

Chemical Transfer

Push-on

Cleaning Equipment

Food Transfer Washdown

Hydraulic

Marine

Material Handling Abrasives Bulk Transfer Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock

Spray

Transfer

Steam

Vacuum

Water Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Appendix Additional Products **Chemical Charts** General Minimum Run Requirements



APPENDIX-CHEMICAL CHARTS

GOODYEAR CHEMICAL RESISTANCE CHARTS

RATINGS AND DEFINITIONS

The Goodyear Chemical Resistance Chart is to be used as a guide only.

- The chemical is expected to have minor or no effect on the product. Product may be used for continuous service. Changes in working conditions, such as concentration of the chemical or temperature, may affect product performance and cause degradation of the product.
- The product may be used for continuous or intermittent service, however the product properties will be affected by the exposure to the chemical. Changes in working conditions, such as concentration of the chemical or temperature, may affect product performance and cause degradation of the product.
- X The product should not be used with this chemical.
- Insufficient or no data available for this chemical. Further testing is recommended to determine compatibility of the chemical with the product.

Caution:

Unless otherwise specified, the ratings applied to tube stocks are based on fully concentrated or saturated solutions at 100° F under normal service conditions.

NOTE:

Hose ratings are for the effect on the polymer only. The degree of resistance of a rubber compound to a specific chemical depends on many variables such as temperature, concentration, length of exposure, stability of chemical, etc. For a specific compound, many grades of polymers are available which can alter the compound's chemical resistance.

WHEN IN DOUBT, before using a specific product, contact your local Goodyear Sales Representative for assistance if unusual service conditions or high temperatures are present in the product application.

THIS CHEMICAL RESISTANCE CHART SUPERSEDES ALL PREVIOUSLY PUBLISHED INFORMATION REGARDING GOODYEAR CHEMICAL HOSE RESISTANCE RATINGS.



See Page 2 for complete product warranty and terms of sale information. In V-Cat, please reference the Conditions of Sale page in the General Information section. Information in this catalog supersedes all previously printed material. Information valid through December 31, 2004. Due to continual product improvements, Goodyear reserves the right to alter specs without prior notice. For the most current product information, visit us online at www.goodvear-hose.com. © 2003. The Goodyear Tire & Rubber Company.

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APPENDIX-CHEMICAL CHARTS

Common Name & Description	Goodyear Trademark	Goodyear Product Polymer in the tube
UHMWPE (Ultra High Molecular Weight Polyethylene)	Pliosyn™	Fabchem
Butyl (Isobutylene and Isoprene)	Weatherex™	Gray Flexwing
Hypalon® (Chlorosulfonated Polyethylene)	Hysunite™	Yellow Flexwing
NR - Natural Rubber (Isoprene, natural)	Pureten™	Tan Flexwing
Viton®	Flosyn™	Orange Flexwing
Nitrile	Chemigum™	Flexwing Petroleum
CPE (Chlorinated Polyethylene)	Chemrin™	Brown Flexwing
EPDM (Ethylene Propylene Diene)	Versigard™	Purple Flexwing
Cross-Link Polyethylene (XLPE)	Speclar™	Blue Flexwing, Green XLPE
Alphasyn™ (Modified Cross-Link Polyethylene)	Alphasyn™	Viper
Teflon [®]		Hiper
316 Stainless Steel		Instalock
Aluminum		Instalock
Brass		Instalock

Caution: This chart and the following chemical resistance charts are intended to reflect the various tube compounds as they pertain to Goodyear petroluem and chemical hose. Always use a Goodyear petroleum or chemical hose when the hose is to be used for conveyance of petroleum or chemicals. Consult the following pages for chemical compatability of the various tube stocks.

 $\ensuremath{\text{@}}\xspace\text{Viton}, \ensuremath{\text{@}}\xspace\text{Teflon}, \ensuremath{\text{and}} \ensuremath{\text{@}}\xspace\text{Hypalon} \ensuremath{\text{are}} \ensuremath{\text{registered}} \ensuremath{\text{trademarks}} \ensuremath{\text{of}} \ensuremath{\text{Dupont}}.$

Air &
Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food <u>Transfer</u> Washdown

Hydraulic

Marine

Material Handling

Abrasives

Bulk Transfer

Cement & Concrete

Mining

Petroleum

Aircraft Fueling

Dispensing

Dock

Transfer

Spray

Steam

Vacuum

Water

Discharge
Suction &
Discharge
Washdown

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Supersedes Catalog #01-130

Air & Multipurpose General Purpose Heavy Duty Push-on

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This chemical chart is offered as a guide only. There are many variables to be considered with each application. Ratings are for tube polymer only! For explanation of ratings see page 272. Contact Goodyear for chemicals or polymers not listed at 800-235-4632.

RATING SCALE	GASKET
= May be used	T = Teflon®

- A = May be used for Continuous Service
 - V = Viton B = Nitrile = May be used N = Neoprene for Intermittent
- S = Silicone

(F

GOODYEAR **GOODYEAR CHEMICAL HOSE FITTING** Orange Flexwing Yellow Flexwing Purple Flexwing Green XLPE Blue Flexwing Gray Flexwing Tan Flexwing Flexwing Petroleum Brown Flex Insta-Lock Insta-Lock HI-PER

Service S = Silicone X = Do not Use	Temperatu	UHMWP	Butyl	Hypalon	R R	Viton®	Nitrile	CPE	EPDM	XLPE	Alphasy	Teflon®	316 SS	Aluminu	Brass	Gasket
I = Insufficient Data, contact Goodyear	lemp		<u> </u>	I			TUBE				A	<u> </u>	~	_	META	
A	, -															
Acetaldehyde	100	В	В	Х	Х	Х	Х	Т	Α	Α	Α	Α	Α	В	Х	TS
Acetic Acid, Conc.	100	Α	Α	Х	В	Х	Х	Α	Α	Α	Α	Α	Α	В	Χ	Т
Acetic Acid, Dilute 10	150	В	Α	Х	Α	Х	Х	Α	Α	Α	Α	Α	Α	ı	Χ	TVN
Acetic Acid, Glacial	100	Α	В	Х	Х	Х	Х	Α	Α	Α	Α	Α	Α	В	Χ	TS
Acetic Aldehyde	100	Α	В	Х	Х	Х	Х	П	Α	Α	Α	Α	Α	В	Χ	Т
Acetic Anhydride	100	В	Α	В	Х	Х	Х	Α	Α	Α	Α	Α	Α	В	Χ	TS
Acetic Ester	100	В	В	Х	Χ	Х	Х	В	Α	Α	Α	Α	Α	Α	Α	TV
Acetic Ether	100	В	В	Х	Х	Х	Х	В	Α	Α	Α	Α	Α	Α	Α	Т
Acetic Oxide	100	В	Α	В	Χ	Х	Х	Α	Α	Α	Α	Α	Α	В	Χ	Т
Acetone	100	Α	Α	Х	В	Х	Х	Α	Α	Α	Α	Α	Α	Α	1	Т
Acetone Cyanohydrin	100	В	Α	Χ	Χ	Χ	Χ	Α	Α	Α	Α	Α	1	ı	Ι	TS
Acetyl Acetone	100	В	В	Χ	Χ	Х	Х	В	ı	Α	Α	Α	1	В	Ι	Т
Acetyl Chloride	100	В	Х	Х	Χ	В	Χ	Α	В	В	Α	Α	В	Χ	Α	TV
Acetyl Oxide	100	В	Α	В	Χ	Χ	Χ	Α	Α	Α	Α	Α	Α	В	Χ	Т
Acetylene (dry)	100	Α	Α	Α	Α	Α	Α	Α	Α	Α	Χ	Α	Α	ı	Ι	TVBNS
Acetylene Dichloride	100	В	Χ	Χ	Χ	Α	Χ		I	Α	Χ	Α	1	Α	Χ	TV
Acetylene Tetrachloride	100	В	Χ	Χ	Χ	Α	Χ	1	1	Α	1	Α	Α	Χ	Χ	TV
Acrolein	100	В	Α	В	В	Α	В	1	I	Α	Α	Α	ı	ı	_	TV
Acrylic Acid	100	В	Χ	Χ	Χ	Α	Χ	X	Χ	Α	Α	Α	Α	ı	_	TV
Acrylonitrile	100	В	Χ	Χ	Χ	Χ	Χ	Α	Χ	В	Α	Α	Α	Χ	1	Т
Alk-Tri	100	ı	Χ	Χ	Χ	Α	Х		ı	Α	Ι	Α	Α	ı	ı	TV
Allyl Alcohol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	ı	Α	TBN
Allyl Bromide	100	В	Χ	Χ	Χ	В	Х	В	ı	В	1	Α	1	1	1	Т
Allyl Chloride	100	В	Χ	Х	Χ	В	X	В	Χ	В	1	Α	Α	Χ	Χ	TS
Alum	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	ı	Χ	TVBNS
Aluminum Acetate	100	Α	Α	Α	Χ	Χ	X	Α_	Α	Α	Α	Α	Α	ı	Χ	Т
Aluminum Chloride	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	1	ı	Χ	TVB
Aluminum Formate	100	Α	В	Χ	Χ	Χ	Χ	1	ı	Α	Α	Α	ı	ı	ı	Т
Aluminum Hydroxide	150	Α	Α	В	Α	Х	В	Α	Α	Α	Α	Α	Α	ı	Χ	TS
Aluminum Sulfate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Χ	Χ	TVBNS
Aminoethanol	100	Α	Α	В	В	ı	В	Α	ı	Α	Α	Α	Α	В	ı	TBN
Aminoethylethanolamine	100	Α	Α	В	В	ı	В	Α	1	Α	Α	Α	1	1	1	Т
Ammonia			NO	НО	SE	REC	OMM	END	ED	FOR 1	THIS	AP	PLI	CAT	ION	
Ammonia Cupric Sulfate	150	Α	Α	Α	Χ	Α	Α	Α	Α	Α	Α	Α	1	1	ı	TVB
Ammonium Chloride	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Χ	X	TVBN
Ammonium Hydroxide	150	Α	Α	В	Α	Х	X	Α	Χ	Α	Α	Α	Α	Χ	ı	TNS
Ammonium Nitrate (ANFO)	150			SI	PEC	IAL	HOSE	I	QU	IRED			Α	В	Χ	TVBS
Ammonium Phosphate	150	Α	Α	Α	Α	Α	Α	A	Α	Α	Α	Α	Α	Χ	Χ	TVBNS
Ammonium Sulfate	150	Α	Α	Α	Α	Α	Х	Α	Α	Α	Α	Α	Α	Χ	Χ	TVNS
Ammonium Sulfide	150	Α	Α	Α	Α	Α	X	Α	Α	Α	Α	Α	Α	Χ	Χ	TVN



Air & Multipurpose

New Products

General Purpose Heavy Duty Push-on

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Additional Products Chemical Charts General Information Minimum Run Requirements

This chemical chart is offered as a guide only. There are many variables to be considered with each application. Ratings are for tube polymer only! For explanation of ratings see page 272. Contact Goodyear for chemicals or polymers not listed at 800-235-4632. **RATING SCALE GASKET**

T = Teflon®

V = Viton

B = Nitrile

N = Neoprene

S = Silicone

GOODFYEAR

- A = May be used for Continuous Service
- B = May be used for Intermittent Service
- not He

-						CHE		AL HOS	E					YEAR TING
r	/	ing	Wino	6/6/	Flexwing 19	,	Flexwing	Flexwing XLPE	ing	/	/		/ ,	/ /
/	hem	rlexwing	Fley	riexwing no.	ye Fle	leum	Flex	e Flexw	. /		×/-	100K	70ck	4007.
Faho	Fabchem Gray Flexwing Yellow Flexwing Orange Flexwing Petroleum Brown Flexwing Green XLPE Viper HLDD											Insta ,	Instal	Insta-Lock
/PE									syn™	(S)				
UHMWPE	Butyl	Hypalon®	N N	Viton®	Nitrile	CPE	EPDM	XLPE	Alphasyn™	Teflon®	316 SS	Aluminum	Brass	Gasket
			Н	OSE	TUBE I	POLY	MER	1		\mathcal{I}		N	ИЕТА	L /

X = Do not Use	bei	불	But	₽ H	뿚	Vito	Rit	SPE	品	XLP	Alpl	Tef	316	Alur	Bra	Gas		
I = Insufficient Data, contact Goodyear	Teffic Apple Apple Teffic Apple											$\overline{}$	METAL					
Ammonium Sulfite	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Х	ı	TVBN		
Ammonium Thiosulfate	100	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	В	Χ	TVBN		
Amyl Acetate	100	Α	Α	В	Х	Χ	Х	Х	В	Α	Α	Α	Α	Α	ı	Т		
Amyl Alcohol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	ı	Α	TBNS		
Amyl Chloride	100	Α	Χ	Х	Χ	Α	Х	Х	Χ	Α	В	Α	Α	Χ	1	ΤV		
Amyl Oleate	100	Α	Χ	Х	Χ	Ι	В	ı	ı	Α	1	Α	1	Ι	1	Т		
Amyl Phenol	100	Α	Χ	Х	Χ	Α	Х	ı	I	Α	1	Α	1	ı	ı	ΤV		
Amyl Phthalate	100	Α	Α	Х	Χ	Χ	Χ	ı	I	Α	1	Α	ı	ı	1	Т		
Amylamine	100	Α	В	Х	Χ	Х	Χ	В	Χ	Α	1	Α	ı	1	1	Т		
Anethole	100	Х	Χ	Х	Χ	В	Х	Х	I	Χ	1	Α	1	ı	ı	Т		
Anhydrous Ammonia			NO	НО	SE	REC	СОММ	END	ED	FOR ⁻	THIS	S AF	PLI	CAT	ION			
Aniline	100	Α	Α	Х	Х	Α	Х	В	Α	Α	Α	Α	Α	В	Χ	ΤV		
Animal Grease	100	Α	Χ	Х	Х	Α	Α	В	Χ	Α	Α	Α	Α	Α	ı	TVB		
Animal Oils	100	Α	В	Х	Χ	Α	Α	Α	Χ	Α	В	Α	Α	Α	1	TVB		
Antimony Pentachloride	100	Α	Χ	Х	Х	ı	Х	П	Χ	В	В	Α	ı	ı	1	Т		
Aqua Ammonia	150	Α	Α	В	Α	Α	В	В	В	Α	Α	Α	Α	Χ	ı	ΤV		
Aromatic Spirits	100	Α	Χ	Х	Χ	Α	Х	ı	Χ	Α	Ι	Α	Α	ı	1	ΤV		
Aromatic Tar	100	Α	Χ	Х	Х	Α	Х	В	Χ	Α	Ι	Α	ı	Ι	1	ΤV		
Arquads	100	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	ı	ı	ı	TVB		
Arsenic Acid	100	Α	Α	Α	Α	ı	Х	Α	Α	Α	Α	Α	Α	Χ	Χ	TVS		
Arsenic Chloride	100	ı	Χ	Х	Χ	Χ	Х	Х	Χ	Χ	Χ	Α	1	Ι	1	TN		
Arsenic Trichloride	100	ı	Χ	Х	Χ	Χ	Χ	Х	Χ	Χ	Χ	Α	Χ	_	I	TN		
Asphalt	500			SI	PEC	IAL	HOSE	RE	QU	IRED			Α	ı	1	TVN		
ASTM #1 Oil	100	Α	Χ	В	Χ	Α	Α	Α	Χ	Α	Α	Α	Α	Α	I	TVBNS		
ASTM #2 Oil	100	Α	Χ	Χ	Χ	Α	Α	Α	Χ	Α	Α	Α	Α	Α	Α	TVB		
ASTM #3 Oil	100	Α	Χ	Χ	Χ	Α	Α	Α	Χ	Α	Α	Α	Α	Α	Α	TVB		
В																		
Barium Carbonate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Χ	I	TVBN		
Barium Chloride	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Χ	1	TVBN		
Barium Hydroxide	150	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	Χ	Χ	TBNS		
Barium Sulfate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	В	Α	Χ	TVBS		
Barium Sulfide	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Χ	Χ	TVBS		
Benzal Chloride	100	Α	В	ı	ı	ı	X	X	1	Α	1	Α	В	Χ	1	Т		
Benzaldehyde	100	Α	В	Χ	Χ	Χ	X	Х	В	Α	В	Α	Α	В	ı	Т		
Benzene (Benzol)	100	ı	Χ	Χ	Χ	Α	Х	X	Χ	Α	1	Α	Α	Α	Α	TV		
Benzine (Ligroin)	100	Α	Χ	Χ	Χ	Α	Α	ı	Χ	Α	В	Α	Α	Α	1	TVB		
Benzine Solvent (Ligroin)	100	Α	Χ	Х	Χ	Α	Α	ı	Χ	Α	I	Α	Α	Α	I	TVBS		
Benzoic Acid	100	Α	В	В	Х	Ι	ı	Α	В	Α	Α	Α	В	В	Χ	TVN		
Benzoic Aldehyde	100	Α	В	Х	Χ	Χ	Х	Χ	В	Α	1	Α	Α	1	В	Т		
Benzotrichloride	100	Χ	Ι	ı	ı	1	Х	Χ	Χ	Χ	Χ	Α	1		ı	Т		
Benzoyl Chloride	100	Х	ı	I	I	ı	X	X	Χ	В	X	Α	В	ı	I	Т		



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RATING SCALE	GASKET
A = May be used	T = Teflon®
for Continuous	V - Viton

Service **B** = May be used for Intermittent Service

B = Nitrile N = Neoprene **S** = Silicone

rature (°F)

								AL HOS	E					YEAR TING
,	/ /	wing	Xwing	gui	Flexwing 1g	_ /	Flexwing	Flexwing XLPF	wing	/ ,	/ ,		/_ /	/ /
Fabor	Well A	CHEXWING	Fig.	FIEXWING	Flexwing	Mue	Fle	Green XLPE	r lexwing er	HI-PER	אַ /ק ני	Insta ,	Insta-1	Insta-Lock
Fab												Insi	Insu	lsu
UHMWPE	Butyl	Hypalon®	NR.	Viton®	Nitrile	CPE	EPDM	XLPE	${\bf Alphasyn}^{{\scriptscriptstyle TM}}$	Teflon ®	316 SS	Aluminum	Brass	Gasket
$\overline{\ }$			Н	OSE	TUBE	POLY	MER	1		$\overline{\mathcal{I}}$	$\overline{\ }$	N	ΙΕΤΑ	L /

X = Do not Use	Тетре	돌	But	Нур	뿔	Vito	Nitr	핑	F	XLP	Alpl	Tef	316	Aluı	Bra	Gas
I = Insufficient Data, contact Goodyear	lem	$\overline{}$			Н	OSE	TUBE	POLY	MER			$\overline{}$	$\overline{}$	N	ИЕТА	L /
,		_	۸	_	V	V	V			Δ.	_		_			
Benzyl Alcehol	100	Α	A	В	X	X	X	В	Х	A A	В	A	B A	1	-	TVC
Benzyl Alcohol	100	A	A	X		Α_	X	A			Α	Α		В	I V	TVS
Benzyl Chloride	100	Α	X	X	X	A	X	X	X	A	ı	Α	Α	X	X	TV
Bichromate of Soda	150	Α	A	X	1		<u> </u>			A	Α	Α	ı	<u> </u>		T
Black Sulfate Liquor	150	Α	X	В	В	В	В	A	В	A	Α	Α	Α	X	X	TVBN
Black Sulfate Liquor	275	X	X	X	X	X	X	Α.	X	X	X	Α	Α	X	X	T
Bleach	100	Χ	В	Χ	Х	В	X		Α	X	В	Α	Χ	X	X	TV
Brine	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Х	1	TVBNS
Bromine	100	Χ	Χ	Х	Х	В	Χ	I	Χ	Х	Χ	Α	Х	Χ	X	TV
Bromo Benzene	100	В	Χ	Χ	Х	В	Χ	Х	Χ	Χ	Χ	Α	ı	ı	ı	TV
Bromo Toluene	100	Χ	Χ	Χ	Χ	В	Х	X	Χ	Χ	Χ	Α	ı	ı	ı	T
Bromochloromethane	100	Χ	В	Χ	Χ	В	Χ	X	ı	Χ	Α	Α	Α	Χ	X	Т
Bunker C.	100	В	Χ	Χ	Χ	Α	Α	1	Χ	Α	В	Α	Α	ı	1	TVB
Bunker Oil	100	В	Χ	Х	Χ	Α	Α	1	Χ	Χ	В	Α	Α	ı	1	TVB
Butanol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	ı	1	TBN
Butyl (Normal) Alcohol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	ı	1	TBN
Butyl (Secondary) Alcohol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	-	1	TBN
Butyl Acetate	100	Α	Α	В	Χ	Χ	Χ	В	В	Α	В	Α	Α	В	1	T
Butyl Acetoacetate	100	Α	Χ	Χ	Χ	Χ	Χ	Х	-	Α	В	Α	1	Ι	1	Т
Butyl Acrylate	100	В	Χ	Χ	Χ	Χ	Χ	В	Χ	В	В	Α	ı	ı	Τ	Т
Butyl Alcohol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	Т	1	TBN
Butyl Aldehyde	100	Α	В	Х	Χ	Χ	Χ	В	Χ	Α	В	Α	Χ	Α	Χ	Т
Butyl Amine	100	Α	В	Χ	Χ	Χ	Χ	В	Χ	Α	В	Α	Α	Α	Ι	Т
Butyl Benzene	100	Α	Х	Х	Χ	Α	Χ	Х	Χ	Α	В	Α	1	Т	1	ΤV
Butyl Benzl Phthalate	100	Α	Α	Х	Χ	Χ	Χ	ı	ı	Α	ı	Α	ı	ı	1	Т
Butyl Bromide	100	В	Χ	Χ	Χ	В	Χ	Х	Χ	В	В	Α	I	ı	1	Т
Butyl Butyrate	100	В	Χ	Х	Χ	Χ	Χ	Х	ı	В	ı	Α	ı	Ι	1	ΤV
Butyl Carbitol	100	Α	Α	Α	Х	Ι	Χ	Α	В	Α	Α	Α	ı	Ι	ı	Т
Butyl Cellosolve	100	Α	Α	Α	Χ	Χ	Χ	Α	Α	Χ	Α	Α	Α	Α	Х	Т
Butyl Chloride	100	В	Χ	Х	Х	Α	Х	Х	ı	В	ı	Α	В	ı	ı	ΤV
Butyl Ether	100	Α	Χ	В	Х	Χ	В	Α	Χ	Α	Α	Α	Α	ı	ı	Т
Butyl Ethyl Acetaldehyde	100	Α	В	Х	Х	Χ	Χ	ī	ī	Α	В	Α	ı	ı	ī	Т
Butyl Ethyl Ether	100	Α	Χ	В	Х	ı	В	ı	Χ	Α	Α	Α	ı	ı	Т	Т
Butyl Phthalate	100	Α	Α	Х	Х	Χ	Χ	ī	ī	Α	Α	Α	Α	Α	ī	Т
Butyl Stearate	100	Α	Х	Х	Х	ı	Α	В	Х	Α	В	Α	Α	Α	Α	TBS
Butylate	100	Α	I	1	ī	ı	ī	ī	Α	ı	Ī	ī	1	I	ī	1
Butyraldehyde	100	Α	В	Х	Х	Χ	X	В	Х	A	В	Α	X	Α	X	T
Butyric Acid	100	Α	X	В	Х	1	X	Α	В	Α	Α	Α	Α	В	ı	T
Butyric Anhydride	100	Α	X	В	X	i	X	ì	ı	A	1	Α	1	ī	Ė	T
C	100	, ,	, ,		,,	•		<u> </u>		- / \		, ,				<u> </u>
	100	٨	Λ	Λ	V		V	_	ı	٨	Λ	٨	ı	,		
Cadmium Acetate	100	Α	Α	Α	Χ	Χ	Χ	Α	ı	Α	Α	Α	ı	ı	ı	T



