

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®
Chloropropanone	D	D	C	D	D	D	C	D	-	-	-	A
Chlorosulfonic Acid	D	D	D	C	C	D	D	D	B	-	D	-
Chlorothene	D	D	D	D	D	D	D	A	B	A	B	A
Chlorotoluene	D	D	D	D	D	D	D	A	-	-	-	A
Chromic Acid	D	D	C	D	D	A	C	C	B	-	C	A
Citric Acid	A	A	A	B	A	A	A	A	A	A	A	A
Coal Oil	D	D	D	A	B	D	D	A	A	-	A	-
Coal Tar	D	D	D	A	B	B	B	A	A	-	A	A
Coal Tar Naptha	D	D	D	C	C	D	D	A	-	-	-	A
Cobalt Chloride	A	A	A	A	A	A	A	A	A	-	A	-
Coconut Oil	D	D	B	A	B	B	A	A	A	-	A	A
Cod Liver Oil	D	D	A	A	B	B	A	A	A	A	A	A
Coke Oven Gas	C	C	C	C	C	A	D	D	C	A	D	A
Copper Arsenate	A	A	A	A	A	A	A	A	A	A	A	A
Copper Chloride	C	A	A	A	B	B	A	A	A	A	A	A
Copper Cyanide	A	A	A	A	A	A	A	A	A	A	A	A
Copper Nitrate	A	A	A	A	A	A	A	A	A	A	A	A
Copper Nitrite	A	A	A	A	A	A	A	A	A	A	A	A
Copper Sulfate	C	A	B	A	A	A	A	A	A	A	A	A
Copper Sulfide	C	A	A	A	A	A	A	A	A	-	A	A
Corn Oil	D	C	A	A	B	B	C	A	A	A	A	A
Cottonseed Oil	D	C	A	A	B	B	C	A	A	A	A	A
Creosote (Coal Tar)	D	D	D	A	B	C	D	B	-	-	-	A
Creosote (Wood)	D	D	D	A	B	C	D	A	-	-	A	A
Creosols	C	D	C	C	D	B	D	A	-	-	-	A
Cresylic Acid	D	D	D	C	C	C	D	A	A	-	A	A
Crude Oil	D	D	D	A	C	D	D	A	-	-	-	A
Cumene	D	D	D	C	C	D	D	A	A	B	A	A
Cupric Carbonate	C	C	A	B	B	B	A	A	A	A	A	A
Cupric Chloride	C	C	A	A	B	A	A	A	A	A	A	A
Cupric Nitrate	C	C	A	A	B	A	A	A	A	A	A	A
Cupric Nitrite	C	C	A	A	B	A	A	A	A	A	A	A
Cupric Sulfate	C	B	A	A	B	B	A	A	A	A	A	A
Cyclohexane	D	D	D	B	D	D	D	A	-	-	-	A
Cyclohexanone	D	D	D	D	D	D	D	C	-	-	-	A
Cyclohexanol	D	D	D	B	B	D	D	B	A	B	A	A
Cyclopentane	D	D	D	C	D	D	D	A	A	B	A	A
P-Cymene	D	D	D	C	D	D	D	A	A	B	A	A
DDT in Kerosene	D	D	D	A	B	C	D	A	A	B	A	A
Decaline	D	D	D	D	D	D	D	A	A	D	A	A
Decane	D	D	D	B	D	D	D	A	A		A	
Detergent Solutions	B	B	A	A	B	A	A	A	A	B	A	A
Diacetone Alcohol	D	D	A	D	B	B	B	D	A	A	A	A
Diamylamine	TITAN HOSE NOT AVAILABLE											
Dibenzyl Ether	D	D	B	D	D	D	D	C	A	A	A	A

	Natural Rubber	SBR	Butyl	Nitrile	Neoprene	Hypalon®	EPDM	FKM / Viton®	X-Linked Polyethylene	Modified X-Link	UHMWPE	FEP / Teflon®
Dibenzylsebacate	C	D	B	D	D	D	D	B	B	A	A	A
Dibromobenzene	D	D	D	D	D	D	D	A	B	-	B	A
