metal teeth for cutting
- Easy tape reload



912-9324 25mm Width Tape	£8.23
912-9327 50mm Width Tape	£10.30

BENCH TAPE DISPENSERS

- Robust all metal bench tape dispenser
- Can be used with 1 to 3 rolls - model dependant
- Wall mounted, bench mounted or free standing



912-9068	1 x 50mm, 2 x 25mm Width Tape	£14.41
912-9131	1 x 75mm, 3 x 25mm Width Tape	£15.44

CLAMP-ON BENCH TAPE DISPENSER

- Accepts 2 x 25mm or 1 x 50mm width roll
- Bench or worktop mountable
- No fixing screws required
- 75mm core with bench fixing clamp



912-9080		£10.29
912-9226		£36.05

DISPENSER FOR GUMMED TAPE

- Adjustable cutting length
- Uniform clean cutting and wetting
- Tape Roll Capacity: 38mm to 76mm wide
- Up to 190mm diameter Roll and up to 183m length.
- Water Bottle Capacity: 1.25 litre



912-9208	Dispenser	£425.34
528-5414		£6.54

BAG NECK SEALER

- Robust in design
- Easy to use
- Trimming blade and 7mm throat for use with 9 - 12mm tape

**GUMMED TAPE DISPENSER**

- Rugged open design
- Tape width: 80mm
- Easy to use

**CARTON TAPING MACHINE**

- Metal frame carton sealer does not fold the box
- For 50mm tape
- Ideal for all 75mm tapes
- Cost effective



528-5414		£6.54
890-4155	Black 5m (L) x 20mm (W)	£2.33

ANAEROBIC ACTIVATORS

- Helps speed up curing time of anaerobic adhesives and sealants
- Apply by spraying, brushing or dipping
- 200ml

**BLUE DISSIPATIVE BOTTLES**

- Static dissipative dispenser bottles
- Fitted with Menda pump
- One-handed operation



798-9329	120ml (4 oz.)	£11.77
798-9323	180ml (6 oz.)	£13.63

RUBBER ADHESIVE HOOK STRIPS

- Adhesive-backed rubber hook & loop strips provide a strong instant bond
- Apply to a variety of surfaces that include wood, paper, polythene, glass and plastic



890-4155	Black 5m (L) x 20mm (W)	£2.33
890-4146	White 5m (L) x 20mm (W)	£2.33
890-4168	Black 5m (L) x 20mm (W)	£2.33
890-4152	White 5m (L) x 20mm (W)	£2.33

ADHESIVE STRIPS, HOOKS & TIES

BACK TO BACK STRIPS

- Features hooks on one side with loops on the reverse
- Designed to create a reusable strap or tie
- High shear strength with soft loop for easy peel



890-4149	Black 10m (L) x 20mm (W)	£7.76
890-4159	Black 5m (L) x 20mm (W)	£4.00
890-4143	White 10m (L) x 20mm (W)	£7.76

SELF-ADHESIVE HOOK COINS

- Die-cut coin-shaped pieces supplied on a clear poly-liner roll for easy application
- High tack, hot melt, rubber-based adhesive is coated to the back of these hook coins
- Provides an instant bond to a variety of surfaces, including glass, metal, wood and plastic



890-4177	Black 5m (L) x 22mm (W)	£3.71
890-4193	White 5m (L) x 22mm (W)	£6.13
890-4196	Black 5m (L) x 22mm (W)	£3.71
890-4171	White 5m (L) x 22mm (W)	£3.71

ROLL OF SCORE-CUT LOOP PIECE

- Roll of loop pieces that are score-cut into pre-defined squares and backed with high-performance acrylic adhesive
- Can be applied in UV light or extreme temperatures
- Ideal for use with PVC, flexible vinyl and permanent bond applications
- 5m (L) x 25mm (W)



890-4199		£4.11
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RUBBER ADHESIVE MUSHROOM HOOK STRIP

- Provides an extra strength bond
- Regular loop tape for higher strength applications that require minimal opening and closing
- 5m (L) x 20mm (W)



890-4161		£3.24
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SELF-ADHESIVE HOOK COIN PACK

- Die-cut coin-shaped pieces supplied on a clear poly-liner for easy application
- High tack, hot melt, rubber-based adhesive is coated to the back of these hook and loop coins
- Provides an instant bond to a variety of surfaces, including glass, metal, wood and plastic
- 16 x hook coins and 16 x loop coins in each pack
- 16mm diameter



890-4183		£1.22
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HOOK & LOOP CABLE TIES

- Die-cut cable ties feature hooks on one side and loops on the reverse making them the ideal solution to all your cable management applications
- Use to easily sort, tidy, bundle, hold or attach cables as required
- 200mm (L) x 20mm (W)



890-4206		£6.13
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ROLL OF SCORE-CUT HOOK PIECES