Air & Multipurpose General Purpose

> Heavy Duty Push-on

Chemical Transfer

Cleaning Equipment

Food Transfer Washdown

Hydraulic

Marine

Material Handling Abrasives Bulk Transfer Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock

Transfer

Spray

Steam

Vacuum

Water Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Appendix

Additional Products Chemical Charts General Information Minimum Run Requirements

GOODFYEAR This chemical chart is offered as a guide only. There are many variables to be considered with each application. Ratings are for tube polymer only! For explanation of ratings see page 272. Contact Goodyear for chemicals or polymers not listed at 800-235-4632. **GASKET**

T = Teflon®

V = Viton

B = Nitrile

N = Neoprene

S = Silicone

RATING SCALE

- = May be used for Continuous Service
- B = May be used for Intermittent
- Service = Do not Use

(F)
nperature
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							_		AL HOS	E		Ì			OYEAR \
r		/ ,	ing	Wind	6/6/	Flexwing ng		Wino	Flexwing	ing	/	/	/	/ ,	/ /
			rlexwing	, Flex	rexwing	ing Fle	un _e	Flex	Klex XLP	rlexwing		/ ح	10ck	10ck	¥307
	Faber	Grav	, sello	Tan Ei Flexwing	Orang	Flexwing	Brown	Purnt Flexwing	Green XLPE	Viper	HI-PER	Instal	Instal	Install	Insta-Lock
									/	-					
	UHMWPE	Butyl	Hypalon®	N.	Viton®	Nitrile	CPE	EPDM	XLPE	Alphasyn™	Teflon®	316 SS	Aluminum	Brass	Gasket
				Н	OSE	TUBE I	POLY				$\overline{\mathcal{I}}$		N	ΙΕΤΑ	L /

X = Do not Use I = Insufficient Data,	lbe	H	But	H Y	R	Vito	Nit	CP	믑	ХГІ	Alp	Tef	316	Alu	Bra	Gas
contact Goodyear	Tempe	HOSE TUBE POLYMER META											/IETA	L /		
Calcium Acetate	100	Α	Α	Α	Х	Х	Х	Α	Α	Α	Α	Α	Α	ı		ТВ
Calcium Aluminate	100	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	I	ī	ī	TVB
Calcium Bichromate	150	Х	Α	Х	1	ī	ī	ī	1	Х	1	Α	ı	ı	ī	T
Calcium Bisulfate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Χ	Х	TVBN
Calcium Bisulfite	150	Α	Α	Α	Α	Α	Α	Α	Α	ı	Α	Α	Α	Х	Х	TVBNS
Calcium Carbonate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	I	Х	TVBNS
Calcium Chloride	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	В	Χ	Х	TVBNS
Calcium Hydroxide (Caustic Lime)	100	Α	Α	В	Α	Х	В	Α	Α	Α	Α	Α	Α	Χ	Х	TNS
Calcium Hypochlorite	100	В	В	Х	Х	В	Х	Α	В	Х	Α	Α	Α	Χ	Х	ΤV
Calcium Nitrate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	В	Χ	Х	TVBN
Calcium Silicate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	ı	Α	1	TVBN
Calcium Sulfate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	I	ı	TVBS
Calcium Sulfhydrate	100	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	ı	I	ı	TVB
Calcium Sulfide	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Χ	Х	TVBN
Calcium Sulfite	150	Α	Α	Α	Х	Α	Α	Α	Α	Α	Α	Α	В	В	Х	TVBNS
Caprylic Acid	100	Α	Χ	В	Χ	ı	Χ	Α	ı	Α	Α	Α	В	I	Χ	Т
Carbitol	100	Α	Α	Α	Χ	ı	Χ	Α	Α	Α	Α	Α	В	Α	Χ	Т
Carbitol Acetate	100	Α	В	В	Χ	ı	Χ	1	ı	Α	Α	Α	1	I	ı	Т
Carbolic Acid, Phenol	100	Α	Α	Х	Х	Α	Χ	Α	Х	Α	В	Α	Α	В	Α	TV
Carbon Dioxide	100	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	В	ı	TVBNS
Carbon Disulfide			NO	НО	SE	REC	OMM	END	ED	FOR 1	THIS	AP	PLI	CAT	ION	
Carbon Tetrachloride	100	В	Χ	X	Χ	Α	Х	Χ	Χ	Α	В	Α	Α	ı	1	TV
Carbonic Acid	100	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	В	В	TVBS
Casinghead Gasoline	100	В	Х	Χ	Χ	Α	Α	В	Χ	В	В	Α	ı	ı	ı	TVB
Caster Oil (Castor Oil)	100	Α	Α	Α	Χ	Α	Α	Α	Α	Α	Α	Α	Α	Α	ı	TVBS
Caustic Potash	150	Α	Α	В	Α	Χ	В	Α	В	Α	Α	Α	Α	Χ	Х	Т
Caustic Soda	150	Α	Α	В	Α	Χ	В	Α	Α	Α	Α	Α	Α	Χ	Х	TNS
Cellosize	100	Α	Α	Χ	Х	ı	X	1	ı	Α	Α	Α	1	ı	ı	T
Cellosolve	100	Α	Α	Α	Х	Χ	Х	1	Α	Α	Α	Α	Α	Α	Х	T
Cellosolve Acetate	100	Α	В	В	Χ	Х	X	X	В	Α	Α	Α	Α	I	Х	Т
Chloracetic Acid	100	Α	X	X	В	X	Х	Α	Χ	Α	Α	Α	Α	Χ	Χ	T
Chlorinated Solvents	100	В	X	Х	Χ	Α	Х	В	Х	Α	1	Α	В	Χ	Α	TV
Chlorine (Dry) (Gas)										FOR 1						
Chlorine (Wet)	100	X	Χ	X		В				Х	X	Α	Χ		X	TV
Chloroacetone	100	Α	ı	Х	Х	Χ	Х	Χ	Х	Α	1	Α	Α	Χ	Х	T
Chlorobenzene	100	В	Χ	X	Х	Α	Χ	X	Х	Α	В	Α	Α	В	ı	TV
Chlorobenzol	100	Α	Χ	X	Х	Α	Χ		Х	Α	В	Α	Α	В	1	TV
Chlorobutane	100	X	Χ	X	Х	Α	Χ	X	ı	Х	1	Α	ı	ı	ı	TV
Chloroethylbenzene	100	Α	Χ	Х	Χ	Α	Х	1	Х	Α	ı	Α	I	I	ı	TV
Chloroform	100	В	Χ	X	Х	В	Χ	X	Х	X	В	Α	Α	В	I	TV
Chloropentane	100	Α	X	Х	X	Α	Х	X	Х	Α	I	Α	Α	Χ	I	TV



Air & Multipurpose General Purpose Heavy Duty Push-on

> Chemical Transfer

Cleaning Equipment

Food Transfer Washdown

Hydraulic

Marine

Material Handling Abrasives Bulk Transfer Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock Transfer

Spray

Steam

Vacuum

Water Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Appendix Additional **Products** Chemical Charts General Information Minimum Run Requirements

GOODFYEA	R

This chemical chart is offered as a guide only. There are many variables to be considered with each application. Ratings are for tube polymer only! For explanation of ratings see page 272. Contact Goodyear for chemicals or polymers not listed at 800-235-4632.

RATING SCALE	GASKET
A = May be used	T = Teflon®
for Continuous	V = Viton
Service	P - Nitrilo

em						TUBE I							1	/IETA		7
emperature	UHMWPE	Butyl	Hypalon®	NR	Viton®	Nitrile	CPE	EPDM	XLPE	Alphasyn™	Teflon ®	316 SS	Aluminum	Brass	Gasket	
(°F)	Fabor	Grav E.	Yellow	Tan E.	Oranci	Flexwing Petroing	Brown	Purn	Green XLPF	_ /	HI-PER	Instal	Insta ,	Install	Insta-Lock	5
year for 632.	,	/ /	wing	Xwing	ing	Flexwing	_ /	Flexwing	Flexwing	wing	/ ,	/ ,	/	/_/	/ /	_
n appli- expla-							CHE	MICA	AL HOSI	E		`			YEAR TING	\

Service B = Nitrile	್ಲಿ	_	0	_	/~		44	/ 49	1	049		4	/	/ *	/ 👋	
B = May be used for Intermittent Service X = Do not Use I = Insufficient Data,	Temperature	UHMWPE	Butyl	Hypalon®	N.	Viton®	Nitrile	CPE	EPDM	XLPE	Alphasyn™	Teflon ®	316 SS	Aluminum	Brass	Gasket
contact Goodyear	Te Te				Н	OSE	TUBE	POLY	MER	!		\mathcal{I}		N	/IETA	<u>.</u> L
Chlorophenol	100	Α	Χ	Χ	Χ	В	Χ	Χ	Χ	Χ	В	Α	ı	ı	ı	TV
Chloropropanone	100	Α	1	Χ	Χ	Χ	Χ	Χ	Χ	Α	ı	Α	ı	ı	1	Т
Chlorosulfonic Acid	100	Χ	Χ	Χ	Χ	Χ	Χ	ı	Χ	Χ	Χ	Α	В	Χ	Χ	T
Chlorothene	100	Χ	Χ	Χ	Χ	Α	Χ	ı	Χ	Α	ı	Α	Α	ı	1	TV
Chlorotoluene	100	Χ	Χ	Χ	Χ	Α	Χ	Χ	Χ	Χ	ı	Α	Α	ı	ı	TV
Chlorpyrifos	100	I	ı	ı	ı	ı	- 1	ı	Χ	ı	ı	ı	ı	ı	ı	1
Chromic Acid 25%	100	В	Χ	В	Χ	ı	Χ	Α	Χ	Χ	В	Α	В	Χ	Χ	TV
Coal Oil	100	Α	Χ	Χ	Χ	Α	Α	Α	Χ	Α	Α	Α	Α	Χ	Α	TVB
Coal Tar	100	Α	Χ	Χ	Χ	Α	Χ	В	Χ	Α	Α	Α	Α	ı	ı	TVS
Coal Tar Naptha	100	Α	Χ	Χ	Χ	Α	Χ	В	Χ	Α	Α	Α	Α	Α	1	TV
Copper Chloride	100	Α	Α	Α	Χ	Α	Α	Α	Α	Α	Α	Α	Χ	Χ	Χ	TVBNS
Copper Hydrate	100	Α	Α	В	Χ	Χ	В	ı	1	Α	Α	Α	Ι	ı	- 1	ТВ
Copper Hydroxide	100	Α	Α	В	Χ	Χ	В	ı	1	Α	Α	Α	1	ı	1	ТВ
Copper Nitrate	100	Α	Α	Α	Χ	Α	Α	Α	Α	Α	Α	Α	Α	Χ	Χ	TVBNS
Copper Nitrite	100	Α	Α	Α	Χ	Α	Α	Α	Α	Α	Α	Α	I	ı	1	TVB
Copper Sulfate	100	Α	Α	Α	Χ	Α	Α	Α	Α	Α	Α	Α	Α	Χ	Χ	TVBNS
Copper Sulfide	100	Α	Α	Α	Χ	Α	Α	Α	Α	Α	Α	Α	1	ı	1	TVB
Creosols	100	Α	Α	Χ	Χ	Α	Χ	Α	Χ	Α	В	Α	Α	ı	Χ	TV
Creosote	100	Α	Χ	Χ	Χ	Α	В	ı	Χ	Α	В	Α	Α	ı	ı	TV
Cresylic Acid	100	Α	Α	Χ	Χ	ı	Χ	Х	Χ	Α	ı	Α	Α	В	Χ	TV
Crotonaldehyde	100	Α	Α	Χ	Χ	Χ	Χ	Α	ı	Α	Α	Α	I	ı	ı	Т
Crude Oil	100	Α	Χ	Χ	Χ	Α	Α	В	Χ	Α	В	Α	Α	Α	ı	TVB
Cumene	100	Α	Χ	Χ	Χ	Α	Χ	Х	Χ	Α	В	Α	ı	ı	ı	TV
Cupric Carbonate	100	Α	Α	Α	Χ	Α	Α	Α	Α	Α	Α	Α	I	ı	ı	TVBN
Cupric Chloride	100	Α	Α	Α	Χ	Α	Α	Α	Α	Α	Α	Α	В	Χ	ı	TVBNS
Cupric Nitrate	100	Α	Α	Α	Χ	Α	Α	Α	Α	Α	Α	Α	В	ı	ı	TVBN
Cupric Nitrite	100	Α	Α	Α	Χ	Α	Α	Α	Α	Α	Α	Α	Ι	ı	ı	TVB
Cupric Sulfate	100	Α	Α	Α	Χ	Α	Α	Α	Α	Α	Α	Α	ı	ı	ı	TVBNS
Cyclohexane	100	Α	Χ	Χ	Χ	Α	В	Α	Χ	Α	В	Α	Α	В	Χ	TV
Cyclohexanol	100	Α	Χ	Χ	Χ	В	В	Α	Χ	Α	В	Α	Α	Χ	Χ	TVB
Cyclohexanone	100	Α	Χ	Χ	Χ	Χ	Х	Χ	Χ	Α	В	Α	Α	ı	ı	Т
Cyclopentane	100	Α	Χ	Χ	Χ	Α	В	В	Χ	Α	В	Α	Ι	ı	ı	TVN
Cyclopentane, methyl	100	Α	Χ	Χ	Χ	Α	В	ı	Χ	Α	В	Α	I	ı	ı	TV
Cyclopentanol	100	Α	Χ	Χ	Χ	В	В	Α	Χ	Α	Α	Α	ı	ı	ı	TVB
Cyclopentanone	100	Α	Χ	Χ	Χ	Χ	Χ	Х	Χ	Α	В	Α	ı	ı	ı	Т
D																
D.D.T. in Kerosene	100	Α	Χ	Х	Х	Α	Α	Α	Х	Α	В	Α	ı	ī	Α	TVB
D.M.P.	100	Х	X	X	X	X	X	X	X	X	A	Α	A	i	ı	TV
Decalin	100	Х	X	X	X	Α	X	X	X	A	X	Α	ı	i	i	TV
Decanol	100	Α	Α	Α	Х	В	A	A	Α	Α	Α	Α	i	Ī	ı	TB
Decyl Alcohol	100	Α	Α	A	X	В	A	Α	Α	A	A	Α	i	i	i	ТВ
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GOODYEAR CHEMICAL HOSE

Supersedes Catalog #01-130

GOODYEAR

FITTING

Air & Multipurpose General Purpose Heavy Duty

New Products

Chemical Transfer

Push-on

Cleaning Equipment

Food Transfer Washdown

Hydraulic

Marine

Material Handling Abrasives Bulk Transfer Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock

Spray

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RATING SCALE T = Teflon® A = May be used

	(F)
	Temperature
	100
Г	

for Continuous V = Viton Service B = Nitrile	(°F)	Fabo	Gray.	, kell	Tan	Oran	Flex	Brow	Pur	Gree Blue	Vipe	H-p	Insta	Insta	Insta	Insta
B = May be used for Intermittent Service X = Do not Use I = Insufficient Data,	Temperature	UHMWPE	Butyl	Hypalon®	N.	Viton®	Nitrile	CPE	EPDM	XLPE	Alphasyn™	Teflon®	316 SS	Aluminum	Brass	Gasket
contact Goodyear	<u> </u>				Н	IOSE	TUBE	POLY	MER			\mathcal{I}		N	/IETA	.L/
Decyl Aldehyde	100	Α	Χ	Χ	Χ	Χ	Χ	I	ı	Α	В	Α	ı	ı	ı	Т
Decyl Butyl Phthalate	100	Α	Α	Х	Χ	Χ	Х	I	ı	Α	ı	Α	ı	ı	ı	T
Denatured Alcohol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	В	Α	ТВ
Diacetone Alcohol	100	Α	Α	В	В	Χ	X	Α	Х	Α	Α	Α	Α	<u> </u>		T
Diamyl Phenol	100	Α	X	X	X	A	X	Α	X	Α		Α	<u> </u>	ı	<u> </u>	TV
Diamylamine	100	A	A	X	В	ı	В	A	I	Α	В	Α	<u> </u>	1		TB
Diamylene Dibarryl Ethar	100	Α	X	X	X	Α	X	В	X	A	В	Α	1	1	I	TV
Dibenzyl Ether Dibromobenzene	100	A B	B X	X	X	I A	X	X	Х	A A	B	A	A	A	X	TV
Dibutyl Amine	100	A	X	X	В	X	В	A	Χ	A	A	A	1	i	÷	T
Dibutyl Ether	100	A	X	В	Х	X	X	A	X		A	A	A	A	X	Ť
Dibutyl Phthalate	100	Α	A	Х	X	X	X	X	Α	A	Α	Α	Α	Α	1	ΤV
Dibutyl Sebacate	100	Α	A	X	Х	Х	X	В	Х	A	1	Α	ī	ı	i	TVS
Dicalcium Phosphate	100	Α	Α	Α	Α	Α	A	A	Α	A	A	Α	ı	ı	i	TVB
Dicamba	100	Α	ı	ı	I	I	ı	ı	Α	Α	ı	Α	ı	ı	ı	Т
Dichloroacetic Acid	100	Α	Χ	Х	В	Χ	Х	В	ı	Α	I	Α	ı	ı	Ι	Т
Dichlorobenzene	100	Α	Χ	Χ	Χ	Α	Χ	Х	Χ	Α	В	Α	Α	В	_	ΤV
Dichlorobutane	100	Α	Χ	Х	Χ	Α	Х	X	Χ	Α	1	Α	ı	ı	1	TV
Dichlorodifluoromethane	100	1	Χ	Х	Х	В	В	ı	Χ	I	Χ	Α	ı	ı	1	TVB
Dichloroethane	100	Α	Χ	Х	Χ	Α	Х	Х	Χ	Α	Α	Α	ı	Α	ı	TV
Dichloroethyl Ether	100	Α	Х	Х	Χ	I	Χ	В	Χ	Α	В	Α	ı	ı	1	Т
Dichloroethylene	100	Χ	Х	Х	Х	Α	X	1	1	Χ	X	Α	1	Α	Χ	TV
Dichlorohexane	100	Α	X	X	X	Α	X	X	X	A	Α	Α	ı			TV
Dichloromethane	100	Α	X	X	X	Α	X	X	X	Α	Α	Α	A	B .		TV
Dichloropentane	100	Α	X	X	X	Α	X	X	X	A	В	Α	1	I		TV
Dichloropropane Diesel Oil	100 150	A	X	X	X	A	X A	X A	X	B A	В	A	A	X A	<u> </u> 	T V T V B
Diethanol Amine	100	A	A	X	^ B	I	В	A	<u>^</u>	 	А	A	A	I	<u> </u>	Т
Diethyl Benzene	100	A	X	X	Х	A	Х	X	Х		В	A	1	i	<u> </u>	TV
Diethyl Carbinol	100	Α	A	A	Α	В	A	ī	ı	A	A	Α	ı	ı	i	TBN
Diethyl Ketone	100	Α	В	X	Х	X	X	X	X	A	В	A	i	i	i	T
Diethyl Oxalate	100	Α	В	X	В	1	X	A	Х	A	В	Α	ı	ī	i	T
Diethyl Phthalate	100	Α	Α	Х	Х	Х	Х	В	Х	Α	В	Α	ı	ı	ı	Т
Diethyl Sebacate	100	Α	Α	Х	Х	Χ	Х	В	Χ	Α	В	Α	Α	Α	ı	Т
Diethyl Sulfate	100	Α	В	Х	Χ	Χ	Х	Α	ı	Α	Α	Α	Χ	ı	1	TNS
Diethyl Triamine	100	Α	Α	Χ	В	ı	В	Α	-	Α	Α	Α	ı	ı	Ι	ТВ
Diethylamine	100	Α	Α	Х	В	ı	В	В	В	Α	В	Α	Α	ı	Χ	ТВ
Diethylene Dioxide	100	Α	В	Х	Х	Χ	Χ	В	Α	Α	Α	Α	Х	Χ	Х	Т
Diethylene Glycol	100	Α	Α	Α	Α	Α	Α	X	Α	Α	Α	Α	Α	В	Α	TVBN
Diethylene Triamine	100	Α	Α	Х	В	ı	В	Α	ı	Α	Α	Α	I	ı	Χ	Т
Dihydroxydiethyl Ether	100	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	ı	ı	Ι	TVBN



Supersedes Catalog #01-130

Air & Multipurpose General Purpose Heavy Duty Push-on

> Chemical Transfer

Cleaning Equipment

Food Transfer Washdown

Hydraulic

Marine

Material Handling Abrasives Bulk Transfer Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock Transfer

Spray

Steam

Vacuum

Water Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Appendix Additional **Products** Chemical Charts General Information Minimum Run Requirements

GOOD YEAR

This chemical chart is offered as a guide only. There are many variables to be considered with each application. Ratings are for tube polymer only! For explanation of ratings see page 272. Contact Goodyear for chemicals or polymers not listed at 800-235-4632.