Dibutylamine	TITAN HOSE NOT AVAILABLE											
Dibutyl Ether	D	D	D	D	D	D	D	B	C	A	A	A
Dibutyl Phthalate	D	D	B	D	D	D	D	A	D	A	A	A
Dibutyl Sebacate	D	D	B	D	D	D	D	B	B	B	A	B
Dicalcium Phosphate	A	A	A	A	A	A	A	A	A	A	A	A
Dichloroacetic Acid	D	D	C	D	D	D	C	C	A	-	A	A
P-Dichlorobenzene	D	D	D	D	D	D	D	A	D	B	D	A
Dichlorobutane	D	D	D	D	D	D	D	A	A	-	A	A
Dichloroisopropyl Ether	D	D	C	D	D	D	C	C	A	-	A	-
Dicyclohexylamine	TITAN HOSE NOT AVAILABLE											
Dichlorodifluoromethane (Freon 12)	D	D	D	A	B	D	D	A	A	D	A	A
Dichloroethane	D	D	C	D	D	D	D	A	A	A	C	A
Dichloroethylene	D	D	D	D	D	D	D	A	C	D	C	A
Dichloroethyl Ether	D	D	D	D	D	D	D	C	A	B	A	A
Dichlorohexane	D	D	D	D	D	D	D	A	A	A	A	A
Dichloromethane	D	D	D	D	D	D	D	A	A	A	A	A
Dichloropentane	D	D	D	D	D	D	D	A	A	B	A	A
Dieldrin in Xylene	D	D	D	D	D	D	D	A	A	-	A	-
Dieldrin in Xylene & Water Spray	D	D	D	B	B	D	D	A	A	-	A	-
Diesel Oil	D	D	D	A	D	B	D	A	B	B	B	A
Diethanolamine	C	D	A	B	-	D	A	D	A	A	A	A
Diethylamine	B	B	B	C	B	D	B	D	A	-	A	A
Diethyl Benzene	D	D	D	D	D	D	D	A	A	B	A	A
Diethyl Ether	D	D	D	B	C	D	D	D	A	-	A	-
Diethylene Dioxide	D	D	B	D	D	D	B	D	A	A	A	A
Diethylenetriamine	TITAN HOSE NOT AVAILABLE											
Diethyl Oxalate	C	D	C	D	D	D	A	C	A	B	A	A
Diethyl Phthalate	D	D	A	D	D	D	C	C	A	B	A	A
Diethyl Sebacate	D	D	A	D	D	D	C	B	A	B	A	A
Diethyl Sulfate	D	D	B	D	D	D	A	A	-	A	A	A
Diethyl Triamine	B	C	A	B	B	C	B	C	A	A	A	A
Dihydroxyethyl Amine	TITAN HOSE NOT AVAILABLE											
Dihydroxyethyl Ether	A	A	A	A	B	A	B	A	A	A	A	A
Diisobutylene	D	D	D	A	B	D	D	A	A	B	A	A
Diisobutyl Ketone	D	D	B	D	D	D	A	D	-	-	A	A
Diisodecyl Adipate	D	D	A	D	D	C	A	C	A	-	A	A
Diisodecyl Phthalate	D	D	A	D	D	C	A	C	A	-	A	A
Diisooctyl Adipate	D	D	A	D	D	D	A	C	A	-	A	A
Diisooctyl Phthalate	D	D	B	D	D	D	B	B	A	-	B	A
Diisopropanol Amine	B	C	A	B	D	C	A	C	A	B	A	A
Diisopropyl Benzene	D	D	D	C	D	D	D	A	A	B	A	A
Diisopropyl Ether	D	D	D	B	D	D	D	B	A	B	A	A
Diisopropyl Ketone	D	D	D	D	D	D	A	D	A	B	C	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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