

# CHEMICAL RESISTANCE

## RESISTANCE RATING

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

	Natural Rubber	SBR	Butyl	Nitrile	Neoprene	Hypalon®	EPDM	FKM / Viton®	X-Linked Polyethylene	Modified X-Link	UHMWPE	FEP / Teflon®
Polyethylene Glycol	A	A	A	A	A	A	A	A	A	A	A	A
Polypropylene Glycol	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Bicarbonate	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Bisulfate	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Bisulfite	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Carbonate	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Chloride	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Chromate	D	D	A	D	C	C	B	A	B	B	A	A
Potassium Cyanide	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Dichromate	D	D	A	D	B	C	B	A	A	B	A	A
Potassium Hydrate	A	B	A	B	B	B	A	C	A	A	A	A
Potassium Hydroxide	B	B	A	C	C	A	A	C	A	A	A	A
Potassium Nitrate	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Permanganate	D	D	A	D	D	D	A	A	A	A	A	A
Potassium Silicate	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Sulfate	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Sulfide	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Sulfite	A	A	A	A	A	A	A	A	A	A	A	A
Producer Gas	D	D	D	A	B	B	D	A	A	-	A	-
Propane Gas	USE BUTANE HOSE ONLY											
Propanediol	A	A	A	A	B	A	A	A	A	A	A	A
Propyl Acetate	D	D	B	D	D	D	B	D	A	A	A	A
Propyl Alcohol (Propanol)	A	A	A	A	A	A	A	A	A	A	A	A
Propyl Aldehyde	C	D	B	D	D	D	B	D	A	B	A	A
Propyl Chloride	D	D	C	D	C	D	C	B	B	-	B	A
Propylene Diamine	TITAN HOSE NOT AVAILABLE											
Propylene Dichloride	D	D	D	D	D	D	D	B	B	-	B	A
Propylene Glycol	A	A	A	A	A	A	A	A	A	A	A	A
Pydraul Hydraulic Fluids	D	D	B	D	D	D	B	C	B	A	B	A
Pyranol	D	D	D	C	D	D	D	A	A	-	A	-
Pyridine	D	D	B	D	D	D	B	D	A	B	A	A
Pyroligneous Acid	C	C	B	C	B	B	B	A	A	-	A	-
Pyrrrole	C	B	B	D	D	D	C	C	A	-	A	-
Rape Seed Oil	D	D	A	B	B	B	B	A	B	A	B	A
Red Oil (Crude Oleic Acid)	D	D	B	B	B	B	B	B	A	B	A	A
Richfield A Weed Killer, 100%	D	D	D	D	D	D	D	C	B	A	B	A
Richfield B Weed Killer, 33%	D	D	B	B	B	C	D	C	B	A	B	A
Rosin Oil	D	D	D	A	A	B	D	A	A	-	A	-
Rotenone and Water	A	A	A	A	A	A	A	A	A	-	A	-
Rum	FDA TUBE REQUIRED											
Sal Ammoniac (Ammonium Chloride)	A	A	A	A	A	A	A	A	A	-	A	-
Salicylic Acid	A	B	A	D	D	A	A	A	A	A	A	A
Salt Water (Sea Water)	A	A	A	A	A	A	A	A	A	A	A	A
Sewage	C	C	C	A	B	A	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®
Silicate of Soda (Sodium Silicate)	A	A	A	A	A	A	A	A	A	A	A	A
Silicate Esters	D	D	D	B	A	A	D	A	A	-	A	-
Silicone Greases	A	A	A	A	A	A	A	A	A	B	A	A
Silicone Oils	-	-	A	A	A	A	A	A	A	A	A	A
Silver Nitrate	A	A	A	A	A	A	A	A	A	A	A	A
Skelly Solvent	D	D	D	A	B	C	D	A	A	-	A	-
Skydrol Hydraulic Fluids	D	D	A	D	D	D	A	D	A	A	A	A
Soap Solutions	A	A	A	B	A	A	A	A	A	A	A	A
Soda Ash (sodium Carbonate)	A	A	A	A	A	A	A	A	A	A	A	A
Soda, Caustic (Sodium Hydroxide)	A	B	A	B	A	A	A	D	A	A	A	A
Soda, Lime	A	B	A	B	B	B	A	C	A	A	A	A
Soda Niter (Sodium Nitrate)	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Acetate	D	D	A	D	D	D	B	D	A	A	A	A
Sodium Aluminate	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Bicarbonate	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Bisulfate	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Bisulfite	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Borate	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Carbonate	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Chloride	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Chromate	D	D	A	D	C	C	B	C	B	-	B	A
Sodium Cyanide	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Dichromate	D	D	A	D	C	C	B	C	A	A	A	A
Sodium Fluoride	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Hydroxide	-	B	A	C	C	C	A	C	A	A	A	A
Sodium Hypochlorite	D	D	A	D	D	B	A	A	B	B	C	A
Sodium Metaphosphate	A	A	A	A	C	B	A	A	A	A	A	A
Sodium Nitrate	C	C	A	C	C	A	A	A	A	A	A	A
Sodium Nitrite	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Perborate	C	C	A	C	C	A	A	A	A	A	B	A
Sodium Peroxide	C	C	A	C	C	A	A	A	A	B	C	A
Sodium Phosphate	A	B	A	B	C	A	A	A	A	A	A	A
Sodium Silicate	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Sulfate	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Sulfide	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Sulfite	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Thiosulfate	A	A	A	A	A	A	A	A	A	A	A	A
Soybean Oil	D	C	A	A	B	A	A	A	A	A	A	A
Stannic Chloride	A	A	B	A	A	A	B	A	A	A	A	A
Stannic Sulfide	A	A	A	A	A	A	A	A	A	A	A	A
Stannous Chloride	A	A	A	A	A	A	A	A	A	A	A	A
Stannous Sulfide	A	A	A	A	A	A	A	A	A	A	A	A
Steam, under 300 degrees F	TITAN HOSE NOT AVAILABLE											
Steam, over 300 degrees F	TITAN HOSE NOT AVAILABLE											
Stearic Acid	D	D	B	B	C	C	B	A	A	A	A	A

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