B = Nitrile

RATING SCALE	GASKET
A = May be used	T = Teflon®
for Continuous	V = Viton

Service **B** = May be used for Intermittent

N = Neoprene S = Silicone

	no® lie E E E E E E											\\(\(\)		YEAR TING
/	exwing Flexwing Thexwing Thexwing Thexwing Thexwing Thexwing Thexwing Thexwing Thexwing													/ / *
abck	Fabchem Gray Flexwi Yellow Flex Tan Flexwing Petroleum Brown Flex Brown Flex Green XLPI Viper HI-PER Insta-Lock Insta-Lock Insta-Lock													
	9		/~	0	44	/ 49	/ Q	/ 0 49		4	/ ¥			/ *
UHMWPE	Butyl	Hypalon [®]	R	Viton®	Nitrile	CPE	EPDM	XLPE	Alphasyn	Teflon ®	316 SS	Aluminum	Brass	Gasket
			Н	OSE		N	/IETA	L /						

Service X = Do not Use	Temperat	UHMW	Butyl	Hypalo	~	Viton®	Nitrile	CPE	EPDM	XLPE	Alphas	Teflon®	316 SS	Alumin	Brass	Gasket
I = Insufficient Data,	l m	Ĺ	ā	Í.	X						A	<u>"</u>	<u>ب</u>			
contact Goodyear	_ <u>e</u>				Н	OSE	TUBE	POLY	MEK			\mathcal{I}			/IETA	<u>L</u>
Dihydroxyethyl Amine	100	Α	Α	Χ	В	ı	В	Α	ı	Α	Α	Α	ı	ı	ı	ТВ
Diisobutyl Ketone	100	Α	В	Χ	Χ	Χ	Χ	ı	В	Α	В	Α	ı	ı	ı	Т
Diisobutylene	100	Α	Χ	Χ	Χ	Α	Α	X	Χ	Α	В	Α	Α	ı	ı	TVB
Diisoctyl Adipate	100	Α	Α	Χ	Χ	Х	Χ	1	ı	Α	1	Α	ı	ı	ı	Т
Diisoctyl Phthalate	100	Α	Α	Χ	Χ	Χ	Χ	ı	ı	Α	1	Α	ı	ı	ı	Т
Diisocyanate	100	Χ	Х	Χ	Χ	Χ	Χ	Х	Χ	Χ	В	Α	1	ı	ı	Т
Diisodecyl Adipate	100	Α	Α	Χ	Χ	Χ	Χ	ı	ı	Α	1	Α	ı	ı	ı	Т
Diisodecyl Phthalate	100	Α	Α	Χ	Χ	Χ	Χ	ı	ı	Α	1	Α	ı	ı	ı	Т
Diisopropanol Amine	100	Α	Α	Χ	В	ı	В	ı	ı	Α	В	Α	1	ı	1	ТВ
Diisopropyl Amine	100	Α	Α	Χ	В	ı	В	ı	ı	Α	В	Α	1	ı	1	ТВ
Diisopropyl Ether	100	Α	Χ	В	Χ	ı	В	ı	Χ	Α	В	Α	Α	ı	ı	ТВ
Diisopropyl Ketone	100	Α	В	Χ	Χ	Х	Χ	ı	В	Α	В	Α	Α	Α	ı	Т
Dilauryl Ether	100	Α	_	В	Χ	ı	В	ı	ı	Α	В	Α	1	ı		ТВ
Dimethyl Amine			NO	НО	SE	REC	ОММ	END	ED	FOR 1	THIS	AP	PLI	CAT	ION	
Dimethyl Benzene	100	Α	Χ	Χ	Χ	Α	Χ	Х	Χ	Α	В	Α	Α	ı	ı	ΤV
Dimethyl Ether	100	Α	Χ	В	Χ	ı	В	ı	Χ	В	В	Α	1	ı	ı	ТВ
Dimethyl Ketone	100	Α	Α	Χ	В	Х	Χ	Α	Α	В	Α	Α	Α	Α	ı	Т
Dimethyl Phenol	100	Α	Χ	Χ	Χ	Α	Χ	ı	Χ	Α	Α	Α	1	ı	ı	TV
Dimethyl Phthalate	100	Α	Α	Χ	Χ	Х	Χ	Α	В	Α	Α	Α	Α	ı	ı	TV
Dimethyl Sulfate	100	Α	В	Χ	Χ	Χ	Χ	Α	ı	Α	Α	Α	ı	ı	ı	Т
Dimethyl Sulfide			NO	НО	SE	REC	ОММ	END	ED	FOR 1	THIS	AP	PLI	CAT	ION	
Dimethyl Carbinol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	ı	ı	TBNS
Dinitrobenzene	100	Α	Χ	Χ	Χ	Α	Χ	ı	I	Α	В	Α	ı	ı	ı	TV
Dioctyl Adipate	100	Α	Α	Χ	Χ	Х	Χ	Х	В	Α	ı	Α	ı	ı	ı	Т
Dioctyl Amine	100	Α	Α	Χ	В	ı	В	ı	ı	Α	В	Α	ı	1	ı	Т
Dioctyl Phthalate	100	Α	В	Χ	Χ	Α	Χ	Х	Χ	Α	Α	Α	Α	ı	ı	TV
Dioctyl Sebacate	100	Α	Α	Χ	Χ	Χ	Χ	Х	В	Α	ı	Α	ı	ı	ı	TV
Dioxane	100	Α	В	Χ	Χ	Х	Χ	В	Χ	Α	Α	Α	Α	ı	ı	Т
Dioxolane	100	Α	Χ	Χ	Χ	ı	Χ	В	Χ	Α	В	Α	ı	ı	ı	Т
Diphenyl Phthalate	100	Α	Α	Χ	Χ	Χ	Χ	ı	I	Α	Α	Α	ı	ı	ı	Т
Dipropyl Ketone	100	Α	В	Χ	Χ	Х	Χ	Х	ı	Α	Α	Α	1	ı	ı	Т
Dipropylamine	100	Α	Α	Χ	В	ı	В	В	ı	Α	Α	Α	ı	ı	ı	Т
Dipropylene Glycol	100	Α	Α	Α	Α	Α	Α	Α	ı	Α	Α	Α	1	ı	ı	TVB
Disodium Phosophate	100	Α	Α	Α	Α	ı	Α	Α	ı	Α	Α	Α	Α	ı	В	ТВ
Divinyl Benzene	100	Α	Χ	Χ	Χ	Α	Χ	Х	Χ	Α	В	Α	ı	ı	ı	ΤV
Dodecyl Benzene	100	Α	Χ	Χ	Χ	Α	Χ	ı	Χ	Α	В	Α	ı	ı	ı	TV
Dodecyl Toluene	100	Α	Χ	Χ	Χ	Α	Χ	I	Χ	Α	В	Α	I	ı	I	ΤV
Dow-Per	100	Α	Χ	Χ	Χ	Α	Χ	ı	Χ	Α	В	Α	I	I	ı	ΤV
Dowtherm A	100	Α	ı	Χ	Χ	Α	Χ	Х	Χ	Α	Α	Α	ı	Α	ı	ΤV
Dowtherm E	100	Α	Χ	Χ	Χ	Α	Χ	Х	Χ	Α	Α	ı	ı	Χ	I	V
Dowtherm SR-1	100	Α	Α	Α	Α	Α	Α	ı	ı	Α	Α	Α	ı	ı	ı	TVB



New Products

Air & Multipurpose General Purpose Heavy Duty

> Chemical Transfer

Push-on

Cleaning Equipment

Transfer Washdown

Food

Hydraulic Marine

Material Handling Abrasives Bulk Transfer Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock

Spray

Transfer

Steam

Vacuum

Water Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Appendix

Additional Products Chemical Charts General Information Minimum Run Requirements

GOOD YEAR This chemical chart is offered as a guide only. There are many variables to be considered with each application. Ratings are for tube polymer only! For explanation of ratings see page 272. Contact Goodyear for chemicals or polymers not listed at 800-235-4632. **GASKET** T = Teflon®

V = Viton

B = Nitrile

N = Neoprene

S = Silicone

RATING SCALE

- A = May be used for Continuous
- B = May be used for Intermittent Service
- X = Do not Use

(F)	
nperature	
Ten	

						TUBE I								/IETA	
	UHMWPE	Butyl	Hypalon®	NR	Viton®	Nitrile	CPE	EPDM	XLPE	Alphasyn™	Teflon ®	316 SS	Aluminum	Brass	Gasket
	Fabore	Grav F.	Yellow	Tan Er Flexwing	Orang	Flexwing Petroing	Brown	Purat. Flexwing	Green XLPE	Viper	HI-PER	Instal	Install	Insta-1	Insta-Lock
or		/	/	/ 0	/	18/		/ 0	0/0/		/	/	/	/	/ /
e li-				(3001	DYEAR	CHE	MICA	AL HOSI	E			\/(0	900E	YEAR TING

I = Insufficient Data,		Ĺ	Ш	_	_	>		0		×	A	<u> </u>	, (C)	4	ш	
contact Goodyear	Temp				Н	OSE	TUBE	POLY	MER			\mathcal{I}		N	/IETA	
Е																
Endolene	100	ı	ı	ı	ı	ı	ı	ı	Ι	ı	ı	Т	ı	ı	ı	ı
Epichlorohydrin			NO	НО	SE	REC	ОММ	END	ED	FOR T	HIS	AP	PLI	CAT	ION	
Ethanol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	В	Α	TBN
Ethanol Amine	100	Α	Α	В	В	ı	В	Α	В	Α	В	Α	Α	В	ı	ТВ
Ethyl Acetate	100	Α	В	Х	Х	Х	Х	В	Α	Α	Α	Α	Α	Α	Α	Т
Ethyl Acetoacetate	100	Α	В	Х	Х	Х	Χ	Α	В	Α	Α	Α	В	ı	ı	Т
Ethyl Acrylate	100	Α	Х	Х	Х	Х	Х	В	Х	В	В	Α	Α	Α	Α	Т
Ethyl Alcohol	100	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	В	Α	TVBNS
Ethyl Aldehyde			NO	НО	SE I	REC	ОММ	END	ED	FOR T	HIS	AP	PLI	CAT	ION	
Ethyl Aluminum Dichloride	100	Х	Х	Х	Х	В	Χ	ı	Х	В	ı	Α	I	ı	ı	TV
Ethyl Benzene	100	Α	Χ	Х	Х	Α	Χ	Χ	Х	Α	В	Α	Α	Α	Х	ΤV
Ethyl Butanol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	I	ı	ı	ТВ
Ethyl Butyl Acetate	100	Α	Α	В	Х	Х	Χ	ı	I	Α	В	Α	I	I	I	Т
Ethyl Butyl Alcohol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	1	ı	ı	ТВ
Ethyl Butyl Amine	100	Α	Α	Х	В	ı	В	ı	1	ı	ı	Α	1	ı	ı	ТВ
Ethyl Butyl Ketone	100	Α	В	Χ	Χ	Χ	Χ	Χ	Ι	Α	Α	Α	1	ı	ı	Т
Ethyl Butyraldehyde	100	Α	В	Х	Χ	Х	Χ	Χ	I	Α	В	Α	ı	ı	ı	Т
Ethyl Chloride			NO	НО	SE I	REC	ОММ	END	ED	FOR T	HIS	AP	PLI	CAT	ION	
Ethyl Dichloride	100	В	Χ	Х	Χ	В	Χ	Χ	Χ	В	В	Α	I	ı	ı	TV
Ethyl Ether			NO	НО	SE I	REC	OMM	END	ED	FOR T	HIS	AP	PLI	CAT	ION	
Ethyl Formate	100	Α	В	X	Χ	Χ	Χ	Α	В	Α	Α	Α	Α	ı	ı	TV
Ethyl Hexanol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	ı	ı	ı	TBN
Ethyl Hexoic Acid	100	Α	Х	В	Χ	ı	Х	ı	1	Α	Α	Α	ı	ı	ı	Т
Ethyl Hexyl Acetate	100	Α	Α	В	Χ	Χ	Χ	ı	1	Α	В	Α	ı	ı	ı	Т
Ethyl Hexyl Alcohol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	I	ı	ı	TBN
Ethyl lodide	100	Χ	Χ	X	Χ	В	Х	Χ	Χ	В	В	Α	I	ı	ı	TV
Ethyl Isobutyl Ether	100	Α	Χ	В	Χ	ı	В	ı	Χ	Α	В	Α	I	ı	ı	Т
Ethyl Methyl Ketone	100	Α	В	X	Χ	Х	Χ	ı	I	Α	Α	Α	Α	Α	Α	Т
Ethyl Oxalate	100	Α	Α	X	Α	ı	Χ	Α	Χ	Α	В	Α	1	ı	ı	TV
Ethyl Phthalate	100	Α	Α	X	Χ	Χ	Χ	В	1	Α	1	Α	ı	ı	ı	Т
Ethyl Propyl Ether	100	Α	Х	В	Χ	ı	В	Α	Χ	Α	В	Α	1	ı	ı	ТВ
Ethyl Propyl Ketone	100	Α	В	X	Χ	Х	Χ	ı	1	Α	Α	Α	1	ı	ı	Т
Ethyl Silicate	100	Α	Α	ı	Χ	ı	Α	Α	1	Α	Α	Α	Α	ı	ı	TBN
Ethyl Sulfate	100	Α	В	Х	Х	Х	Χ	Α	1	Α	Α	Α	Χ	ı	ı	TBS
Ethylamine			NO	НО	SE	REC	OMM	END	ED	FOR T	HIS	AP	PLI	CAT	ION	
Ethylene Bromide	100	Х	X	X	Х	В	Χ	ı	Х	В	В	Α	Α	Х	ı	TV
Ethylene Chloride	100	В	Χ	X	Χ	В	Χ	ı	Χ	В	В	Α	Α	В	I	ΤV
Ethylene Diamine	100	Α	Α	X	В	ı	В	ı	В	Α	I	Α	Α	ı	ı	ТВ
Ethylene Dibromide	100	Х	X	X	Х	В	Χ	ı	Х	В	В	Α	Α	Х	ı	TV
Ethylene Dichloride	100	В	Χ	X	Х	В	Х	Χ	Χ	В	Α	Α	Α	В	ı	TV



Supersedes Catalog #01-130

Air &
Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food <u>Transfer</u> Washdown

Hydraulic

Marine

Material Handling

Abrasives

Bulk Transfer

Cement & Concrete

Mining

Petroleum

Aircraft Fueling

Dispensing

Dock

Transfer

Spray

Steam

Vacuum

Water

Discharge
Suction &
Discharge
Washdown

Welding

Coupling Systems

Appendix
Additional
Products
Chemical Charts
General
Information
Minimum Run
Requirements



This chemical chart is offered as a guide only. There are many variables to be considered with each application. Ratings are for tube polymer only! For explanation of ratings see page 272. Contact Goodyear for chemicals or polymers not listed at 800-235-4632.

N = Neoprene

S = Silicone

(F

RATING SCALE	GASKET
A = May be used	T = Teflon®
for Continuous	V = Viton
Service	B = Nitrile

B = May be used for Intermittent Service UHMWPE Fabchem

Butyl Gray Flexwing

Hypalon® Yellow Flexwing

Hypalon® Orange Flexwing

Nitrile Flexwing

CPE Brown Flexwing

XLPE Green XLPE

Alphasyn™ Vioer

Teflon® HI-PER

Aluminum Insta-Lock

Gasket Insta-Lock

Service S = Silicone X = Do not Use	Temperatu	UHMWP	Butyl	Hypalor	¥	Viton®	Nitrile	CPE	EPDM	XLPE	Alphasy	Teflon®	316 SS	Alumin	Brass	Gasket
I = Insufficient Data, contact Goodyear	emp		В	Ξ			TUBE	_			4		<u>~</u>		<u> </u>	
	150	Α	Λ	Ι Λ	٨	Λ.	۸	ΙΛ	Λ	٨	Λ	$\overline{}$	_	Δ.		TVBNS
Ethylene Glycol	100	I	A X	A X	A I	A I	A	A	A X	A X	A	A I	A I	A I	ı	В
Ethylhexil Phosphorodieth Ex-Tri	100	A	X	X	X	A	X	I	1	A	В	A	1	i i	1	ΤV
F	100	A	^	_	^	A	^	-	-	А	Ь	A	1		-	I V
	450	^	_	_	^	_	^	_	^	^	^	_		_	_	TVD
Ferric Bromide	150	Α	Α	Α	Α	A	A	A	Α	Α	A	Α	I	I	I	T V B TVBNS
Ferric Chloride Ferric Sulfate	150 150	A	A	Α	A	A	A	A	A	A	A	A	X A	X	X	
				Α												TVBN T
Ferrous Acetate	100	Α	Α	Α	X	X	X	I	1	A	Α	Α	1	I	I	T B
Ferrous Chloride	150	A	A	Α	Α	B X	A	A	A	A	Α	A	В	X	X	
Ferrous Hydroxide	100			В	Α	-	В	1	1		Α	_	_	I		TVDN
Ferrous Sulfate	150	Α	Α	Α	Α	Α	A	A	A	A	Α	Α	В	X	X	TVBN
Fluoboric Acid 65%	150	В	A	A	A	I	I	A	I	l	Α	A	l	I V	X	TN
Fluorine (wet)	100	X	X	X	X	X	X	X	X	X	X	В	X	X	X	T
Fluosilicic Acid 50%	150	В	Α	Α	A	1	I	A	1	1	Α	Α	A	X	X	TN
Formaldehyde 40%	100	Α	Α	Α	В	В	A	Α	Α	A	Α	Α	Α	В	1	TB
Formalin	100	Α	Α	A	В	Α	A	A	Α	A	Α	Α	Α	В	1	TVB
Formic Acid	100	Α	A	X	В	X	X	Α.	Α	В	A	Α	В	<u> </u>	X	TV
Freon 12	100	Α	X	X	X	В	В	<u> </u>	X	В	X	Α	Α	<u> </u>	1	TN
Freon 22	100	Α	X	X	X	X	X	<u> </u>	l	В	X	Α	Α	<u> </u>	1	TN
Fuel A (ASTM)	100	В	X	X	X	A	Α	<u> </u>	X	В	В	A	A	Α.	A	TVB
Fuel B (ASTM)	100	В	X	X	X	Α	Α	l V	X	В	В	Α	ı		1	TVB
Fuel Oil	100	Α	X	X	X	Α	A	X	X	В	В	Α	Α	Α	l	TVB
Furfural	100	Α	Α	<u> </u>	<u> </u>	X	X	A	B .	A	Α	Α	Α	Α	X	<u> </u>
Furfuryl Alcohol	100	Α	Х	I	ı	Х	I	Α	ı	Α	Α	Α	Α	Α	ı	T
G								_								
Gallic Acid	100	Α	В	I	Α	ı	ı	Α	В	<u> </u>	В	Α	В	1	ı	TS
Gasoline	100	В	Χ	Χ	X	Α	Α	В	Х	В	В	Α	Α	1	1	TVB
Glacial Acetic Acid	100	Α	В	X	Х	Х	Х	В	Α	Α	Α	Α	Α	В	Х	T
Gluconic Acid	100	Α	Χ	В	Х	1	X	Α	1	Α	Α	Α	X	Х	Α	Т
Glycerin	100	Α	Α	Α	Α	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	TVBNS
Glyphosate	100	Α	ı	I	ı	ı	ı	<u> </u>	Α	ı	ı	1	ı	1	ı	L
Graffinite	100	I	Х	X	Х	X	Α	Α	Х	Х	ı	1	ı		ı	В
Grease	100	Α	Χ	Χ	X	Α	Α		X	В	Α	Α	Α	Α	Α	TVB
Green Sulfate Liquor	150	Α	Α	Α	Α	ı	Α	Α	Α	Α	Α	Α	Α	X	Х	TBS
Н																
Heptanal	100	Α	Χ	Х	Χ	Χ	Х	X	ı	Α	ı	Α	ı	1	ı	ТВ
Heptane	100	Α	Х	Χ	Х	Α	Α	Α	Х	В	В	Α	Α	Α	1	TVB
Heptane Carboxylic Acid	100	Α	Х	В	Х	Α	Х	Α	ı	Α	Α	Α	I	1	1	TV
Hexaldehyde	100	Α	Χ	Χ	Χ	Χ	Х	1	Х	Α	В	Α	Α	Α	I	T
Hexane	100	В	Х	Х	Χ	Α	Α	В	Х	В	В	Α	Α	Α	Α	TVB
Hexanol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	I	ı	ТВ



