

RESISTANCE RATING		
A	Good Resistance:	Usually suitable for service.
B	Fair Resistance:	Chemical has some deteriorative effects, but the elastomer is still adequate for moderate service.
C	Depends on Condition:	Moderate service may be possible if chemical exposure is limited or infrequent.
D	Not Recommended:	Unsuitable for service.

	Natural Rubber	SBR	Butyl	Nitrile	Neoprene	Hypalon®	EPDM	FKM / Viton®	X-Linked Polyethylene	Modified X-Link	UHMWPE	FEP / Teflon®
Freon 13	A	A	A	A	A	A	A	A	A	-	A	-
Freon 21	D	D	D	B	D	D	D	A	-	A	-	-
Freon 22	D	D	A	D	A	D	A	D	A	D	A	A
Freon 31	B	B	A	D	A	B	A	D	A	-	A	-
Freon 32	A	A	A	A	A	A	A	C	A	-	A	-
Freon 112	D	D	D	B	B	B	D	A	A	-	A	-
Freon 113	C	B	D	A	A	A	D	B	A	-	A	-
Freon 114	A	A	A	A	A	A	A	B	A	-	A	-
Freon 115	A	A	A	A	A	A	A	B	A	-	A	-
Freon 142b	A	A	A	A	A	A	A	D	A	-	A	-
Freon 152a	A	A	A	A	A	C	A	D	A	-	A	-
Freon 218	A	A	A	A	A	A	A	A	A	-	A	-
Freon C316	A	A	A	A	A	A	A	A	A	-	A	-
Freon C318	A	A	A	A	A	A	A	A	A	-	A	-
Freon 13B1	A	A	A	A	A	A	A	A	A	-	A	-
Freon 114B2	D	C	D	B	A	A	D	B	A	-	A	-
Freon 502	A	A	A	B	A	A	A	B	A	-	A	-
Freon TF	C	B	A	A	A	A	A	A	A	-	A	-
Freon T-WD 602	C	B	A	A	B	B	B	A	A	-	A	-
Freon TMC	B	C	B	B	B	B	B	A	A	-	A	-
Freon T-P35	A	A	A	A	A	A	A	A	A	-	A	-
Freon TA	A	A	A	A	A	A	A	C	A	-	A	-
Freon TC	D	B	A	A	A	A	B	A	A	-	A	-
Freon MF	D	B	D	A	C	B	D	A	A	-	A	-
Freon BF	D	D	D	B	B	B	D	A	A	-	A	-
Fuel Oil	D	D	D	A	A	B	D	A	A	B	B	A
Fuel, ASTM A	D	D	D	A	-	C	D	A	A	-	-	A
Fuel, ASTM B	D	D	D	A	-	C	D	A	A	-	-	A
Fuel, ASTM C	D	D	D	B	C	D	D	A	B	-	-	A
Fumaric Acid	A	A	D	A	B	B	D	A	A	A	A	A
Furan	D	D	C	D	D	D	C	D	A	A	A	A
Furfural	D	C	A	D	C	B	C	D	A	A	A	A
Furfuryl Alcohol	D	D	C	D	C	C	C	D	A	A	A	A
Gallic Acid	A	A	B	B	B	B	B	B	A	A	A	A
Gasoline, Reg	D	D	D	A	A	C	D	A	A	B	A	A
Gasoline, Hi-Test	D	D	D	A	D	D	D	A	A	B	B	A
Gasoline, Lead Free	D	D	D	A	D	D	D	A	A	B	B	A
Gelatin	A	A	A	A	A	A	A	A	A	A	A	A
Gluconic Acid	D	D	C	C	C	B	C	A	A	A	A	A
Glucose	A	A	A	A	A	A	A	A	A	A	A	A
Glue	B	B	B	A	A	A	A	C	A	A	A	A
Glycerine (Glycerol)	A	A	A	A	A	A	A	A	A	A	A	A
Glycois	A	A	A	A	A	A	A	A	A	A	A	A
Grease	D	D	D	A	B	C	D	A	A	A	A	A
Green Sulfate Liquor	-	-	A	-	-	-	A	-	-	A	A	A