- This roll of hook pieces is score-cut into pre-defined squares
- Backed with high-performance acrylic adhesive
- Can be applied in UV light or extreme temperatures
- Ideal for use with PVC, flexible vinyl and permanent bond applications
- 5m (L) x 25mm (W)



890-4165		£4.11
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BACK TO BACK CONTINUOUS TAPE

- Plastic hook and velour loop tape feature hooks on one side with loops on the reverse
- Laminated back-to-back
- High strength hook and loop system
- 10m (L) x 20mm (W)



890-4187		£9.40
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ACRYLIC ADHESIVE HOOK & LOOP STRIP

- Backed with high-performance acrylic adhesive which can be applied in UV light or extreme temperatures
- Ideal for use with PVC, flexible vinyl and permanent bond applications



890-4212	Black 100mm (L) x 50mm (W)	£1.44
890-4219	White 100mm (L) x 50mm (W)	£1.44
890-4216	Black 5m (L) x 20mm (W)	£3.71
890-4225	Black 5m (L) x 20mm (W)	£3.71



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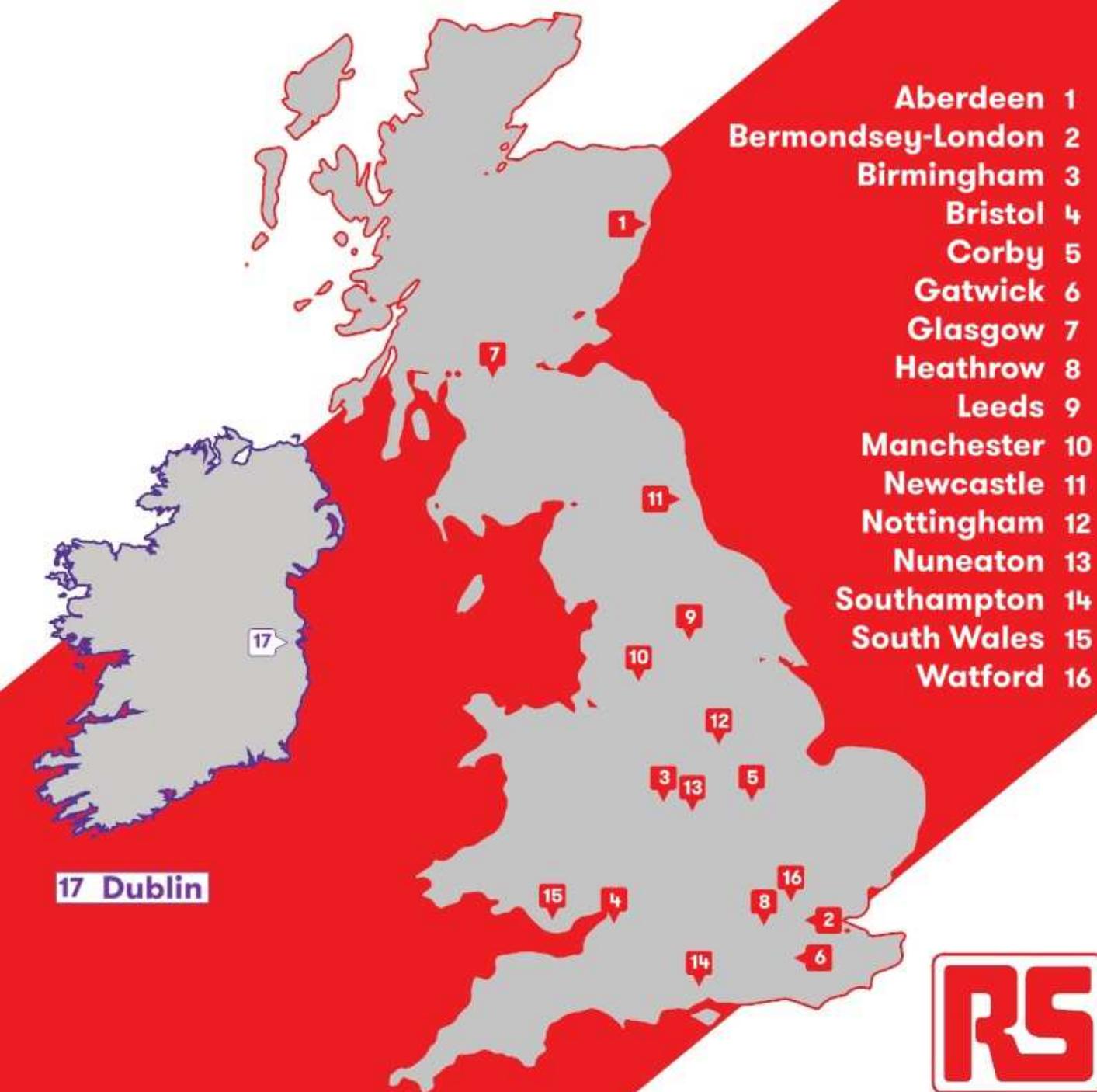
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