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RATING SCALE

GOOD

A = May be used for Continuous

T = Teflon® V = Viton B = Nitrile

GASKET

(F)

perature

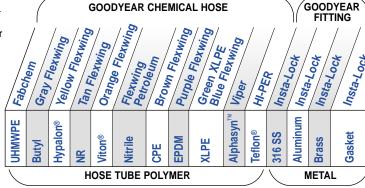
N = Neoprene S = Silicone

Service X = Do not Use

Service

B = May be used

for Intermittent



I = Insufficient Data,	l g	Ĺ	В	Ξ	Z	>	Z	ပ	Ш	×	A	۳	ķ	V	Δ	<u>o</u>
contact Goodyear	Temp				Н	OSE	TUBE	POLY	MER			\mathcal{I}		N	META	L
Hexyl Methyl Ketone	100	Α	В	Χ	Χ	Χ	Χ	I	1	Α	Α	Α	1	ı		T
Hexylamine	100	Α	В	Χ	Χ	Χ	Χ	В	1	Α	В	Α	1	ı	1	Т
Hexylene	100	Х	Χ	Χ	Χ	Α	Α	ı	Χ	Χ	1	Α	1	ı		TVB
Hexylene Glycol	150	Α	Α	Α	Α	Α	Α	Α	1	Α	Α	Α	Α	В	Α	TVBN
Hexyl-Alcohol	100	Α	Α	Α	Α	В	Α	Α	Χ	Α	Α	Α	Α	1	1	ТВ
Hi-Tri	100	Α	Χ	Χ	Χ	Α	Χ	ı	Χ	Α	В	Α	1	ı		TV
Hydrochloric Acid -38% Conc.	125	ı	Α	Χ	В	ı	Χ	Α	В	Α	Α	Α	Χ	Χ	Х	Т
Hydrobromic Acid (37%)	150	В	Α	Α	Α	I	Χ	Α	Α	I	Α	Α	Χ	Χ	Χ	TN
Hydrochloric Acid (37%)	125	Α	Α	Χ	В	Х	Χ	Α	В	Α	Α	Α	Χ	Χ	Χ	T
Hydrofluoric Acid (10%)	125	Α	Α	Α	Χ	ı	Χ	Α	1	Α	Α	Α	Α	Χ	Х	TN
Hydrofluosilicic Acid	150	В	В	Α	Α	1	ı	Α	Α	I	Α	Α	Α	Χ	Χ	Т
Hydrogen Dioxide 10%	100	В	Χ	Χ	Χ	Α	Χ	1	1	ı	1	Α	Α	В	Χ	TV
Hydrogen Dioxide over 10%	100	В	Χ	Χ	Χ	1	Χ	1	Χ	ı	1	Α	1	Ι	Х	T
Hydrogen Gas	100		NO	НО	SE	REC	OMM	END	ED	FOR 1	THIS	AP	PLI	CAT	ION	
Hydrogen Peroxide 10% to 50%	100	В	Χ	Χ	Χ	Α	Χ	Α	1	ı	1	Α	1	В		TVS
Hydrogen Peroxide over 50%	100	Х	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Ι	Α	Α	ı	Χ	Т
I																
lodine	100	Α	ı	Α	1	ı	ı	Α	ı	В	ı	Α	ı	ı	Χ	TVB
Iron Acetate	100	Α	Α	Α	Χ	Х	Χ	Т	ı	Α	Α	Α	ı	Ι	1	TNS
Iron Hydroxide	100	Α	Α	В	Χ	Х	В	1	1	Α	Α	Α	1	Ι	1	TN
Iron Salts	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	1	1	1	TVBN
Iron Sulfate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	1	Ι	1	TVBN
Iron Sulfide	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	1	1		TVB
Isoamyl Acetate	100	Α	Α	В	Χ	Х	Χ	1	Χ	Α	В	Α	1	1	1	Т
Isoamyl Alcohol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	1	Α	TBN
Isoamyl Bromide	100	В	Χ	Χ	Χ	В	Χ	ı	Χ	В	ı	Α	1	ı	1	TV
Isoamyl Butyrate	100	В	Χ	Χ	Χ	Χ	Χ	ı	1	В	В	Α	1	ı	1	Т
Isoamyl Chloride	100	Х	Χ	Χ	Χ	В	Χ	ı	1	Χ	В	Α	1	ı		TV
Isoamyl Ether	100	Α	Χ	В	Χ	I	В	ı	Χ	Α	ı	Α	1	ı	1	Т
Isoamyl Phthalate	100	Α	Α	Χ	Χ	Х	Χ	ı	1	Α	1	Α	1	ı	1	Т
Isobutane			NO	НО	SE	REC	OMM	END	ED	FOR 1	THIS	AP	PLI	CAT	IOI	1
Isobutanol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	-	1	TBNS
Isobutyl Acetate	100	Α	Α	В	Χ	Χ	Χ	В	Χ	Α	В	Α	Α	В	1	Т
Isobutyl Alcohol	100	Α	Α	Α	Α	В	Χ	Α	Α	Α	Α	Α	Α	ı		TNS
Isobutyl Aldehyde	100	Α	В	Χ	Χ	Χ	Χ	В	1	Α	В	Α	1	ı	1	Т
Isobutyl Amine	100	Α	В	Χ	Χ	Χ	Χ	ı	1	Α	В	Α	1	ı	1	T
Isobutyl Bromide	100	В	Χ	Χ	Χ	В	Χ	ı	Χ	Χ	Ι	Α	1	ı	1	TV
Isobutyl Carbinol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	ı	Α	TBN
Isobutyl Chloride	100	В	Χ	Χ	Χ	В	Χ	L	Χ	Χ	Ι	Α	Ι	_	Ι	TV
Isobutyl Ether	100	Α	Χ	В	Χ	ı	Χ	I	Χ	Α	Ι	Α	Ι	Ι	Ι	ТВ
Isobutylene																



See Page 2 for complete product warranty and terms of sale information. In V-Cat, please reference the Conditions of Sale page in the General Information section. Information in this catalog supersedes all previously printed material. Information valid through December 31, 2004. Due to continual product improvements, Goodyear reserves the right to alter specs without prior notice. For the most current product information, visit us online at www.goodyear-hose.com. © 2003. The Goodyear Tire & Rubber Company. 283

Air & Multipurpose General Purpose Heavy Duty Push-on

> Chemical Transfer

Cleaning Equipment

Food Transfer Washdown

Hydraulic

Marine

Material Handling Abrasives Bulk Transfer Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock Transfer

Spray

Steam

Vacuum

Water Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Supersedes Catalog #01-130

Air &
Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food <u>Transfer</u> Washdown

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Material Handling

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Bulk Transfer

Cement & Concrete

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Petroleum

Aircraft Fueling

Dispensing

Dock

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Water

Discharge
Suction &
Discharge
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Appendix
Additional
Products
Chemical Charts
General
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Minimum Run
Requirements



This chemical chart is offered as a guide only. There are many variables to be considered with each application. Ratings are for tube polymer only! For explanation of ratings see page 272. Contact Goodyear for chemicals or polymers not listed at 800-235-4632.

B = Nitrile

N = Neoprene

hemicals or polymers no	t listed at 800-235-
RATING SCALE	GASKET
A = May be used	T = Teflon®
for Continuous	V = Viton

Service
B = May be used for Intermittent Service

for Intermittent
Service

X = Do not Use
I = Insufficient Data,

emperature (°F)

						CHE	MICA	AL HOS	E				OOE FIT	YEAR TING
/	/ /	wing	Xwino	gui	Flexwing	- /	Flexwing	Flexwing XLPF	wing	/ ,	/ ,		/ /	/ / -
Fabre	inem Nr Fi	Yellow	Tan Ei Flexwing	Orang	Flexwing	Brown	Purn	Green XLPE	Viper	HI-PER	X / 1	Insta ,	Install	Insta-Lock
Fal	8	<u> </u>	79/	0	P _e	B	P	15 18	Viper	#	Ins	hs	lhs	/ lus
OHMWPE	Butyl	Hypalon®	NR	Viton®	Nitrile	CPE	EPDM	XLPE	Alphasyn™	Teflon ®	316 SS	Aluminum	Brass	Gasket
$\overline{}$			Н	OSE	TUBE	POLY	MER	l		$\overline{\mathcal{I}}$	$\overline{\ }$	N	/IETA	L /

contact Goodyear	<u>l</u>	HOSE TUBE POLYMER										\mathcal{I}		N.	/IETA	<u>L</u>
Isooctane	100	В	Χ	Χ	Χ	Α	Α	I	Χ	В	В	Α	Α	Α	Α	TVBS
Isopentane			NO	НО	SE	REC	ОММ	END	ED	FOR 1	THIS	AP	PLI	CAT	ION	
Isophorone	100	В	Α	I	I	I	Χ	ı	Α	В	В	Α	В	Α	I	Т
Isopropanol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	ı	ı	TVBS
Isopropanol Amine	100	Α	Α	Χ	В	Х	В	ı	ı	Α	В	Α	ı	ı	ı	ТВ
Isopropyl Acetate	100	Α	Α	Χ	Χ	Х	Χ	В	Χ	Α	Α	Α	Α	ı	ı	Т
Isopropyl Alcohol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	I	ı	TBNS
Isopropyl Amine	100	Α	В	Χ	Χ	Х	Χ	ı	ı	Α	В	Α	1	ı	ı	Т
Isopropyl Benzene	100	Α	Χ	Χ	Χ	Α	Χ	Χ	Χ	Α	В	Α	ı	ı	I	TV
Isopropyl Chloride			NO	НО	SE	REC	ОММ	END	ED	FOR 1	THIS	AP	PLI	CAT	ION	
Isopropyl Ether	100	Α	Х	В	Χ	1	Χ	ı	Χ	Α	В	Α	Α	ı	1	ТВ
Isopropyl Toluene	100	Α	Χ	Χ	Χ	Α	Χ	ı	Χ	Α	1	Α	ı	ı	ı	TV
J																
Jet Fuels				S	PE	CIAL	HOS	E RI	EQU	IRED			Α	Α	Α	TVB
K																
Kerosene	100	Α	Χ	Χ	Χ	Α	В	Α	Χ	Α	Α	Α	Α	Α	ı	TVB
L																
Lauryl Alcohol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	ı	I	I	ТВ
Lead Acetate	100	Α	Α	Χ	Χ	Х	Χ	Α	В	Α	Α	Α	Α	Χ	Χ	Т
Lead Sulfate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Χ	Χ	TVBN
Ligroin	100	Α	Χ	Χ	Χ	Α	Α	ı	Χ	Α	В	Α	Α	Α	I	TVB
Linseed Oil	100	Α	Α	В	Χ	Α	Α	Α	В	I	Α	Α	Α	ı	Α	TVBNS
Liquefied Natural Gas (LNG)			NO	НО	SE	REC	ОММ	END	ED	FOR 1	THIS	AP	PLI	CAT	ION	
Liquefied Petroleum Gas (LPG)			NO	НО	SE	REC	ОММ	END	ED	FOR 1	THIS	AP	PLI	CAT	ION	
Lubricating Oils	100	Α	Χ	Χ	Χ	Α	Α	ı	Χ	Α	1	Α	Α	Α	Α	TVB
M																
MIBK	100	Α	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Α	В	Α	Χ	Χ	Χ	Т
M.E.K.	100	Α	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Α	В	Α	Χ	Χ	Χ	Т
Magnesium Acetate	100	Α	Α	Α	Χ	Χ	Χ	Α	ı	Α	Α	Α	I	ı	ı	Т
Magnesium Chloride	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Χ	1	TVBS
Magnesium Hydrate	150	Α	Α	В	Α	В	В	ı	ı	Α	Α	Α	Α	Χ	1	TN
Magnesium Hydroxide	150	Α	Α	В	Α	В	В	Α	Α	Α	Α	Α	Α	Χ	ı	TVBN
Magnesium Sulfate	150	Α	Α	Α	Α	Α	Α	Α	В	Α	Α	Α	Α	ı	1	TVBNS
Maleic Acid	100	Α	Χ	Χ	Χ	1	Χ	ı	ı	В	1	Α	Α	В	Χ	TV
Malic Acid	150	В	ı	Α	Α	I	ı	ı	ı	ı	1	Α	Α	В	Χ	TVBNS
Manganese Sulfate	150	Α	Α	Α	Χ	Α	Α	Α	Α	Α	Α	Α	Α	ı	1	TVBN
Manganese Sulfide	150	Α	Α	Α	Χ	Α	Α	Α	Α	Α	Α	Α	ı	ı	-	TVB
Manganese Sulfite	150	Α	Α	Α	Χ	Α	Α	Α	Α	Α	Α	Α	I	ı	ı	TVB
Menthanol	100	Α	Α	Α	Α	Χ	Α	Α	Α	Α	Α	Α	Α	ı	- 1	ТВ
Mesityl Oxide	100	Α	В	Χ	Х	Χ	Χ	В	Х	Α	В	Α	Α	ı	- 1	Т
Methallyl Alcohol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	I	I	I	ТВ



New Products

Air &

General Purpose Heavy Duty Push-on

Multipurpose

Chemical Transfer

Cleaning Equipment

Food Transfer Washdown

Hydraulic

Marine

Material Handling Abrasives Bulk Transfer Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock Transfer

Spray

Steam

Vacuum

Water Discharge Suction & Discharge Washdown

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Appendix

Additional Products Chemical Charts General Information Minimum Run Requirements

GOOD YEAR This chemical chart is offered as a guide only. There are many variables to be considered with each application. Ratings are for tube polymer only! For explanation of ratings see page 272. Contact Goodyear for chemicals or polymers not listed at 800-235-4632. **GASKET** T = Teflon®

RATING SCALE

for Continuous

for Intermittent

A = May be used

Service

B = May be used

Service

V = Viton

B = Nitrile

N = Neoprene

S = Silicone

; i-								_	AL HOS	E			\\(\(\)		YEAR ING
or	,	/ ,	ing	Wing	6,0	Flexwing 19	,	Wino	Flexwing XLPF	ing	/ ,	/	/ ,	/ ,	/ /
	/4	u u	riexwing "	Tan Er Flexwing	riexwing no.	ving	Brown	Purph Flexwing	Green XLPE	rexwing		Install	Install	Insta-1	Insta-Lock
	Fabch	Gray	/e//	Tan	Orange	Flexwing	Brow	Purne	Green Blue	Viber	HI-PER	Insta	Insta	Insta	Insta
	UHMWPE	Butyl	Hypalon®	NR	Viton®	Nitrile	CPE	EPDM	XLPE	Alphasyn™	Teflon ®	316 SS	Aluminum	Brass	Gasket
				Н	OSE	TUBE I	POLY	MER	!				٨	IETA	L /
	Α	Α	Α	Α	Χ	Α	Α	Α	Α	Α	Α	Α	ı	ı	TBNS

X = Do not Use	Tempera	UHMV	Butyl	Hypal	꽃	Viton®	Nitrile	CPE	EPDM	XLPE	Alpha	Teflon	316 S	Alumi	Brass	Gaske
I = Insufficient Data,	l g	Ļ	ш	Ξ							4	/	\ \			
contact Goodyear	_ ₽					USE	TUBE I	OLI	IVIER	,					/IETA	
Methyl (Wood) Alcohol	100	Α	Α	Α	Α	Х	Α	Α	Α	Α	Α	Α	Α	ı	ı	TBNS
Methyl Acetate	100	Α	Α	В	Χ	Х	Х	Α	Α	Α	Α	Α	Α	1	ı	Т
Methyl Acetoacetate	100	Α	В	X	Х	Х	Χ	Α	ı	Α	Α	Α	I	I	ı	T
Methyl Acetone			NO	НО				END		FOR T	THIS		PLI	CAT	ION	
Methyl Amyl Acetate	100	В	Α	В	Х	Х	Χ	ı	Χ	Α	В	Α	ı	I	ı	T
Methyl Amyl Alcohol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	ı		ı	TBN
Methyl Amyl Carbinol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	ı	1	ı	ТВ
Methyl Amyl Ketone	100	Α	В	Х	Χ	Х	Χ	Χ	I	Α	В	Α	ı	ı	ı	T
Methyl Benzene	100	Α	Χ	Х	Х	Α	Χ	Х	Χ	Α	В	Α	Α	Α	Α	TV
Methyl Butanol	100	Α	Α	Α	Α	В	Α	Α	I	Α	Α	Α	Α	ı	Α	TBN
Methyl Butanone	100	Α	В	Χ	Χ	X	Χ	В	В	Α	В	Α	ı	ı	ı	Т
Methyl Butyl Ketone	100	Α	В	Х	Χ	Х	Χ	Χ	ı	Α	В	Α	Α	В	ı	Т
Methyl Carbitol	100	Α	Α	Α	Χ	ı	Χ	Α	I	Α	Α	Α	1	1	ı	T
Methyl Cellosolve	100	Α	Α	Α	Χ	ı	Χ	Α	Α	Α	Α	Α	Α	В	Α	Т
Methyl Chloride			NO	НО	SE	REC	ОММ	END	ED	FOR T	THIS	AP	PLI	CAT	ION	
Methyl Cyclohexane	100	Α	Χ	Х	Χ	В	Χ	В	Χ	В	ı	Α	ı	ı	ı	TV
Methyl Ethyl Ketone	100	Α	Χ	Χ	Χ	Х	Χ	Χ	Χ	Α	В	Α	Χ	Х	Χ	Т
Methyl Hexanol	100	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	ı	ı	ı	TVB
Methyl Hexanone	100	Α	В	Х	Х	Х	Χ	Х	Ι	Α	В	Α	Ι	1	ı	Т
Methyl Hexyl Ketone	100	Α	В	Х	Х	Х	Χ	Х	ı	Α	В	Α	ı	ı	ı	Т
Methyl Isobutyl Carbinol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	В	ı	ı	TBN
Methyl Isobutyl Ketone (MIBK)	100	Α	Χ	Х	Х	Х	Χ	Х	Χ	Α	В	Α	Χ	Х	Χ	Т
Methyl Isopropyl Ketone	100	Α	В	Χ	Χ	Х	Χ	В	В	Α	В	Α	Α	ı	ı	Т
Methyl Normal Amyl Ketone	100	Α	В	Х	Χ	Х	Χ	ı	ı	Α	В	Α	ı	ı	ı	Т
Methyl Propyl Carbinol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	ı	ı	ı	ТВ
Methyl Propyl Ether	100	Α	Χ	В	Χ	ı	Χ	ı	Χ	Α	В	Α	ı	ı	ı	Т
Methyl Propyl Ketone	100	Α	В	Х	Χ	Х	Χ	В	ı	Α	В	Α	ı	ı	ı	Т
Methyl Tertiary Butyl Ether																
(MTBE) 100% Concentratel	100	Χ	Χ	Х	Χ	Х	Χ	Х	Χ	Α	В	1	I	1	ı	I
Methylallyl Acetate	100	Α	Α	В	Χ	X	Χ	1	Α	Α	Α	Α	I	1	ı	Т
Methylallyl Chloride	100	Α	Χ	Χ	Χ	Х	Χ	Χ	I	В	1	Α	1	1	ı	Т
Methyldiethanolamine	100	Α	Χ	Х	Χ	Х	Α	Α	Χ	Α	Α	Α	I	1	ı	ТВ
Methylene Bromide	100	В	Χ	Х	Χ	В	Χ	ı	Χ	В	Α	Α	ı	ı	ı	TV
Methylene Chloride			NO	НО	SE	REC	OMM	END	ED	FOR T	THIS	AP	PLI	CAT	ION	
Metribuzin	100	Α	ı	ı	ı	ı	ı	ı	Α	ı	ı	Α	ı	ı	ı	Т
Mineral Spirits	100	Α	Χ	Х	Χ	В	Α	ı	Χ	Α	В	Α	Α	Α	I	ТВ
Monochloroacetic Acid	100	Α	Χ	Х	В	ı	Χ	Α	Χ	Α	Α	Α	Α	X	Χ	Т
Monochlorobenzene	100	В	Χ	Х	Χ	Α	Χ	Х	Χ	В	В	Α	Α	В	В	TV
Monochlorodifluoromethane	100	I	Χ	Х	Х	Х	Х	ı	I	I	ı	Α	Α	I	I	TN
Monoethanol Amine	100	Α	Α	Х	В	ı	В	Α	В	Α	В	Α	Α	В	I	TN
Monoethyl Amine			NO	НО	SE	REC	ОММ	END	ED	FOR T	THIS	AP	PLI	CAT	ION	
Monoisopropanol Amine	100	Α	Α	Х	В	ı	В	I	I	Α	В	Α	ı	I	I	ТВ
								,					-			