	Natural Rubber	SBR	Butyl	Nitrile	Neoprene	Hypalon®	EPDM	FKM / Viton®	X-Linked Polyethylene	Modified X-Link	UHMWPE	FEP / Teflon®
Halowax oil	D	D	D	D	D	D	D	A	A	A	A	A
Heptachlor in Petroleum Solvents	D	D	D	B	B	D	D	A	A	B	A	A
Heptachlor in Petroleum Solvents, Water Spray	D	D	D	B	B	D	D	A	A	-	A	-
Heptanal (Heptaldehyde)	D	D	D	D	D	D	B	D	A	-	A	A
Heptane	D	D	D	A	A	B	D	A	A	B	A	A
Heptane Carboxylic Acid	D	D	C	C	B	B	C	A	A	A	A	A
Hexaldehyde	D	D	B	D	B	C	B	D	A	B	A	A
Hexane	D	D	D	A	A	C	D	A	A	B	A	A
Hexene	D	D	D	B	B	C	D	A	A	-	A	A
Hexanol (Hexyl Alcohol)	A	A	A	A	A	A	A	A	A	A	A	A
Hexylamine	TITAN HOSE NOT AVAILABLE											
Hexylene	D	D	D	A	B	D	C	A	B	-	B	A
Hexylene Glycol	A	A	A	A	A	A	A	A	A	A	A	A
Hexyl Methyl Ketone	D	D	B	D	D	D	B	D	A	A	A	A
Hi-Tri (Trichloroethylene)	D	D	D	C	D	D	D	A	B	B	B	A
Hydraulic Fluid (Petroleum)	D	D	D	A	B	B	D	A	A	A	A	A
Hydraulic Fluid (Phosphate Ester Base)	D	D	A	D	D	D	A	D	A	A	A	A
Hydraulic Fluid (Poly Alkylene Glycol Base)	B	B	A	A	A	A	A	A	A	-	A	-
Hydrobromic Acid	C	D	A	C	C	A	A	A	A	A	A	A
Hydrochloric Acid, 5%	B	B	B	D	D	A	A	A	A	A	A	A
Hydrochloric Acid, 15%	B	B	B	D	D	A	A	A	A	A	A	A
Hydrochloric Acid, 37%	-	-	-	-	C	A	A	A	A	A	A	A
Hydrocyanic Acid	B	B	C	B	C	A	C	A	A	A	A	A
Hydrofluoric Acid	D	D	C	D	D	A	C	A	A	A	B	A
Hydrofluosilic Acid	A	B	A	B	B	A	A	A	A	A	A	A
Hydrogen Gas	-	-	-	-	-	-	-	-	-	-	-	-
Hydrogen Peroxide, 3%	D	D	C	C	C	C	A	A	A	A	A	A
Hydrogen Peroxide, 10%	D	D	C	D	C	C	A	A	A	A	A	A
Hydrogen Peroxide, 30%	D	D	D	D	D	D	C	A	A	A	A	A
Hydrogen Peroxide, 90%	D	D	D	D	D	D	C	B	B	-	B	A
Hydrogen Sulfide	-	-	-	-	-	-	-	-	-	-	-	-
Hydroquinone	B	B	B	D	D	C	B	D	A	A	A	A
Hypochlorous Acid	B	B	B	D	B	A	B	A	A	-	A	-
Ink Oil (Linseed Oil Base)	D	D	B	B	B	B	B	A	A	B	A	A
Insulating Oil	D	D	D	A	B	D	D	A	A	A	A	A
Iodine	D	D	D	D	D	C	D	C	A	A	A	A
Iron Acetate	D	D	A	D	D	D	B	D	A	A	A	A
Iron Hydroxide	C	C	A	B	A	B	B	C	A	A	A	A
Iron Salts	A	A	A	A	A	A	A	A	A	A	A	A
Iron Sulfate	A	A	A	A	A	A	A	A	A	A	A	A
Iron Sulfide	A	A	A	A	A	A	A	A	A	A	A	A
Isomyl Acetate	D	D	A	D	D	D	B	D	A	B	A	A

These charts are offered as a guideline only. If there is any question about the resistance of a listed elastomer, please



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