

CHEMICAL RESISTANCE

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®
Barium Sulfide	A	B	A	A	A	A	A	A	A	A	A	A
Beer	A	A	A	A	B	A	A	A	A	A	A	A
Beet Sugar Liquors	A	A	A	A	B	A	A	A	A	A	A	A
Benzaldehyde	D	D	B	D	D	D	A	D	A	A	A	A
Benzene (Benzol)	D	D	D	D	D	D	A	-	-	-	-	A
Benzene Sulphonic Acid	D	D	D	D	B	B	D	A	A	A	A	A
Benzine Solvent (Ligroin)	D	D	D	A	D	C	D	A	-	-	-	A
Benzoic Acid	D	D	D	D	B	D	D	A	A	A	A	A
Benzoic Aldehyde	D	D	B	D	D	D	A	D	A	A	A	A
Benzotrichloride	-	-	-	-	-	-	-	-	-	-	-	A
Benzoyl Chloride	D	D	D	D	D	D	B	B	B	B	B	A
Benzyl Acetate	D	D	B	D	D	B	B	D	A	B	A	A
Benzyl Alcohol	D	D	B	D	D	B	B	A	-	-	-	A
Benzyl Chloride	D	D	D	D	D	D	D	A	-	-	-	A
Bichromate of Soda (Sodium Dichromate)	B	B	A	A	B	B	A	A	A	-	A	A
Black Sulfate Liquor	A	A	A	A	A	A	A	A	A	A	A	A
Blast Furnace Gas	C	C	C	C	A	C	C	A	A	A	A	A
Bleach Solutions	D	D	B	D	D	C	B	B	B	A	B	A
Borax	A	A	A	A	A	A	A	A	A	A	A	A
Bordeaux Mixture	B	B	A	A	A	A	A	A	A	A	A	A
Brandy	FDA Tube Required											
Brine	A	A	A	A	A	A	A	A	A	A	A	A
Bromine	D	D	D	D	D	C	D	A	B	B	D	A
Bromine Water	D	D	C	C	B	A	C	A	A	-	A	A
Bromobenzene	D	D	D	D	D	D	D	B	C	-	C	A
Bunker Oil	D	D	D	A	B	D	D	A	A	B	A	A
Butanol	A	A	A	A	A	A	A	A	A	A	A	A
Butane	D	D	D	A	B	A	D	A	-	-	-	A
Butter	C	C	A	A	B	A	A	A	-	-	-	-
Butyl Acetate	C	D	B	D	D	D	A	D	-	A	-	A
Butyl Acrylate	D	D	D	D	D	D	D	D	B	-	B	A
Butylamine	B	C	C	C	D	C	C	D	A	A	A	A
Butyl Benzene	D	D	D	D	D	D	D	A	A	-	A	-
Butyl Bromide	D	D	D	D	D	D	D	B	B	-	B	-
Butyl Butyrate	D	D	C	D	D	D	B	C	B	-	B	-
Butyl Carbitol	D	D	A	B	B	B	A	A	A	-	A	-
Butyl Cellosolve	D	D	A	B	B	B	A	D	A	-	A	-
Butyl Chloride	D	D	C	D	D	D	D	A	B	-	B	A
Butyl Ether	D	D	C	B	B	B	C	D	A	A	A	A
Butyl Ethyl Acetaldehyde	D	D	C	D	D	D	D	D	A	-	A	-
Butyl Ethyl Ether	D	D	C	D	D	B	C	C	A	-	A	A
Butyl Oleate	D	D	B	D	D	D	B	A	A	-	A	-
Butyl Phtalate	D	D	C	D	D	D	A	C	-	-	-	-
Butyl Stearate	D	D	C	B	D	D	C	A	A	A	A	A

	Natural Rubber	SBR	Butyl	Nitrile	Neoprene	Hypalon®	EPDM	FKM / Viton®	X-Linked Polyethylene	Modified X-Link	UHMWPE	FEP / Teflon®
Butyraldehyde	C	D	D	D	D	D	D	D	A	B	A	A
Butyric Acid	C	D	C	C	C	B	C	C	A	A	A	A
Butyric Anhydride	C	D	C	C	D	B	C	C	A	-	A	A
Calcium Acetate	C	D	A	D	D	D	A	D	A	A	A	A
Calcium Bisulfate	C	C	B	A	A	A	B	A	A	A	A	A
Calcium Bisulfite	A	A	A	A	A	A	A	A	A	A	A	A
Calcium Carbonate	A	A	A	A	A	A	A	A	A	A	A	A
Calcium Chloride	A	A	A	A	A	A	A	A	A	A	A	A
Calcium Hydroxide	A	A	A	A	A	A	A	A	A	A	A	A
Calcium Hypochlorite	D	D	A	D	D	B	A	A	B	B	A	A
Calcium Nitrate	A	A	A	A	A	A	A	A	A	A	A	A
Calcium Sulfate	A	A	A	A	A	A	A	A	A	A	A	A
Calcium Sulfide	A	A	A	A	A	A	A	A	A	A	A	A
Calcium Sulfite	A	A	A	A	A	A	A	A	A	A	A	A
Caliche Liquor	A	A	A	A	A	A	A	A	A	A	A	A
Cane Sugar Liquors	A	A	A	A	A	A	A	A	A	A	A	A
Carbitol	D	D	A	B	B	B	B	A	A	-	A	-
Carbitol Acetate	D	D	B	D	D	D	B	D	A	-	A	-
Carbolic Acid	C	C	C	C	C	C	A	A	A	A	A	A
Carbon Bisulfide	D	D	D	D	D	D	D	A	-	-	-	A
Carbon Dioxide	A	A	A	A	A	A	A	A	A	A	A	A
Carbon Disulfide	D	D	D	D	D	D	D	A	A	C	C	A
Carbonic Acid	A	A	A	A	A	A	A	A	A	A	A	A
Carbon Monoxide	C	C	C	C	C	B	C	A	A	A	A	A
Carbon Tetrachloride	D	D	D	C	D	D	D	A	-	-	-	A
Carbon Tetrafluoride	D	D	D	C	D	D	D	-	C	-	C	A
Castor Oil	A	A	A	A	A	A	A	A	A	A	A	A
Caustic Potash	A	B	A	A	B	A	A	C	A	A	A	A
Caustic Soda	A	B	A	B	B	B	A	C	A	-	A	-
Cellosolve	B	B	A	D	D	B	A	C	A	A	A	A
Cellulose Acetate	C	D	B	D	C	C	B	D	B	A	B	A
Cellulube	C	D	B	D	D	D	A	C	A	-	A	-
China Wood Oil	D	D	A	A	B	B	A	C	A	A	A	A
Chlorine Dioxide	D	D	D	D	D	C	D	A	B	-	B	-
Chlorine Gas	D	D	D	D	D	D	D	A	-	-	-	A
Chlorine Water Solns	D	D	D	D	D	D	D	C	A	A	B	A
Chloroacetic Acid	D	C	D	C	C	A	A	D	A	A	A	A
Chloroacetone	D	D	B	D	D	B	D	D	A	-	A	-
Chlorobenzene	D	D	D	D	D	D	D	A	B	B	B	A
Chlorobutane	D	D	D	D	D	D	D	A	B	-	B	-
Chlorobutadiene	D	D	D	D	D	D	D	A	B	-	B	-
Chloroform	D	D	D	D	D	D	D	A	B	B	B	A
Chlorinated Hydrocarbons	D	D	D	D	D	D	D	A	-	-	-	A
Chloropentane	D	D	D	D	C	D	D	A	A	-	A	-
Chlorophenol	D	D	D	C	D	D	A	A	B	A	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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