Supersedes Catalog #01-130

Air &
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General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food <u>Transfer</u> Washdown

Hydraulic

Marine

Material Handling

Abrasives

Bulk Transfer

Cement & Concrete

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N = Neoprene

S = Silicone

(F)

perature

RATING SCALE	GASKET
A = May be used for Continuous	T = Teflon® V = Viton
Service	V = VIION B = Nitrile

B = May be used for Intermittent Service

X = Do not Use
I = Insufficient Data,

GOODYEAR **GOODYEAR CHEMICAL HOSE FITTING** Orange Flexwing Yellow Flexwing Green XLPE Blue Flexwing Gray Flexwing Tan Flexwing Purple Flexy Brown Flex Insta-Lock Aluminum JHMWPE **Hypalon® Teflon® 316 SS** Gasket

I = Insufficient Data,	Temp		Ω	Ξ	Z	>	Z	O	Ш	×	A	<u> </u>	<u>ښ</u>	<	m	
contact Goodyear	<u> </u>				Н	IOSE	TUBE	POLY	MER			\mathcal{I}		Į.	META	
Muriatic Acid	125	Α	Χ	Χ	Α	I	Х	Α	Χ	Α	Α	Α	Х	Х	Χ	Т
N																
N/Methylpyrrolidone	100	Α	Χ	Х	Х	Х	Х	Х	Х	Α	ı	Α	ı	ı	ı	Т
Naphtha	100	Α	Χ	Х	Х	Α	Α	Α	Х	Α	Α	Α	Α	Α	I	TVBN
Naphthalene	100	Α	Х	Χ	Х	Α	Х	ı	Χ	Α	ı	Α	Α	В	ı	ΤV
Natural Gas			NO	НО	SE	REC	ОММ	END	ED	FOR 1	THIS	AP	PLI	CAT	IOI	N .
Neohexane	100	Α	Χ	Χ	Х	Α	Α	В	Χ	Α	В	Α	Α	Α	ı	TVB
Neu-Tri	100	Α	Χ	Χ	Χ	Α	Χ	ı	Χ	Α	В	Α	1	ı	ı	TV
Nickel Chloride	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	В	Х	Χ	TVBS
Nickel Nitrate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	В	Х	Χ	TVBN
Nickel Sulfate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Х	Χ	TVBNS
Nitric Acid 25%	100	В	В	Χ	Χ	Χ	Х	X	Χ	В	Α	Α	Α	X	Χ	TV
Nitric Acid 37%	100	Χ	Χ	Χ	Χ	Χ	Х	X	Χ	Χ	Α	Α	Α	Х	Χ	TV
Nitric Acid 40%-60%	100	Х	Χ	Χ	Χ	Χ	Х	X	Χ	Χ	В	Α	Α	X	Χ	ΤV
Nitric Acid 70%	100	Χ	Χ	Χ	Χ	Χ	Х	X	Χ	Χ	В	Α	В	X	Χ	Т
Nitro Benzene	100	Α	Χ	Χ	Χ	В	Χ	Х	Χ	Α	В	Α	Α	В	Χ	Т
Nitrogen Gas	100	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	1	1	TVBNS
Nitrous Oxide	100	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	1	Χ	TVBNS
Nonenes	100	Α	Χ	Χ	Χ	Α	Α	ı	Χ	Α	В	Α	1	ı	ı	VВ
0																
Octadecanoic Acid	100	Α	В	Χ	Χ	ı	Α	Α	В	Α	Α	Α	Α	В	Α	ТВ
Octane	100	В	Χ	Χ	Χ	Α	Α	Α	Χ	В	В	Α	В	ı	В	TVB
Octanol	100	Α	Α	Α	Α	В	Α	Α	Χ	Α	Α	Α	Α	ı	ı	TBN
Octyl Acetate	100	Α	Α	Α	Χ	Χ	Х	X	ı	Α	В	Α	Ι	ı	ı	Т
Octyl Alcohol	100	Α	Α	Α	Α	В	Α	Α	Χ	Α	Α	Α	Α	ı	ı	ТВ
Octyl Aldehyde	100	Α	Χ	Χ	Χ	Χ	Х	1	1	Α	1	Α	1	1	1	Т
Octyl Amine	100	Α	В	Χ	Χ	Χ	Х	В	ı	Α	В	Α	1	1	ı	Т
Octyl Carbinol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	1	ı	ı	ТВ
Octylene Glycol	100	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	1	1	ı	TVB
Oil Petroleum	100	В	Χ	Χ	Χ	Α	Α	Α	Χ	Α	В	Α	Α	Α	Χ	TVB
Oleic Acid	100	Α	В	Χ	Χ	1	Α	Α	Χ	Α	В	Α	Α	В	Χ	ТВ
Oleum	100	Χ	Χ	Χ	Χ	Χ	Х	X	Χ	Χ	X	Α	1	X	Χ	TV
Organic Fatty Acids	100	Α	Χ	Χ	Χ	Χ	Α	Α	Χ	Α	В	Α	Α	1	ı	ТВ
Orthodichlorobenzene	100	Α	Χ	Χ	Χ	Α	Х	I	Χ	Α	В	Α	1	1	ı	TV
Orthodichlorobenzol	100	Α	Χ	Χ	Χ	Α	Х	1	Χ	Α	1	Α	1	1	1	TV
Orthoxylene	100	В	Χ	Х	Х	Α	Х	1	Χ	Α	В	Α	1		ı	TV
Oxalic Acid	100	Α	Α	Χ	Χ	ı	Х	Α	В	I	В	Α	Α	В	Χ	TS
Oxygen			NO	НО		REC	OMM	END	ED	FOR 1	THIS	AP	PLI	CAT	ION	
Ozone	100	Α	В	В	Χ	ı	Х	Α	Α	ı	В	Α	1		ı	TS
P																
Palmitic Acid	100	Α	Α	В	Х	ı	Α	Α	В	В	В	Α	Α	ı	Χ	TBS



New Products Supersedes Catalog #01-130

> Air & Multipurpose General Purpose Heavy Duty Push-on

> > Chemical Transfer

Cleaning Equipment

Transfer Washdown

Food

Hydraulic

Marine

Material Handling Abrasives Bulk Transfer Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock Transfer

Spray

Steam

Vacuum

Water Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Appendix Additional Products Chemical Charts General Information Minimum Run Requirements

This chemical chart is offered as a guide only. There are many variables to be considered with each application. Ratings are for tube polymer only! For explanation of ratings see page 272. Contact Goodyear for chemicals or polymers not listed at 800-235-4632. **RATING SCALE GASKET** T = Teflon®

V = Viton

B = Nitrile

N = Neoprene

S = Silicone

perature

GOOD YEAR

- A = May be used for Continuous Service
- B = May be used for Intermittent Service
- X = Do not Use

) i-							CHE			E			\\(\begin{align*} \(\cdot \\ \cdot \cdot \\ \cdot \cdot \\ \cdot \cdot \\ \cdot \cdot \cdot \\ \cdot \cdot \cdot \cdot \cdot \cdot \cdot \\ \cdot \c		
or	,	/ ,	wing	Kwino	ing (xwing	/	Kwina	Kwing T	ving	/ ,	/ ,	/ , ,	/ , ,	/ /.
	Fabore	Wells V. F.	Yellow	Fig.	P. IEXW	wing	Mileum	Fle	en XLL	I LIGKIN	PER	X / 6	17. CCK	170CK	%307-e,
4	Fab	Gra	/e//	Tan	Aluminum Insta-Lock Gasket Insta-Lock Goodyear Hore Flexwing Alone Aluminum Alabasyn Alone Gasket Insta-Lock Goodyear Hore Flexwing Alone Alone Goodyear Hore Flexwing Alone Flexwing Alon										
	UHMWPE	Butyl	Hypalon®	NR.	Viton®	Nitrile	CPE	EPDM	XLPE	Alphasyn™	Teflon ®		Aluminum	Brass	Gasket
				Н	OSE	TUBE I	POLY	MER	1				N	/IETA	L /

I = Insufficient Data,	Temp		ш			>		0	ш	<u> </u>	A	<u> </u>	<u>رب</u>		ш	
contact Goodyear	<u>e</u>				Н	IOSE	TUBE	POLY	MER	<u> </u>		\mathcal{I}			/IETA	
Papermakers Alum	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	ı	I	ı	TVBN
Paradichlorobenzol	100	В	Х	Х	Х	Α	Χ	ı	Χ	Α	1	Α	1	1	ı	ΤV
Paraffin	150	Α	В	X	Х	Α	Α	Α	Χ	Χ	ı	Α	Α	Α	Α	TVB
Paraldehyde	100	Α	В	Х	Χ	Х	Χ	ı	В	Α	В	Α	Α	Α	I	Т
Paraxylene	100	Α	Χ	Х	Х	Α	Χ	1	Χ	Α	В	Α	1	1	ı	ΤV
Pelargonic Acid	100	Α	Α	Х	Χ	1	Α	1	I	Α	1	Α	1	1	ı	ТВ
Pentachloroethane	100	Α	Χ	Х	Х	Α	Х	1	Χ	Α	1	Α	Α	В	Χ	ΤV
Pentane	100	Х	Χ	Х	Х	Α	Α	Α	Χ	В	Χ	Α	В	Α	Α	TVB
Pentanol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	1	Т	1	TBN
Pentanone	100	Α	В	Х	Х	Х	Х	В	I	Α	В	Α	ı	ı	ı	Т
Perchloroethylene	100	В	Х	Х	Х	Α	Х	Х	Χ	Α	В	Α	Α	В	Χ	ΤV
Petroleum Ether (Ligroin)	100	Α	Х	Х	Х	Α	Α	Α	Х	Α	В	Α	Α	Α	ı	TVB
Petroleum - Crude	100	Α	Х	Х	Х	Α	Α	Α	Х	Α	В	Α	Α	Α	Χ	TVB
Petroleum Oils	100	Α	Х	Х	Х	Α	Α	Α	Χ	Α	В	Α	Α	Α	Χ	TVB
Phenol	125	Α	Α	Х	Х	Α	Х	Α	Χ	Α	В	Α	Α	В	В	ΤV
Phenolsulfonic Acid	100	Х	Х	Х	Х	Х	Х	Α	I	В	В	Α	В	ı	ı	Т
Phenyl Chloride	100	Α	Х	Х	Х	Α	Х	Х	Χ	Α	В	Α	Α	В	ı	ΤV
Phosphoric Acid 10%	150	Α	Α	Α	Α	Х	Α	Α	Α	Α	Α	Α	Α	Х	Χ	TVBN
Phosphoric Acid 10-85%	100	Α	Α	Α	В	Х	Х	Α	Α	Α	Α	Α	Α	Х	ı	TVN
Pine Oil	100	Α	Χ	Х	Х	Α	Х	В	Х	Α	В	Α	Α	ı	Χ	ΤV
Pinene	100	Α	Х	Х	Х	Α	В	В	Х	Α	В	Α	В	ı	ı	ΤV
Polyethylene Glycol	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	ı	ı	ı	TVBN
Polypropylene Glycol	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	ı	ı	ı	TVB
Potassium Acetate	100	Α	Α	В	Х	Х	Х	Α	В	Α	Α	Α	Α	Х	Χ	ТВ
Potassium Bisulfate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	ı	Χ	TVBN
Potassium Bisulfite	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	ı	ı	I	TVBN
Potassium Carbonate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Х	Χ	TVBNS
Potassium Chloride	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Х	Χ	TVBNS
Potassium Chromate	150	В	Α	Х	ı	ı	ı	Α	I	В	В	Α	В	ı	ı	TVBN
Potassium Dichromate	150	В	Α	Х	ı	ı	ı	Α	ı	В	В	Α	Α	В	Χ	TVBNS
Potassium Hydrate	150	Α	Α	В	Α	Х	В	Α	В	Α	Α	Α	Α	Х	ı	TS
Potassium Hydroxide	150	В	Α	В	Α	Х	В	Α	В	Α	Α	Α	Α	Х	Χ	TN
Potassium Nitrate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	В	Α	TVBNS
Potassium Permanganate	100	Α	Α	Α	Α	Α	В	Т	I	Α	Α	Α	Α	ı	ı	TVS
Potassium Silicate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	ı	ı	TVBNS
Potassium Sulfate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	В	Α	TVBNS
Potassium Sulfide	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Х	Х	TVBNS
Potassium Sulfite	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	ı	Х	TVBNS
Propanediol	100	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	I	ı	I	TVBS
Propane Gas							•		ED	FOR 1		AP	PLI	CAT	ION	-
Propanol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	ı	I	TVB
1.77.7																



Supersedes Catalog #01-130

GOODYEAR

FITTING

Air & Multipurpose General Purpose Heavy Duty Push-on

> Chemical Transfer

Cleaning Equipment

Food Transfer Washdown

Hydraulic

Marine

Material Handling Abrasives Bulk Transfer Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock Transfer

Spray

Steam

Vacuum

Water Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Appendix Additional **Products** Chemical Charts General Information Minimum Run Requirements

GOOD

This chemical chart is offered as a guide only. There are many variables to be considered with each application. Ratings are for tube polymer only! For explanation of ratings see page 272. Contact Goodyear for

hemicals or polymers no	ot listed at 800-235-4
RATING SCALE	GASKET
A Marria a road	

= May be used for Continuous Service

T = Teflon® V = Viton B = Nitrile

(F

Orange Flexwing Yellow Flexwing Green XLPE Blue Flexwing Gray Flexwing Tan Flexwing Purple Flexy Brown Flex Insta-Lock

GOODYEAR CHEMICAL HOSE

B = May be used for Intermittent Service X = Do not Use I = Insufficient Data, contact Goodyear	Temperature (UHMWPE /	Butyl	Hypalon®	¥ H	Viton®	Nitrile Nitrile	POLY	EPDM ER	XLPE	Alphasyn™	Teflon®	316 SS	Aluminum	ATEN Brass	Gasket
	, .		Λ	Ь	V		V	Б	V	Λ	В	$\overline{}$	_			
Propyl Acetate	100	A	A	B ^	A	В	A	B ^	X A	A	B A	A	A	1	ı	T B
Propyl Alcohol Propyl Aldohydo	100	A	В	A X	X	Х	X	A X	ı	A	В	A	ı	1	i	Т
Propyl Aldehyde Propyl Chlorida		А							ED	FOR 1		-	DL I	_		<u> </u>
Propyl Chloride	100	Α	A	Х	В	I	B	A	ED	A	I	A	FLI	AI	ION	ТВ
Propylene Diamine Propylene Dichloride	100	В	X	X	Х	В	Х	X	Х	В	i	A	А	Х	i	TV
Propylene Glycol	100	А	A	Α	Α	A	A	A	Α	A	A	A	Α	î	i	TVBS
Propylene Tetramer	100	A	X	Х	X	X	A	A	Х	A	В	ī	ı	i i	i	В
**	100	A	^	^	^	_	A	A	^	A	Ь		1	<u> </u>	-	В
S	400	_	_	_	_		^	_	_		_	_	_			TV/DNIO
Sea Water	100	Α	A	Α	A	Α.	A	A	Α	A	Α	A	Α	l V	X	TVBNS
Sewage	100	Α	X	Α	X		Α	Α	Α	Α	Α	Α	Α	X		TBNS
Silicate of Soda	100	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Х	X	TVBNS
Soap	100	Α	Χ	Χ	Х	X	Α	Α	Х	Х	1	Α	Α	Х	Χ	TBNS
Soda Ash	100	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Х	1	TVBNS
Soda, Caustic	100	Α	Α	В	Α	Х	В	Α	Α	Α	Α	Α	Α	Х	Χ	TNS
Soda, Lime	100	Α	Α	В	Α	X	В	Α	Α	Α	Α	Α	1	ı	1	TVB
Soda, Niter	100	Α	Α	Α	Α	Α	Α	Α	В	Α	Α	Α	Α	В	ı	TVB
Sodium Acetate	100	Α	Α	Α	Χ	Х	Х	Α	В	В	В	Α	Α	ı	Α	TNS
Sodium Aluminate	100	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	L	1	TVBN
Sodium Bisulfate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Х	Χ	TVBNS
Sodium Bisulfite	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Х	Χ	TVBNS
Sodium Carbonate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Χ	1	TVBNS
Sodium Chloride (Brine)	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Χ	1	TVBNS
Sodium Chromate	150	Χ	Α	Χ	1	1	ı	Α	I	Х	ı	Α	Α	Α	Α	TVBN
Sodium Dichromate	150	Α	Α	Χ	1	ı	1	Α	Α	Α	Α	Α	Α	ı	Χ	Т
Sodium Hydrate	150	Α	Α	В	Α	Х	В	Α	Α	Α	Α	Α	В	Х	Χ	TN
Sodium Hydrochlorite (20%)	100	Α	В	Χ	Χ	В	Χ	1	1	В	Α	Α	1	ı	1	т
Sodium Hydrosulfide	100	Α	Χ	Χ	Χ	Х	Α	Α	Χ	Α	ı	Α	1	В	ı	ТВ
Sodium Hydroxide (50%)	150	Α	Α	В	Α	Х	В	Α	Α	Α	Α	Α	Α	Х	Χ	TBN
Sodium Hypochlorite	100	В	В	Χ	Х	В	Х	Α	Α	Х	В	Α	Χ	Х	Χ	TVS
Sodium Nitrate	150	Α	Α	Α	Α	Α	Α	Α	В	Α	Α	Α	Α	В	I	TVBNS
Sodium Silicate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Х	Χ	TVBNS
Sodium Sulfate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	В	Χ	TVBNS
Sodium Sulfide	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Х	Х	TVBN
Sodium Sulfite	150	Α	Α	Α	Α	Α	Α	Α	В	Α	Α	Α	Α	ī	T	TVBNS
Sodium Sulphydrate	100	Α	Х	Х	Х	Х	Α	Α	Х	Α	В	Α	ī	ī	T	ТВ
Sodium Thiosulfate	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	i	X	TVBNS
Stannic Chloride	150	Α	Α	Α	Α	ı	A	A	Α	A	Α	Α	X	X	X	TB
Stannic Sulfide	150	Α	Α	Α	Α	ΙĖ	A	A	Α	A	Α	Α	ı	ì	1	TBN
Stannous Chloride	150	Α	Α	Α	Α	i	A	Α	В	A	Α	Α	A	X	X	ТВ
Stannous Sulfide	150	Α	A	A	A	Ė	A	A	A	A	Α	Α	1	ì	ı	TB
Starriodo Samao	1.00	١,,	, ·	٠,	, , ,		- / \	٠,	, ·	_ , \	, ·	١,,				٠. ت



GOOD YEAR

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RATING SCALE

- A = May be used for Continuous Service
- B = May be used for Intermittent Service
- X = Do not Use

GASKET

- T = Teflon® V = Viton **B** = Nitrile
- N = Neoprene S = Silicone

				Н	OSE	TUBE I	POLY	MER			J		١	1ETA	L
	UHMWPE	Butyl	Hypalon®	NR.	Viton®	Nitrile	CPE	EPDM	XLPE	Alphasyn™	Teflon ®	316 SS	Aluminum	Brass	Gasket
or	Fabore	Grav E.	Yellow	Tan Er Wing	Orang	Flexwing Petroing	Brown	Purph Flexwing	Green XLPE	Viper	HI-PER	Instal	Install	Insta-1	Insta-Lock
i-				(CHE	MICA	AL HOSI	E			$\bigvee_{\mathbf{G}}$		YEAR ING

X = Do not Use I = Insufficient Data,	Jpe	동	Bui	Ŧ	R	Vit	ž	유	믑	Z	Alp	Tef	316	Alt	Bra	Ga
contact Goodyear	Tempe				Н	OSE	TUBE	POLY	MER					N	/IETA	L /
Stearic Acid	100	Α	В	Х	Χ	ı	Α	Α	В	Α	Α	Α	Α	В	Α	TVB
Stoddards Solvent	100	Α	X	Х	X	A	A	Α	X	A	В	Α	Α	A	1	TVB
Styrene	100	В	Х	Х	Х	Α	X	Х	Χ	X	1	Α	Α	ı	ī	ΤV
Sulfamic Acid (>10%)	100	Х	Α	В	В	ı	В	Α	ı	ı	ı	Α	ı	ı	ı	TVN
Sulfonic Acid	100	В	Х	Х	Χ	Χ	Х	ı	ı	В	I	Α	ı	ı	ı	TVN
Sulfur Dioxide (Liquid)	100	В	В	В	ı	Χ	ı	ı	ı	Х	ı	Α	Α	ı	ı	TN
Sulfuric Acid 25%	150	Α	Α	В	В	ı	Х	Α	Α	Α	Α	Α	ı	Х	Χ	TVN
Sulfuric Acid 93%	100	Χ	Χ	В	Χ	В	Χ	Х	В	Α	Α	Α	1	Χ	Χ	ΤV
Sulfuric Acid 93-98%	100	Χ	Χ	Χ	Χ	В	Х	Х	Χ	ı	В	Α	ı	Χ	Χ	ΤV
Sulfuric Acid Fuming	100	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Α	ı	Χ	Χ	Т
Sulfurous Acid 10%	150	Α	Α	Α	Α	ı	Χ	Α	Α	Α	Α	Α	I	Χ	Χ	Т
Sulfurous Acid 10-75%	100	Α	Α	Α	Α	ı	Χ	Α	Α	Α	Α	Α	ı	Χ	Χ	Т
Sulphonate	100	ı	Χ	Χ	Χ	Χ	Α	Α	Χ	Χ	1	ı	ı	ı	ı	В
Т																
Tall Oil	100	Α	Χ	Χ	Χ	Α	Α	ı	Χ	I	I	Α	Α	Χ	Χ	TVB
Tallow	150	Α	Χ	Χ	Χ	ı	Α	Α	Χ	ı	1	Α	Α	ı	Α	TBNS
Tannic Acid	150	Α	Α	Α	Α	ı	В	Α	Χ	ı	1	Α	Α	Χ	ı	TVBN
Tar				SI	PEC	IAL	HOSE	RE	QUI	RED			Α	Α	ı	I
Tartaric Acid	150	Α	Α	Α	Α	ı	Α	Α	Α	Α	Α	Α	Α	ı	Α	TBN
Tergitol	100	Χ	1	ı	ı	ı	-	1	1	ı	ı	Α	ı	ı	ı	T
Tertiary Butyl Alcohol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	ı	ı	ı	ТВ
Tetrachlorobenzene	100	В	Χ	Х	Χ	В	Χ	1	Χ	В	ı	Α	ı	ı	ı	T
Tetrachloroethane	100	Α	Χ	Χ	Χ	Α	Χ	1	Χ	Χ	ı	Α	Α	Χ	Χ	TV
Tetrachloroethylene	100	Α	Χ	Χ	Χ	Α	Χ	X	Χ	Α	В	Α	Α	В	Χ	TV
Tetrachloromethane	100	Α	Χ	Χ	Χ	Α	Χ	X	Χ	Х	В	Α	Α	ı	1	TV
Tetrachloronaphthalene	100	В	Χ	Χ	Χ	В	Χ	1	Χ	Χ	1	Α	1	ı	1	T
Tetradecanol	100	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	ı	ı	ı	ТВ
Tetraethylene Glycol	150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	1	ı	1	TVB
Tetraethylene Lead	100	Χ	Χ	Х	Χ	Α	Х	X	Χ	X	ı	Α	ı	ı	ı	TV
Tetrahydrofuran	100	В	Χ	Х	Χ	Χ	Χ	X	Χ	В	Χ	Α	Α	В	Χ	T
THF	100	В	Χ	Χ	Χ	Χ	Χ	X	Χ	В	Χ	Α	Α	В	Χ	T
Thionyl Chloride	100	Χ	ı	ı	ı	ı	- 1	1	ı	I	Х	Α	Х	Χ	Χ	T
Tin Chloride	100	Α	Α	Α	Α	ı	Α	Α	Α	Α	Α	Α	Х	Χ	Χ	TVB
Tin Tetrachloride	150	В	Α	Α	Α	ı	Α	Α	Α	Α	Α	Α	Х	Χ	Х	ТВ
Titanium Tetrachloride	100	В	Х	Х	Χ	Α	В	X	Х	Α	В	Α	В	Χ	Χ	TV
Toluene	100	Α	Χ	Χ	Χ	Α	Χ	X	Χ	В	В	Α	Α	Α	Α	TV
Toluidine	100	Χ		ı	1	I	ı	1	1		1	Α	1	ı	1	T
Toluol	100	Α	Χ	Χ	Χ	Α	Χ	X	Χ	Α	В	Α	Α	Α	Α	TV
Transformer Oil	100	Χ	ı	ı	ı	ı	ı	1	ı	ı	I	Α	Α	ı	ı	T
Transmission Oil "A"	150	В	X	Х	Х	Α	Α		Х	I	I	Α	Α	Α	Α	TVB
Tributoxy Ethysulphate	100	I	Α	Х	Χ	Α	Х	X	Α	Х	I	I	ı	I	ı	V



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Air & Multipurpose General Purpose Heavy Duty Push-on

> Chemical Transfer

Cleaning Equipment

Food Transfer Washdown

Hydraulic

Marine

Material Handling Abrasives Bulk Transfer Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock Transfer

Spray

Steam

Vacuum

Water Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Supersedes Catalog #01-130

Air & Multipurpose General Purpose Heavy Duty Push-on

> Chemical Transfer

Cleaning Equipment

Food Transfer Washdown

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Petroleum Aircraft Fueling Dispensing Dock Transfer

Spray

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Vacuum

Water Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Appendix Additional **Products** Chemical Charts General Information Minimum Run Requirements

This chemical chart is offered as a guide only. There are many variables to be considered with each appli-

cation. Ratings are for tube polymer only! For explanation of ratings see page 272. Contact Goodyear for chemicals or polymers not listed at 800-235-4632.

RATING SCALE	GASKET
= May be used	T = Teflon®
for Continuous	V = Viton

						CHE	MICA	AL HOSI	E				300E FIT	YEAR TING
,	/ ,	wing	Xwing	ing	ekwing	/	Flexwing	Flexwing XLPF	ving	/ ,	/ ,	/	/	/ /
/2														
Fab	Grav	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Tan	O	Ple Pet	Bro	Pul	9 8 G	Viber	H	Insi	Insi	Insu	lsuj
UHMWPE	Butyl	Hypalon®	NR	Viton®	Nitrile	Syn TM num								
			Н	OSE	TUBE I	POLY	MER					N	/IETA	L /

No. No.	RATING SCALE A = May be used for Continuous Service GASKET T = Teflon® V = Viton B = Nitrile	(°F)	Fabor	Grav E.	Yellow	Tan Ei	Orange	Flexwing	Brown	Purnt	Green XI	Viper	HI-PER	Instai	Instal	Instal	Insta-Loc
Tributy Amine	for Intermittent Service X = Do not Use	mperature				NR	Viton®	Nitrile	CPE	EPDM	XLPE	Alphasyn™		SS	Aluminum	Brass	Gasket
Tributyl Phosphate 100	contact Goodyear	<u> </u>				Н	OSE	TUBE F	POLY	MER			\mathcal{I}		N	ИЕТА	
Trichlorobenzene	Tributyl Amine	100	Α	Α	Χ	В	ı	В	Α	I	Α	Α	Α	ı	I	I	
Trichloroethylene	Tributyl Phosphate	100	Α		Χ				Χ		Α	ı	Α	Α	ı	Χ	
Trichloroethylene 100	Trichlorobenzene	100							Χ			ı	Α		Α	1	
Trichloropropane	Trichloroethane	100					Α				Χ	В	Α	Α	ı	ı	TV
Tricresylphosphate	Trichloroethylene	100					Α		Χ		Χ	В				1	TV
Tridecanol		100							ı		Α	ı	Α			1	
Triethanolamine				Α		Χ		Χ	Α	Α	Α	1	Α	Α	Χ	1	
Triethylamine	Tridecanol	100						Α							ı		ТВ
Triethylene Glycol	Triethanolamine	100				В	Χ	В		Α					ı	Х	
Triflurallin (Trefalin)	Triethylamine	100	Α	Α			ı	В	Α	ı	Α	Α	Α		ı	1	TVBN
Triphenyl Phosphate	-	150	Α				ı				Α	Α		Α	Α	1	ТВ
Tripolyphosphate		100					Α		Χ	Χ		ı		_	ı	1	
Trisodium Phosphate	Triphenyl Phosphate	100		Α	Χ	Χ	ı	Χ	ı	ı	Α	ı		Α	ı	1	
Turpentine	Tripolyphosphate	100	Χ	ı	ı	ı	ı	- 1	ı	ı	ı	ı	Α	ı	ı	1	
Urea	Trisodium Phosphate	150	Α				Α		Α		Α	Α	Α	Α	Χ	1	_
Urea	Turpentine	100	Α	Χ	Χ	Χ	Α	Α	В	Χ	Α	Χ	Α	Α	Α	Α	TVB
Undecanol	U																
V V.M. & P. Naptha 100 A X X X A A I X A I I I I I I I I TVBS Vinyl Acetate 100 A A B X X X A B A A I X TV Vinyl Benzene 100 A X X X A X X A A I A I I I TV Vinyl Chloride NO HOSE RECOMMENDED FOR THIS APPLICATION No	Urea	100	Α	Α	ı	1	ı	Χ	Α	1	Α	Α	Α	Α	В	1	TVBN
V.M. & P. Naptha 100 A X X A A I A I I I I TVW Vinyl Acetate 100 A A B X X X A A B A I I I I TV Vinyl Benzene 100 A X X A X X A A I A I I TV Vinyl Chloride NO HOSE RECOMMENDED FOR THIS APPLICATION Vinyl Toluene 100 A X X X A A X X A A A I A I I I TV Vinyl Trichloride 100 A X X X A <td>Undecanol</td> <td>100</td> <td>В</td> <td>Α</td> <td>Α</td> <td>Α</td> <td>В</td> <td>Α</td> <td>Α</td> <td>Α</td> <td>Α</td> <td>Α</td> <td>Α</td> <td>ı</td> <td>ı</td> <td>1</td> <td>ТВ</td>	Undecanol	100	В	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	ı	ı	1	ТВ
Vinyl Acetate 100 A A B X X X A B A A I X T V Vinyl Benzene 100 A X X X X X X A I A A I I I I T V Vinyl Chloride NO HOSE RECOMMENDED FOR THIS APPLICATION Vinyl Toluene 100 A X X X A A A I A I I I I T V Vinyl Trichloride 100 A X X X A A A A A A A I I I T V Water 180 A A A A A A A A A A A I I T VBNS Wax 100 A X X X X X X X <td>V</td> <td></td>	V																
Vinyl Acetate 100 A A B X X X A B A A I X T V Vinyl Benzene 100 A X X X X X X A I A A I I I I T V Vinyl Chloride NO HOSE RECOMMENDED FOR THIS APPLICATION Vinyl Toluene 100 A X X X A A A I A I I I I T V Vinyl Trichloride 100 A X X X A A A A A A A I I I T V Water 180 A A A A A A A A A A A I I T VBNS Wax 100 A X X X X X X X <td>V.M. & P. Naptha</td> <td>100</td> <td>Α</td> <td>Χ</td> <td>Χ</td> <td>Χ</td> <td>Α</td> <td>Α</td> <td>ı</td> <td>Χ</td> <td>Α</td> <td>ı</td> <td>Α</td> <td>ı</td> <td>I</td> <td>ı</td> <td>TVBS</td>	V.M. & P. Naptha	100	Α	Χ	Χ	Χ	Α	Α	ı	Χ	Α	ı	Α	ı	I	ı	TVBS
Vinyl Chloride NO HOSE RECOMMENDED FOR THIS APPLICATION Vinyl Ether NO HOSE RECOMMENDED FOR THIS APPLICATION Vinyl Toluene 100 A X X X X A X X X A I A I A I I I T V Vinyl Trichloride 100 A X X X X A X X X A B A A I I I T V W Water 180 A A A A A A A A A A A A A A A A A I I TVBNS Wax 100 A X X X X X A A X X X A A A X I I A I I I TVBN White Oil 100 A X X X X I A A X I I A A A I I I TVBNS Wood Alcohol 100 A A A A A A A A A A A A A A A A A I I I TBNS X X Xylene (Xylol) 100 B X X X X X X X X X X B B B A B A I I T Xylidine 150 A A A A A A A A A A A A A A A A A B B A A I I T Zinc Carbonate 150 A A A A A A A A A A A A A A A A A A A		100	Α	Α	В	Χ	Χ	Χ	Α	Χ	Α	В	Α	Α	ı	Χ	ΤV
Vinyl Ether NO HOSE RECOMMENDED FOR THIS APPLICATION Vinyl Toluene 100 A X X X A X X A X X A I A I I I I T V Vinyl Trichloride 100 A X X X X A X X A A X X X A B A I I I T V W 180 A A A A A A A A A A A A A A A A A A A	Vinyl Benzene	100	Α	Χ	Χ	Χ	Α	Χ	Χ	Χ	Α	ı	Α	Α	I	ı	TV
Vinyl Toluene 100 A X	Vinyl Chloride			NO	НО	SE	REC	ОММ	END	ED	FOR T	HIS	AP	PLI	CAT	ION	
Vinyl Trichloride 100 A X X X X X X A A A A I I T V Water 180 A<	Vinyl Ether			NO	НО	SE	REC	ОММІ	END	ED	FOR T	HIS	AP	PLI	CAT	ION	
W 180 A	Vinyl Toluene	100	Α	Χ	Χ	Χ	Α	Χ	Χ	Χ	Α	ı	Α	I	ı	ı	TV
Water 180 A </td <td>Vinyl Trichloride</td> <td>100</td> <td>Α</td> <td>Χ</td> <td>Χ</td> <td>Χ</td> <td>Α</td> <td>Χ</td> <td>Χ</td> <td>Χ</td> <td>Α</td> <td>В</td> <td>Α</td> <td>Α</td> <td>ı</td> <td>1</td> <td>TV</td>	Vinyl Trichloride	100	Α	Χ	Χ	Χ	Α	Χ	Χ	Χ	Α	В	Α	Α	ı	1	TV
Wax 100 A X X X X X X X X X A A X <td>W</td> <td></td>	W																
White Oil 100 A X X X I A A X I I A I I A I <th< td=""><td>Water</td><td>180</td><td>Α</td><td>Α</td><td>Α</td><td>Α</td><td>Α</td><td>Α</td><td>Α</td><td>Α</td><td>Α</td><td>Α</td><td>Α</td><td>Α</td><td>I</td><td>1</td><td>TVBNS</td></th<>	Water	180	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	I	1	TVBNS
Wood Alcohol 100 A	Wax	100	Α	Χ	Χ	Χ	Χ	Α	Α	Χ	Χ	Χ	Α	Α	ı	1	TVBN
X Image: color of the color of	White Oil	100	Α	Χ	Χ	Χ	ı	Α	Α	Χ	ı	ı	Α	ı	I	1	TVB
Xylene (Xylol) 100 X	Wood Alcohol	100	Α	Α	Α	Α	Χ	Α	Α	Α	Α	Α	Α	Α	ı	ı	TBNS
Xylidine 100 B X	X																
Xylidine 100 B X	Xylene (Xylol)	100	Х	Χ	Χ	Χ	Α	Χ	Χ	Χ	Α	В	Α	Α	ı	ı	ΤV
Zinc Carbonate 150 A	Xylidine	100	В	Χ	Χ	Χ	Χ	Χ	Χ	Χ	В	В	Α	В	Α	ı	Т
Zinc Carbonate 150 A	Z																
Zinc Chloride 150 A		150	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	В	В	Х	TVBN
Zinc Chromate 150 A A X I I I A X B I A I I I T Zinc Phosphate 100 A X X X X A A A X I A I I I I TBNS													_				
Zinc Phosphate 100 A X X X X A A A A X I A I I TBNS																	
						-										Ī	_
	Zinc Sulfate											Α		Α	Х	Х	





APPENDIX-CHEMICAL CHARTS

SPIRAFLEX HOSE CHEMICAL RESISTANCE GUIDE

Thermoplastic Hose					
 A = May be used for Continuous Service B = May be used for Intermittent Service X = Do not Use I = Insufficient Data 	Temp °F	Spirathane	Flexible PVC	TPE	TPR
Α					
Acetaldehyde	70°	Χ	Χ	I	X
Acetic Acid, Conc.	70°	Χ	В	I	
Acetic Acid, Dilute 10	70°	В	Α	I	
Acetic Acid, Glacial	70°	Χ	В	I	Χ
Acetic Aldehyde	70°	ı	Χ	I	Χ
Acetic Anhydride	70°	Χ	Χ	Χ	Χ
Acetic Ester	70°	Χ	Χ	Χ	В
Acetic Ether	70°	Χ	Χ	Χ	I
Acetone	70°	Χ	Χ	Χ	В
Acetone Cyanohydrin	70°	Χ	Χ	Χ	Τ
Acetyl Acetone	70°	Χ	Χ	Χ	I
Acetyl Chloride	70°	Χ	I	Χ	X
Acetylene Dichloride	70°	ı	Χ	I	Χ
Acetylene Tetrachloride	70°	ı	Χ	I	ı
Acrylonitrile	70°	Α	Α	В	Ι
Allyl Alcohol	70°	Χ	Χ	Χ	Χ
Allyl Bromide	70°	Χ	Χ	Χ	Ι
Allyl Chloride	70°	Χ	Χ	Χ	Ι
Alum	70°	Α	Α	Α	В
Aluminum Acetate	70°	I	I	I	Ι
Aluminum Chloride	70°	Α	Α	Α	В
Aluminum Hydroxide	70°	Α	Α	Α	Ι
Aluminum Sulfate	70°	Α	Α	Α	В
Ammonia Cupric Sulfate	70°	I	Χ	I	I
Ammonia Water	70°	Α	Α	Α	Α
Ammonium Chloride	70°	Α	Α	Α	В
Ammonium Hydroxide	70°	В	В	I	В
Ammonium Nitrate	70°	Α	Α	Α	Ι
Ammonium Phosphate	70°	I	I	I	В
Ammonium Sulfate	70°	Α	Α	Α	В
Ammonium Sulfide	70°	Α	Α	Α	Τ
Ammonium Sulfite	70°	Α	Α	Α	Τ
Ammonium Thiosulfate	70°	Α	Α	I	I

Thermoplastic Hose					
-					
 A = May be used for Continuous Service B = May be used for Intermittent Service X = Do not Use I = Insufficient Data 	Temp °F	Spirathane	Flexible PVC	TPE	TPR
Amyl Acetate	70°	Χ	Χ	Χ	Χ
Amyl Alcohol	70°	В	В	ı	Χ
Amyl Chloride	70°	Χ	Χ	Χ	Χ
Amyl Phenol	70°	I	Χ	ı	I
Amyl Phthalate	70°	I	Χ	I	Ι
Aniline Oils	70°	Χ	Χ	Χ	1
Animal Grease	70°	Α	Α	Α	Ι
Animal Oils	70°	Α	Α	Α	Χ
Aqua Ammonia	70°	I	В	В	
Aromatic Tar	70°	Χ	Χ	Χ	Ι
Arsenic Acid	70°	Α	Α	Α	1
Arsenic Chloride	70°	Α	Α	I	1
Arsenic Trichloride	70°	Α	Α	ı	Ι
Asphalt	70°	Χ	Χ	Χ	Χ
ASTM #1 Oil	70°	Α	Α	Α	Х
ASTM #2 Oil	70°	Α	Α	I	Χ
ASTM #3 Oil	70°	Α	Α	В	Χ
В					
Barium Carbonate	70°	Α	Α	Α	Ι
Barium Chloride	70°	Α	Α	Α	Ι
Barium Hydroxide	70°	Α	Α	Α	Ι
Barium Sulfate	70°	Α	Α	Α	1
Barium Sulfide	70°	Α	Α	Α	Ι
Benzyl Chloride	70°	I	Χ	I	Ι
Benzaldehyde	70°	Χ	Χ	Χ	Χ
Benzene (Benzol)	70°	Χ	Χ	Χ	Х
Benzine (Ligroin)	70°	Χ	Χ	Χ	Χ
Benzine Solvent (Ligroin)	70°	Χ	Χ	Χ	Χ
Benzoic Acid	70°	В	Α	Α	В
Benzoic Aldehyde	70°	I	Χ	I	Ι
Benzotrichloride	70°	-	Χ	ı	Ι
Benzoyl Chloride	70°	I	Χ	I	Ι
Benzyl Acetate	70°	I	Χ	I	Ι
Benzyl Chloride	70°	I	Χ	I	Τ



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Air &
Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food

<u>Transfer</u>

Washdown

Hydraulic

Marine

Material Handling

Abrasives

Bulk Transfer

Cement & Concrete

Mining

Petroleum

Aircraft Fueling

Dispensing

Dock

Transfer

Spray

Steam

Vacuum

Water
Discharge
Suction &
Discharge
Washdown

Welding

Coupling Systems



Chemical Transfer

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Food <u>Transfer</u> Washdown

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Dock

Transfer

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Vacuum

Water

Discharge
Suction &
Discharge
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APPENDIX-CHEMICAL CHARTS

SPIRAFLEX HOSE CHEMICAL RESISTANCE GUIDE

Thermoplastic Hose					
 A = May be used for Continuous Service B = May be used for Intermittent Service X = Do not Use I = Insufficient Data 	Temp °F	Spirathane	Flexible PVC	TPE	TPR
Bichromate of Soda	70°	ı	Α	I	I
Black Sulfate Liquor	70°	Α	Α	Α	I
Bleach	70°	Α	Α	Α	В
Brine	70°	Α	Α	Α	В
Bromine	70°	Χ	Χ	Χ	Χ
Bromo Benzene	70°	ı	Χ	I	Χ
Bromo Toluene	70°	I	Χ	I	I
Bromochloromethane	70°	I	Χ	I	Χ
Butanol	70°	ı	Χ	I	В
Butyl (Normal) Alcohol	70°	ı	Χ	Χ	В
Butyl (Secondary) Alcohol	70°	I	Χ	Χ	В
Butyl Acetate	70°	Χ	Χ	I	Χ
Butyl Acetoacetate	70°	I	Χ	I	I
Butyl Acrylate	70°	I	Χ	I	ı
Butyl Alcohol	70°	Α	Α	Α	В
Butyl Benzene	70°	I	Χ	I	I
Butyl Benzl Phthalate	70°	I	Χ	I	I
Butyl Bromide	70°	I	Χ	I	ı
Butyl Butyrate	70°	I	Χ	I	I
Butyl Chloride	70°	ı	Χ	I	ı
Butyl Phthalate	70°	I	Χ	I	Χ
Butyric Acid	70°	I	Χ	В	ı
С					
Cadmium Acetate	70°	ı	Α	I	I
Calcium Acetate	70°	ı	Α	I	I
Calcium Aluminate	70°	I	Α	I	I
Calcium Bichromate	70°	ı	Α	I	ı
Calcium Bisulfate	70°	I	Α	В	I
Calcium Bisulfite	70°	Α	Α	Α	I
Calcium Carbonate	70°	Α	Α	Α	I
Calcium Chloride	70°	Α	Α	Α	ı
Calcium Hydroxide (Caustic Lime)	70°	Α	Α	Α	I
Calcium Hypochlorite	70°	Α	Α	I	ı
Calcium Nitrate	70°	Α	Α	I	I

Thermanication Hann		_			
Thermoplastic Hose	I				
 A = May be used for Continuous Service B = May be used for Intermittent Service X = Do not Use I = Insufficient Data 	Temp °F	Spirathane	Flexible PVC	TPE	TPR
Calcium Silicate	70°	Α	Α	I	I
Calcium Sulfate	70°	Α	Α	Α	I
Calcium Sulfide	70°	Α	Α	ı	I
Calcium Sulfite	70°	Α	Α	1	I
Carbolic Acid, Phenol	70°	Χ	Χ	Χ	Χ
Carbon Dioxide	70°	Α	Α	Α	В
Carbon Disulfide	70°	Χ	Χ	Χ	Χ
Carbon Monoxide	70°	Α	Α	Α	В
Carbon Tetrachloride	70°	Χ	Χ	Χ	Χ
Carbonic Acid	70°	Ι	Α	Α	I
Casinghead Gasoline	70°	I	Χ	Χ	Χ
Caster Oil	70°	Α	Α	Α	I
Caustic Potash	70°	Α	Α	Α	Α
Caustic Soda	70°	Α	Α	Α	В
Chlorinated Solvents	70°	I	Χ	ı	I
Chlorine (Dry)	70°	Α	Α	Α	В
Chlorine (Wet)	70°	В	Χ	ı	В
Chloroacetone	70°	I	Χ	ı	I
Chlorobenzene	70°	Χ	Χ	Χ	Χ
Chlorobutane	70°	I	Χ	ı	I
Chloroethylbenzene	70°	ı	Χ	1	ı
Chloroform	70°	Χ	Χ	Χ	Χ
Chloropentane	70°	ı	Χ	ı	Χ
Chlorophenol	70°	I	Χ	ı	I
Chloropropanone	70°	ı	Χ	ı	ı
Chlorosulfonic Acid	70°	ı	В	ı	Χ
Chlorothene	70°	I	Χ	ı	Χ
Chlorotoluene	70°	Χ	Χ	Χ	Χ
Chromic Acid	70°	В	В	В	В
Copper Chloride	70°	Α	Α	Α	В
Copper Hydrate	70°	ı	Α	ı	I
Copper Hydroxide	70°	I	Α	ı	ı
Copper Nitrate	70°	Α	Α	Α	I
Copper Nitrite	70°	Α	Α	Α	I





APPENDIX-CHEMICAL CHARTS

SPIRAFLEX HOSE CHEMICAL RESISTANCE GUIDE

SPINAPLLX	110.	<u>JL</u>		<i>ا</i> ر	
Thermoplastic Hose					
 A = May be used for Continuous Service B = May be used for Intermittent Service X = Do not Use I = Insufficient Data 	Temp °F	Spirathane	Flexible PVC	TPE	TPR
Copper Sulfate	70°	Α	Α	Α	I
Copper Sulfide	70°	В	Α	В	I
Creosol	70°	Χ	Χ	Χ	Χ
Creosote	70°	Χ	Χ	Χ	Χ
Crude Oil	70°	В	Α	В	Х
Cupric Carbonate	70°	I	Α	I	I
Cupric Chloride	70°	Α	Α	I	ı
Cupric Nitrate	70°	Α	Α	I	I
Cupric Nitrite	70°	Α	Α	I	I
Cupric Sulfate	70°	Α	Α	Α	I
Cyclohexane	70°	Χ	Χ	Χ	Х
Cyclohexanol	70°	Χ	Χ	Χ	Х
Cyclohexanone	70°	Χ	Χ	Χ	Х
Cyclopentane, methyl	70°	I	Α	I	I
Cyclopentanol	70°	I	Α	I	I
Cyclopentanone	70°	I	Α	I	ı
С					
D.D.T.	70°	Ι	Α	I	ı
D.D.T. in Kerosene	70°	Χ	Χ	Χ	Х
Decalin	70°	I	В	I	ı
Decanol	70°	I	В	I	ı
Decyl Alcohol	70°	I	Α	I	ı
Decyl Butyl Phthalate	70°	Χ	Χ	Χ	Х
Denatured Alcohol	70°	I	Α	В	ı
Diacetone Alcohol	70°	В	Α	В	В
Diamyl Phenol	70°	Χ	Χ	Χ	Х
Dibromobenzene	70°	I	Χ	I	ı
Dibutyl Amine	70°	I	Χ	I	ı
Dibutyl Phthalate	70°	Χ	Χ	Χ	Х
Dibutyl Sebacate	70°	I	Х	I	ı
Dicalcium Phosphate	70°	В	Α	В	ı
Dichlorobenzene	70°	Χ	Х	Χ	Х
Dichlorobutane	70°	ı	Х	I	ı
Dichlorodiboromethane	70°	Χ	Χ	Χ	Х
İ	1			1	

Thermoplastic Hose					
 A = May be used for Continuous Service B = May be used for Intermittent Service X = Do not Use I = Insufficient Data 	Temp °F	Spirathane	Flexible PVC	TPE	TPR
Dichloroethane	70°	ı	Χ	I	-
Dichloroethyl Ether	70°	I	Χ	ı	Χ
Dichloroethylene	70°	ı	Χ	ı	Χ
Dichlorohexane	70°	I	Χ	ı	Χ
Dichloromethane	70°	I	Χ	ı	Χ
Dichloropentane	70°	I	Χ	ı	Χ
Dichloropropane	70°	I	Χ	ı	Χ
Diesel Oil	70°	I	В	Χ	Χ
Diethylamine	70°	ı	ı	ı	I
Diethyl Benzene	70°	I	Χ	ı	Χ
Diethyl Ketone	70°	ı	Χ	ı	ı
Diethyl Oxalate	70°	I	Χ	I	I
Diethyl Phthalate	70°	I	Χ	ı	I
Diethyl Sebacate	70°		Χ	I	-
Diethylene Glycol	70°	I	В	ı	I
Diisobutyl Ketone	70°	I	Χ	ı	I
Diisoctyl Adipate	70°	I	Χ	I	-
Diisoctyl Phthalate	70°	I	Χ	ı	I
Diisodecyl Adipate	70°	ı	Χ	ı	I
Diisopropyl Amine	70°	I	Χ	ı	I
Diisopropyl Ketone	70°	ı	Χ	ı	I
Dimethyl Amine	70°	ı	Χ	I	I
Dimethyl Benzene	70°	I	Χ	T	I
Dimethyl Ketone	70°	I	Χ	I	I
Dimethyl Phthalate	70°	I	Χ	ı	ı
Dinitrobenzene	70°	I	Χ	ı	I
Dioctyl Adipate	70°	I	Χ	ı	ı
Dioctyl Phthalate	70°	Χ	Χ	Х	Χ
Dioctyl Sebacate	70°	ı	Χ	ı	I
Diphenyl Phthalate	70°	I	Χ	I	I
Dipropyl Ketone	70°	ı	Χ	ı	I
Disodium Phosophate	70°	Α	Α	Α	В
Divinyl Benzene	70°	I	Х	ı	I
Dodecyl Benzene	70°	I	X	I	I

See Page 2 for complete product warranty and terms of sale information. In V-Cat, please reference the Conditions of Sale page in the General Information section. Information in this catalog supersedes all previously printed material. Information valid through December 31, 2004. Due to continual product improvements, Goodyear reserves the right to alter specs without prior notice. For the most current product information, visit us online at www.goodyear-hose.com.

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Air &
Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
<u>Transfer</u>
Washdown

Hydraulic

Marine

Material Handling

Abrasives

Bulk Transfer

Cement & Concrete

Mining

Petroleum

Aircraft Fueling

Dispensing

Dock

Spray

Transfer

Steam

Vacuum

Water
Discharge
Suction &
Discharge
Washdown

Welding

Coupling Systems



Chemical Transfer

Cleaning Equipment

Food <u>Transfer</u> Washdown

Hydraulic

Marine

Material Handling

Abrasives

Bulk Transfer

Cement & Concrete

Mining

Petroleum

Aircraft Fueling

Dispensing

Dock

Transfer

Spray

Steam

Vacuum

Water

Discharge
Suction &
Discharge
Washdown

Welding

Coupling Systems

Appendix
Additional
Products
Chemical Charts
General
Information
Minimum Run
Requirements



APPENDIX-CHEMICAL CHARTS

SPIRAFLEX HOSE CHEMICAL RESISTANCE GUIDE

Thermoplastic Hose A = May be used for Continuous Service B = May be used for Intermittent Service I = Insufficient Data Temp of Service I = Insufficient Data A A A A A A A A A A A A A A A A A A A	Γ=-					
Continuous Service	Thermoplastic Hose					
Ethanol 70° A A A Ethanol Amine 70° B A B Ethyl Acetate 70° X X X B Ethyl Acetoacetate 70° X X X I Ethyl Acrylate 70° X X X I Ethyl Acrylate 70° A A A A Ethyl Acrylate 70° I X I X I Ethyl Acrylate 70° I A	Continuous Service B = May be used for Intermittent Service X = Do not Use		Spirathane	Flexible PVC	TPE	TPR
Ethanol Amine 70° B A B I Ethyl Acetate 70° X X X B Ethyl Acetoacetate 70° I X I I Ethyl Acrylate 70° A A A A A Ethyl Benzene 70° I X I X Ethyl Butanol 70° I A I I Ethyl Butyl Acetate 70° I A I I Ethyl Butyl Acetate 70° I A I I Ethyl Butyl Acetate 70° I X X X X Ethyl Butyl Ketone 70° I X	E					
Ethyl Acetate 70° X X X B Ethyl Acetoacetate 70° I X I I Ethyl Acrylate 70° X X X I Ethyl Acrylate 70° A A A A A Ethyl Benzene 70° I X I X I X Ethyl Butyl Acetate 70° I A I	Ethanol	70°	Α	Α	Α	Α
Ethyl Acetoacetate 70° I X I Ethyl Acrylate 70° X X X Ethyl Alcohol 70° A A A Ethyl Benzene 70° I X I X Ethyl Butyl Butyl Acetate 70° I X I I Ethyl Butyl Alcohol 70° I X I I Ethyl Butyl Ketone 70° I X X X X X Ethyl Chloride 70° I X	Ethanol Amine	70°	В	Α	В	I
Ethyl Acrylate 70° X X X X I Ethyl Alcohol 70° A A A A A Ethyl Benzene 70° I X I X I X Ethyl Butanol 70° I A I I Ethyl Butyl Acetate 70° I X I I Ethyl Butyl Alcohol 70° I X I I Ethyl Butyl Ketone 70° I X I I Ethyl Chloride X X X X X Ethyl Dichloride 70° X X X X X Ethyl Formate 70° I X I I Ethyl Formate 70° I X I I Ethyl Hexyl Acetate 70° I X I I Ethyl Hexyl Alcohol 70° I X X I I Ethyl Isobutyl Ether 70° I X X X X Ethyl Isobutyl Ether 70° I X I I I Ethyl Methyl Ketone 70° I X I I I Ethyl Phthalate 70° I X I I I Ethyl Propyl Ether 70° I X I I I Ethyl Propyl Ketone 70° X X X X X Ethylene Bromide 70° X X X X X Ethylene Chloride 70° X X X X X Ethylene Dichloride 70° X X X X X Ethylene Glycol 70° A A A A Ferric Bromide 70° A A A A Ferric Chlor	Ethyl Acetate	70°	Χ	Χ	Χ	В
Ethyl Alcohol 70° A A A Ethyl Benzene 70° I X I X Ethyl Butanol 70° I A I <td>Ethyl Acetoacetate</td> <td>70°</td> <td>ı</td> <td>Χ</td> <td>I</td> <td>I</td>	Ethyl Acetoacetate	70°	ı	Χ	I	I
Ethyl Benzene 70° I X I X Ethyl Butanol 70° I A I I Ethyl Butyl Acetate 70° I X I I Ethyl Butyl Acetate 70° I X I I Ethyl Butyl Ketone 70° I X X X X Ethyl Chloride X X X X X Ethyl Dichloride 70° X X X X X Ethyl Dichloride 70° X <td>Ethyl Acrylate</td> <td>70°</td> <td>Χ</td> <td>Χ</td> <td>Χ</td> <td>I</td>	Ethyl Acrylate	70°	Χ	Χ	Χ	I
Ethyl Butanol 70° I A I I Ethyl Butyl Acetate 70° I X I I Ethyl Butyl Alcohol 70° I A I I Ethyl Butyl Ketone 70° I X	Ethyl Alcohol	70°	Α	Α	Α	Α
Ethyl Butyl Acetate 70° I X I I Ethyl Butyl Alcohol 70° I A I I Ethyl Butyl Ketone 70° I X X X X Ethyl Chloride X X X X X Ethyl Dichloride 70° X X X X X Ethyl Ether X X X X X Ethyl Formate 70° I X I I Ethyl Formate 70° I X I I Ethyl Hexyl Acetate 70° I X I I Ethyl Hexyl Alcohol 70° I X X X X Ethyl Isobutyl Ether 70° I X I I Ethyl Methyl Ketone 70° X X X X X Ethyl Oxalate 70° I X I I Ethyl Propyl Ether 70° I X I I Ethyl Propyl Ether 70° I X I I Ethyl Propyl Ketone 70° X X X X Ethylene Bromide 70° X X X X X Ethylene Dibromide 70° X X X X X Ethylene Dichloride 70° X X X X X Ethylene Glycol 70° A A A A F Ferric Chloride 70° A A A A A	Ethyl Benzene	70°	ı	Χ	I	Χ
Ethyl Butyl Alcohol 70° I A I I Ethyl Butyl Ketone 70° I X I I Ethyl Chloride X X X X Ethyl Dichloride 70° X X X X Ethyl Ether X X X X Ethyl Formate 70° I X I I Ethyl Formate 70° I X I	Ethyl Butanol	70°	I	Α	I	I
Ethyl Butyl Ketone 70° I X I X Ethyl Chloride X X X X Ethyl Dichloride 70° X X X X Ethyl Ether X X X X Ethyl Formate 70° I X I I Ethyl Hexyl Acetate 70° I X I I Ethyl Hexyl Alcohol 70° I X X X X Ethyl Iodide 70° I X I I Ethyl Isobutyl Ether 70° I X I I Ethyl Methyl Ketone 70° I X I I Ethyl Phthalate 70° I X I I Ethyl Propyl Ether 70° I X I I Ethyl Propyl Ketone 70° X X X X Ethylene Bromide 70° X X X X Ethylene Chloride 70° X X X X Ethylene Dibromide 70° X X X X Ethylene Glycol 70° A A A A Ferric Bromide 70° A A A A Ferric Chloride 70° A A A A	Ethyl Butyl Acetate	70°	ı	Χ	I	I
Ethyl Chloride X X X Ethyl Dichloride 70° X X X Ethyl Ether X X X Ethyl Formate 70° I X I Ethyl Formate 70° I X I I Ethyl Hexyl Acetate 70° I X I I Ethyl Hexyl Alcohol 70° I A I I Ethyl Hexyl Alcohol 70° I X	Ethyl Butyl Alcohol	70°	I	Α	I	I
Ethyl Dichloride 70° X X X X Ethyl Ether X X X X Ethyl Formate 70° I X I Ethyl Hexyl Acetate 70° I X I Ethyl Hexyl Alcohol 70° I X X X X Ethyl Iodide 70° X X X X X Ethyl Isobutyl Ether 70° I X I I Ethyl Methyl Ketone 70° I X I I Ethyl Oxalate 70° I X I I Ethyl Phthalate 70° I X I I Ethyl Propyl Ether 70° I X I I Ethyl Propyl Ketone 70° X X X X X Ethylene Bromide 70° X X X X X Ethylene Chloride 70° X X X X X Ethylene Dibromide 70° X X X X X Ethylene Glycol 70° A A A A F Ferric Bromide Ferric Chloride 70° A A A A	Ethyl Butyl Ketone	70°	I	Χ	I	ı
Ethyl Ether X X X Ethyl Formate 70° I X I I Ethyl Hexyl Acetate 70° I X I I Ethyl Hexyl Alcohol 70° I X X X X Ethyl Iodide 70° I X I	Ethyl Chloride		Χ	Χ	Χ	Χ
Ethyl Formate 70° I X I	Ethyl Dichloride	70°	Χ	Χ	Χ	Χ
Ethyl Hexyl Acetate 70° I X I I Ethyl Hexyl Alcohol 70° I A I I Ethyl Iodide 70° X X X X X Ethyl Isobutyl Ether 70° I X I I Ethyl Methyl Ketone 70° I X I I Ethyl Oxalate 70° I X I I Ethyl Phthalate 70° I X I I Ethyl Propyl Ether 70° I X I I Ethyl Propyl Ketone 70° X X X X X Ethylene Bromide 70° X X X X X Ethylene Chloride 70° X X X X X Ethylene Dibromide 70° X X X X X Ethylene Glycol 70° A A A A F 70° A A A A Ferric Chloride 70° A A A A	Ethyl Ether		Χ	Χ	Χ	Χ
Ethyl Hexyl Alcohol 70° I A I I Ethyl Iodide 70° X I	Ethyl Formate	70°	ı	Χ	I	ı
Ethyl Iodide 70° X X X X Ethyl Isobutyl Ether 70° I X I I Ethyl Methyl Ketone 70° X X X X X Ethyl Oxalate 70° I X I I Ethyl Phthalate 70° I X I I Ethyl Propyl Ether 70° I X X I I Ethyl Propyl Ketone 70° X X X X X Ethylene Bromide 70° X X X X X Ethylene Chloride 70° X X X X X Ethylene Dibromide 70° X X X X X Ethylene Glycol 70° A A A A F 70° A A A A Ferric Chloride 70° A A A A	Ethyl Hexyl Acetate	70°	I	Χ	I	ı
Ethyl Isobutyl Ether 70° I X I I Ethyl Methyl Ketone 70° X X X X X Ethyl Oxalate 70° I X I I Ethyl Phthalate 70° I X I I Ethyl Propyl Ether 70° I X X I I Ethyl Propyl Ketone 70° X X X X I Ethylene Bromide 70° X X X X X Ethylene Chloride 70° X X X X X Ethylene Dibromide 70° X X X X X Ethylene Dichloride 70° X X X X X Ethylene Glycol 70° A A A A F Ferric Bromide Ferric Chloride 70° A A A A	Ethyl Hexyl Alcohol	70°	ı	Α	I	ı
Ethyl Methyl Ketone 70° X X X X Ethyl Oxalate 70° I X I I Ethyl Phthalate 70° I X I I Ethyl Propyl Ether 70° I X I I Ethyl Propyl Ketone 70° X X X X I Ethylene Bromide 70° X X X X X Ethylene Chloride 70° X X X X X Ethylene Dibromide 70° X X X X X Ethylene Dichloride 70° X X X X X Ethylene Glycol 70° A A A A F 70° A A A A Ferric Bromide 70° A A A A Ferric Chloride 70° A A A A	Ethyl Iodide	70°	Χ	Χ	Χ	Χ
Ethyl Oxalate 70° I X I I Ethyl Phthalate 70° I X I I Ethyl Propyl Ether 70° I X I I Ethyl Propyl Ketone 70° X X X I Ethylene Bromide 70° X X X X Ethylene Chloride 70° X X X X Ethylene Dibromide 70° X X X X Ethylene Glycol 70° A A A A F I </td <td>Ethyl Isobutyl Ether</td> <td>70°</td> <td>ı</td> <td>Χ</td> <td>I</td> <td>ı</td>	Ethyl Isobutyl Ether	70°	ı	Χ	I	ı
Ethyl Phthalate 70° I X I I Ethyl Propyl Ether 70° I X I I Ethyl Propyl Ketone 70° X X X X I Ethylene Bromide 70° X X X X X Ethylene Chloride 70° X X X X X Ethylene Dibromide 70° X X X X X Ethylene Dichloride 70° X X X X X Ethylene Glycol 70° A A A A A F 70° A A A A B Ferric Chloride 70° A A A A A	Ethyl Methyl Ketone	70°	Χ	Χ	Χ	Χ
Ethyl Propyl Ether 70° I X I I Ethyl Propyl Ketone 70° X X X X I Ethylene Bromide 70° X X X X X Ethylene Chloride 70° X X X X X Ethylene Dibromide 70° X X X X X Ethylene Dichloride 70° X X X X X Ethylene Glycol 70° A A A A F 70° A A A A B Ferric Chloride 70° A A A A A	Ethyl Oxalate	70°	ı	Χ	I	I
Ethyl Propyl Ketone 70° X X X X Ethylene Bromide 70° X X X X Ethylene Chloride 70° X X X X Ethylene Dibromide 70° X X X X Ethylene Dichloride 70° X X X X Ethylene Glycol 70° A A A A F 70° A A A B Ferric Bromide 70° A A A A Ferric Chloride 70° A A A A	Ethyl Phthalate	70°	I	Χ	I	ı
Ethylene Bromide 70° X X X X Ethylene Chloride 70° X X X X Ethylene Dibromide 70° X X X X Ethylene Dichloride 70° X X X X Ethylene Dichloride 70° X X X X Ethylene Glycol 70° A A A A F 70° A A A B Ferric Bromide 70° A A A A Ferric Chloride 70° A A A A	Ethyl Propyl Ether	70°	I	Χ	I	I
Ethylene Chloride 70° X X X X Ethylene Dibromide 70° X X X X Ethylene Dichloride 70° X X X X Ethylene Glycol 70° A A A A F	Ethyl Propyl Ketone	70°	Χ	Χ	Χ	ı
Ethylene Dibromide 70° X X X X Ethylene Dichloride 70° X X X X X Ethylene Glycol 70° A A A A Ferric Bromide 70° A A A B Ferric Chloride 70° A A A A	Ethylene Bromide	70°	Χ	Χ	Χ	Χ
Ethylene Dichloride 70° X X X X Ethylene Glycol 70° A A A A F 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Ethylene Chloride	70°	Χ	Χ	Χ	Χ
Ethylene Glycol 70° A A A F	Ethylene Dibromide	70°	Χ	Χ	Χ	Χ
F I I I Ferric Bromide 70° A A A B Ferric Chloride 70° A A A A	Ethylene Dichloride	70°	Χ	Χ	Χ	Χ
Ferric Bromide 70° A A A B Ferric Chloride 70° A A A A	Ethylene Glycol	70°	Α	Α	Α	Α
Ferric Chloride 70° A A A	F					
	Ferric Bromide	70°	Α	Α	Α	В
Ferric Sulfate 70° A A A	Ferric Chloride	70°	Α	Α	Α	Α
	Ferric Sulfate	70°	Α	Α	Α	Α

Thermonlectic Hees		_	_		
Thermoplastic Hose	I				
 A = May be used for Continuous Service B = May be used for Intermittent Service X = Do not Use I = Insufficient Data 	Temp °F	Spirathane	Flexible PVC	TPE	TPR
Ferrous Acetate	70°	Α	Α	Α	ı
Ferrous Chloride	70°	Α	Α	Α	В
Ferrous Hydroxide	70°	I	Α	Α	I
Ferrous Sulfate	70°	Α	Α	Α	Α
Fluorine	70°	Χ	Χ	Χ	Χ
Fluosilicic Acid	70°	Α	Α	Α	В
Formaldehyde	70°	Χ	Χ	В	Α
Formalin	70°	ı	ı	Α	Α
Formic Acid (less than 50%)	70°	В	В	Α	Α
Formic Acid (more than 50%)	70°	В	Χ	Χ	В
Freon 12	70°	В	В	В	Χ
Freon 22	70°	Χ	Χ	Χ	Χ
Fuel A (ASTM)	70°	Α	В	В	I
Fuel B (ASTM)	70°	Α	В	Χ	Χ
Fuel Oil	70°	Α	В	В	Χ
Furfural	70°	Χ	Χ	Χ	Χ
G					
Gasoline	70°	Χ	Χ	Χ	Χ
Glacial Acetic Acid	70°	Χ	В	ı	I
Glycerin	70°	Α	Α	Α	В
Grease	70°	Α	Α	Α	В
Н					
Heptane	70°	Α	Α	Χ	Χ
Hexane	70°	Α	Α	В	Χ
Hexanol	70°	В	Α	В	В
Hexyl Methyl Ketone	70°	ı	Χ	ı	ı
Hexylene Glycol	70°	I	В	ı	I
Hexyly-Alcohol	70°	ı	Α	ı	ı
Hydrobromic Acid	70°	Α	Α	В	В
Hydrochloric Acid	70°	Α	В	Α	Α
Hydrofluoric Acid	70°	Α	В	Α	В
Hydrofluosilicic Acid	70°	В	В	Ι	ı
Hydrogen Dioxide 10%	70°	ı	Α	Α	ı
Hydrogen Dioxide over 10%	70°	ı	Α	Α	ı





APPENDIX-CHEMICAL CHARTS

SPIRAFLEX HOSE CHEMICAL RESISTANCE GUIDE

X = Do not Use Temp 'F 50 6 70° X	SPIRAFLEX	HU.) [J	76
Continuous Service B = May be used for Intermittent Service X = Do not Use I = Insufficient Data Hydrogen Gas Hydrogen Peroxide 10% To° A A A A B Hydrogen Peroxide over 10% To° A A A A B Hydrogen Peroxide over 10% I A I I Iodine To° I A I I Iron Acetate To° I A A I Iron Sulfate Tron Sulfate Tron Sulfide Tron Sulfide Tron Sulfide Tron Sulfide Tron Sulfate Tron Tron I A I I Isoamyl Acetate Tron Tron I A I I Isoamyl Bromide Tron Tron Tron I A I I Isoamyl Bromide Tron Tron Tron I A I I Isoamyl Bromide Tron Tron Tron I A I I Isoamyl Bromide Tron Tron Tron I A I I Isoamyl Bromide Tron Tron Tron I A I I Isoamyl Bromide Tron Tron Tron I A I I Isoamyl Bromide Tron Tron Tron I A I I Isoamyl Bromide Tron I A I I Isoamyl Acetate Tron Tron I A I I I I Isoamyl Acetate Tron I A I I I I Isoamyl Acetate Tron I A I I I I I I I I I I I I I I I I I I	Thermoplastic Hose					
Hydrogen Peroxide 10%	Continuous Service B = May be used for Intermittent Service X = Do not Use		Spirathane	Flexible PVC	TPE	TPR
Hydrogen Peroxide over 10% 70° A A A B	Hydrogen Gas	70°	Χ	Χ	Χ	В
I	Hydrogen Peroxide 10%	70°	Α	Α	Α	В
Iodine	Hydrogen Peroxide over 10%	70°	Α	Α	Α	В
Iron Acetate	1					
Iron Hydroxide	lodine	70°	Χ	Χ	Χ	Х
Iron Salts	Iron Acetate	70°	I	Α	I	ı
Iron Sulfate	Iron Hydroxide	70°	I	Α	Α	I
Iron Sulfide	Iron Salts	70°	ı	Α	Α	В
Isoamyl Acetate	Iron Sulfate	70°	I	Α	Α	Α
Isoamyl Alcohol 70° 1	Iron Sulfide	70°	I	Α	I	I
Isoamyl Bromide	Isoamyl Acetate	70°	I	Х	I	I
Isoamyl Butyrate	Isoamyl Alcohol	70°	I	Α	I	I
Isoamyl Chloride	Isoamyl Bromide	70°	Χ	Х	Χ	ı
Isoamyl Ether	Isoamyl Butyrate	70°	I	Χ	I	I
Isoamyl Phthalate	Isoamyl Chloride	70°	I	Х	I	I
Isobutanol	Isoamyl Ether	70°	I	Χ	I	I
Isobutyl Acetate	Isoamyl Phthalate	70°	Ι	Х	I	I
Isobutyl Alcohol	Isobutanol	70°	I	Α	I	Α
Isooctane	Isobutyl Acetate	70°	I	Х	I	I
Isopentane	Isobutyl Alcohol	70°	I	Α	I	Α
Isopropanol 70° 1	Isooctane	70°	ı	В	Χ	I
Isopropyl Acetate	Isopentane		I	В	I	I
Isopropyl Alcohol	Isopropanol	70°	ı	Α	I	Α
Isopropyl Benzene	Isopropyl Acetate	70°	Χ	Х	Χ	I
Sopropyl Chloride	Isopropyl Alcohol	70°	Α	Α	В	В
J Jet Fuels K Kerosene 70° X B X X Ketones 70° X X X X	Isopropyl Benzene	70°	I	Χ	I	Χ
Jet Fuels X X X X X K X X X X Kerosene 70° X B X X Ketones 70° X X X	Isopropyl Chloride		I	Χ	I	I
K 70° X B X X Kerosene 70° X X X X X Ketones 70° X X X X	J					
Kerosene 70° X B X X Ketones 70° X X X X	Jet Fuels		Χ	Х	Χ	Х
Ketones 70° X X X X X X	K					
L	Kerosene	70°	Χ	В	Χ	Х
_	Ketones	70°	Х	Х	Χ	Х
Lead Acetate 70° A A A B	L					
	Lead Acetate	70°	Α	Α	Α	В

Thermoplastic Hose					
 A = May be used for Continuous Service B = May be used for Intermittent Service X = Do not Use I = Insufficient Data 	Temp °F	Spirathane	Flexible PVC	TPE	TPR
Lead Sulfate	70°	ı	Χ	ı	ı
Linseed Oil	70°	Α	Α	Α	Χ
Lubricating Oils	70°	Α	В	В	I
M					
MIBK	70°	I	Χ	ı	Χ
M.E.K.	70°	Χ	Χ	В	Χ
Magnesium Acetate	70°	I	Α	ı	I
Magnesium Chloride	70°	Α	Α	Α	Α
Magnesium Hydrate	70°	I	Α	Α	В
Magnesium Hydroxide	70°	Α	Α	Α	Α
Magnesium Sulfate	70°	Α	Α	Α	Α
Malic Acid	70°	В	Α	В	В
Manganese Sulfate	70°	I	Α	I	I
Manganese Sulfide	70°	I	Α	ı	I
Manganese Sulfite	70°	I	Α	I	I
Methanol	70°	Α	Α	Α	Α
Methallyl Alcohol	70°	I	Α	I	I
Methyl (Wood) Alcohol	70°	В	В	Α	Α
Methyl Acetate	70°	Χ	Χ	Х	Χ
Methyl Acetoacetate	70°	I	Χ	ı	ı
Methyl Acetone	70°	I	Χ	ı	Χ
Methyl Amyl Acetate	70°	Χ	Χ	Х	Χ
Methyl Amyl Alcohol	70°	I	Α	ı	ı
Methyl Amyl Ketone	70°	I	Χ	Α	ı
Methyl Benzene	70°	ı	Χ	ı	Χ
Methyl Butanol	70°	I	В	ı	Χ
Methyl Butyl Ketone	70°	I	Χ	ı	ı
Methyl Cellosolve	70°	I	В	I	I
Methyl Chloride		Χ	Χ	Х	Χ
Methyl Ethyl Ketone	70°	Χ	Χ	В	ı
Methyl Hexyl Ketone	70°	ı	Х	Α	ı
Methyl Isobutyl Ketone	70°	I	Χ	ı	Χ
Methyl Isopropyl Ketone	70°	ı	Х	ı	ı
Methyl Normal Amyl Ketone	70°	ı	Х	ı	ı



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Air &
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General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food <u>Transfer</u> Washdown

Hydraulic

Marine

Material Handling

Abrasives

Bulk Transfer

Cement & Concrete

Mining

Petroleum

Aircraft Fueling

Dispensing

Dock

Transfer

Spray

Steam

Vacuum

Water
Discharge
Suction &
Discharge
Washdown

Welding

Coupling Systems

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APPENDIX-CHEMICAL CHARTS

SPIRAFLEX HOSE CHEMICAL RESISTANCE GUIDE

The war and actical lease						
Thermoplastic Hose	ı					
 A = May be used for Continuous Service B = May be used for Intermittent Service X = Do not Use I = Insufficient Data 	Temp °F	Spirathane	Flexible PVC	TPE	TPR	
Methylallyl Chloride	70°	Χ	Χ	Χ	Χ	
Methyl Propyl Ether	70°	I	I	Α	I	
Methyl Propyl Ketone	70°	I	Χ	I	1	
Methylallyl Acetate	70°	I	Χ	I	I	
Methylene Bromide	70°	Χ	Χ	Χ	1	
Methylene Chloride		Χ	Χ	Χ	Χ	
Mineral Spirits	70°	ı	В	ı	1	
Monochlorobenzene	70°	Χ	Χ	Χ	Χ	
Monochlorodibluoromethane	70°	I	Χ	I	1	
Muriatic-Acid	70°	I	В	Α	В	
N						
Naphtha	70°	В	В	В	Χ	
Naphthalene	70°	В	Χ	В	Χ	
Natural Gas	No hos		ecomi servi		ed	
Nickel Chloride	70°	Α	Α	Α	В	
Nickel Nitrate	70°	Α	Α	Α	В	
Nickel Sulfate	70°	Α	Α	Α	Α	
Nitric Acid 10%	70°	Α	Α	Α	В	
Nitric Acid 20%	70°	Α	В	Α	В	
Nitric Acid 30%	70°	В	В	Α	В	
Nitric Acid 30-70%	70°	Χ	Χ	Χ	Χ	
Nitro Benzene	70°	Χ	Χ	Χ	Χ	
Nitrogen Gas	70°	Α	Α	Α	Α	
Nitrous Oxide	70°	Α	Α	Α	В	
0						
Octanol	70°	I	Α	Ι	В	
Octyl Acetate	70°	I	Χ	I	Ι	
Oil Petroleum	70°	Α	В	Α	I	
Oleic Acid	70°	В	В	В	В	
Oleum	70°	Χ	Χ	Χ	X	
Orthodichlorobenzene	70°	I	Χ	I	I	
Orthodichlorobenzol	70°	I	Х	I	ı	
Oxalic Acid	70°	Α	Α	Α	Α	
Oxygen	No hose is recommended for this service					

TOAL NESISTAN		_			
Thermoplastic Hose					
 A = May be used for Continuous Service B = May be used for Intermittent Service X = Do not Use I = Insufficient Data 	Temp °F	Spirathane	Flexible PVC	TPE	TPR
Ozone	70°	В	В	В	В
P					
Palmitic Acid	70°	В	В	В	b
Papermakers Alum	70°	ı	Α	I	١
Paradichlorobenzol	70°	I	Χ	ı	I
Paraffin	70°	В	Α	В	ı
Pentachloroethane	70°	I	I	Χ	I
Pentane	70°	В	В	ı	Χ
Pentanol	70°	I	Α	I	I
Perchloroethylene	70°	Χ	Χ	Х	Χ
Petroleum Ether (Ligroin)	70°	Α	В	I	Χ
Petroleum - Crude	70°	Α	В	Х	Χ
Petroleum Oils	70°	Α	В	Χ	Χ
Phenol	70°	Χ	Χ	Χ	Χ
Phenolsulfonic Acid	70°	I	Χ	ı	١
Phenyl Chloride	70°	I	ı	Χ	Χ
Phosphoric Acid 10%	70°	Α	Α	Α	Α
Phosphoric Acid 10%-85%	70°	В	В	Α	В
Polyethylene Glycol	70°	В	В	Α	В
Polypropylene Glycol	70°	В	В	Α	В
Potassium Acetate	70°	I	Α	Α	В
Potassium Bisulfate	70°	Α	Α	Α	В
Potassium Bisulfite	70°	Α	Α	Α	В
Potassium Carbonate	70°	Α	Α	Α	Α
Potassium Chloride	70°	Α	Α	Α	Α
Potassium Chromate	70°	Α	Α	Α	В
Potassium Dichromate	70°	Α	Α	Α	В
Potassium Hydrate	70°	ı	Α	ı	В
Potassium Hydroxide	70°	В	Α	Α	В
Potassium Nitrate	70°	Α	Α	Α	В
Potassium Silicate	70°	I	Α	ı	В
Potassium Sulfate	70°	Α	Α	Α	В
Potassium Sulfide	70°	Α	Α	Α	В
Potassium Sulfite	70°	Α	Α	Α	В





APPENDIX-CHEMICAL CHARTS

SPIRAFLEX HOSE CHEMICAL RESISTANCE GUIDE

SPINAPLLA					<u>''</u>
Thermoplastic Hose					
 A = May be used for Continuous Service B = May be used for Intermittent Service X = Do not Use I = Insufficient Data 	Temp °F	Spirathane	Flexible PVC	TPE	TPR
Propanediol	70°	I	Α	I	В
Propanol	70°	Ι	Α	I	В
Propyl Acetate	70°	I	Χ	I	ı
Propyl Alcohol	70°	Α	Α	В	В
Propyl Chloride		Χ	Χ	Χ	Χ
Propylene Dichloride	70°	Χ	Χ	Χ	Χ
Propylene Glycol	70°	Α	I	Α	Α
S					
Sea Water	70°	Α	Α	Α	Α
Silicate of Soda	70°	I	В	Α	Α
Soda Ash	70°	Α	Α	Α	Α
Soda, Caustic	70°	Α	В	Α	Α
Soda, Lime	70°	I	В	Α	ı
Soda, Niter	70°	ı	В	I	Α
Sodium Acetate	70°	Α	В	Α	В
Sodium Aluminate	70°	I	Α	Α	В
Sodium Bisulfate	70°	Α	Α	Α	Α
Sodium Bisulfite	70°	I	Α	Α	Α
Sodium Carbonate	70°	Α	Α	Α	Α
Sodium Chloride (brine)	70°	Α	Α	Α	Α
Sodium Chromate	70°	ı	Α	I	I
Sodium Dichromate	70°	Α	Α	Α	В
Sodium Hydrate	70°	ı	Α	I	I
Sodium Hydrochlorite	70°	Α	Α	В	В
Sodium Hydroxide	70°	Α	Α	Α	Α
Sodium Hypochlorite	70°	Α	Α	Α	Α
Sodium Nitrate	70°	Α	Α	Α	Α
Sodium Silicate	70°	Α	Α	Α	Α
Sodium Sulfate	70°	Α	Α	Α	Α
Sodium Sulfide	70°	Α	Α	Α	Α
Sodium Sulfite	70°	Α	Α	Α	Α
Sodium Thiosulfate	70°	Α	Α	Α	Α
Stannic Chloride	70°	Α	Α	Α	В
Stannic Sulfide	70°	I	Α	I	I

Thermoplastic Hose					
 A = May be used for Continuous Service B = May be used for Intermittent Service X = Do not Use I = Insufficient Data 	Temp °F	Spirathane	Flexible PVC	TPE	TPR
Stannous Chloride	70°	I	Α	ı	ı
Stannous Sulfide	70°	I	Α	ı	_
Stearic Acid	70°	Α	Α	Α	Α
Sulfonic Acid	70°	I	В	I	_
Sulfur Dioxide (Liquid)	70°	Χ	Χ	Χ	Χ
Sulfuric Acid (Dry)	70°	Α	Α	Α	Α
Sulfuric Acid 25%	70°	Α	Α	Α	Α
Sulfuric Acid 25-50%	70°	Α	Α	Α	Α
Sulfuric Acid 50-96%	70°	Χ	Χ	В	В
Sulfuric Acid Fuming	70°	Χ	Χ	Χ	Χ
Sulfurous Acid 10%	70°	В	В	В	Α
Sulfurous Acid 10-75%	70°	Χ	Χ	Χ	Χ
T					
Tannic Acid	70°	В	В	В	Α
Tar		I	Χ	ı	ı
Tartaric Acid	70°	Α	Α	Α	Α
Tertiary Butyl Alcohol	70°	В	В	В	ı
Tetrachlorobenzene	70°	I	Χ	ı	ı
Tetrachloroethane	70°	I	Χ	Х	Χ
Tetrachloroethylene	70°	I	Χ	Χ	Χ
Tetraethylene Glycol	70°	I	В	ı	ı
Tetrachloromethane	70°	I	Χ	I	Χ
Tetrachloronaphthalene	70°	ı	Χ	ı	Χ
Tetrahydrofuran	70°	Χ	Χ	Χ	Χ
Tin Chloride	70°	В	В	В	В
Tin Tetrachloride	70°	В	В	В	В
THF	70°	I	Χ	ı	Χ
Toluene	70°	Χ	Χ	Χ	Χ
Toluidine	70°	I	Х	ı	ı
Toluol	70°	Χ	Х	Х	Х
Transmission Oil "A"	70°	Α	В	ı	ı
Tributyl Phosphate	70°	Х	Х	Х	Х
Trichlorobenzene	70°	Х	Х	Х	Х
Trichloroethane	70°	ı	Χ	Х	Х



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Washdown

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Spray

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Water Discharge Suction & Discharge Washdown

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Appendix Additional Products **Chemical Charts** General Information Minimum Run Requirements

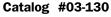


APPENDIX-CHEMICAL CHARTS

SPIRAFLEX HOSE CHEMICAL RESISTANCE GUIDE

Thermoplastic Hose					
 A = May be used for Continuous Service B = May be used for Intermittent Service X = Do not Use I = Insufficient Data 	Temp °F	Spirathane	Flexible PVC	TPE	TPR
Trichloroethylene	70°	Χ	Χ	Χ	Χ
Trichloropropane	70°	I	I	Χ	Χ
Triethanolamine	70°	В	В	В	I
Triethylene Glycol	70°	I	В	I	В
Triphenyl Phosphate	70°	В	Χ	I	I
Trisodium Phosphate	70°	В	В	Α	Α
Turpentine	70°	В	В	Α	Χ
U					
Urea	70°	Α	Α	Α	Α
Undecanol	70°	I	Α	I	I
V					
V.M. & P. Naptha	70°	I	В	I	I
Vinyl Acetate	70°	I	Χ	I	Χ
Vinyl Benzene	70°	I	Χ	I	Χ
Vinyl Chloride		Χ	Χ	Χ	Χ
W					
Water	70°	Α	Α	Α	Α
Wood Alcohol	70°	В	В	В	Α
X					
Xylene (Xylol)	70°	Χ	Χ	Χ	Χ
Xylidine	70°	I	Χ	I	I
Z					
Zinc Carbonate	70°	I	Α	Α	В
Zinc Chloride	70°	Α	Α	Α	В
Zinc Chromate	70°	Α	Α	Α	I
Zinc Sulfate	70°	Α	Α	Α	В







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