

**Chart Key**

**A= Suitable for use**

**B= Conditional**

**C= Unsuitable in this medium**

**- = Insufficient data**



**Chemical Resistance Chart**

Chemical or Medium	NBR						SBR	NEO	PTFE				
	C6	BAF	220	660 680	880	990 wi	770	300	400	440	445	480	550
Abietic Acid	A	A	A	A	A	A	-	-	A	A	A	A	A
Acetaldehyde	C	C	C	C	C	C	C	C	A	A	A	A	A
Acetamide	A	A	A	A	A	A	C	A	A	A	A	A	A
Acetic Acid (Crude, Glacial, Pure)	B	B	B	B	B	B	B	B	A	A	A	A	A
Acetic Anhydride	A	A	A	A	A	A	A	B	A	A	A	A	A
Acetone	C	C	C	C	C	C	B	B	A	A	A	A	A
Acetonitrile	C	C	C	C	C	C	-	B	A	A	A	A	A
Acetophenone	C	C	C	C	C	C	C	C	A	A	A	A	A
2-Acetylaminofluorene	C	C	C	C	C	C	C	C	A	A	A	A	A
Acetylene	A	A	A	A	A	A	B	A	A	A	A	A	A
Acrolein	B	B	B	B	B	B	C	B	A	A	A	A	A
Acrylamide	C	C	C	C	C	C	C	C	A	A	A	A	A
Acrylic Acid	C	C	C	C	C	C	C	C	A	A	A	A	A
Acrylic Anhydride	-	-	-	-	-	-	-	-	A	A	A	A	A
Acrylonitrile	C	C	C	C	C	C	C	C	A	A	A	A	A
Air	A	A	A	A	A	A	A	A	A	A	A	A	A
Allyl Acetate	C	C	C	C	C	C	C	C	A	A	A	A	A
Allyl Chloride	C	C	C	C	C	C	C	C	A	A	A	A	A
Allyl Methacrylate	C	C	C	C	C	C	C	C	A	A	A	A	A
Aluminum Chloride	A	A	A	A	A	A	A	A	A	A	A	A	A
Aluminum Fluoride	A	A	A	A	A	A	A	A	C	-	-	A	A
Aluminum Hydroxide (Solid)	A	A	A	A	A	A	A	A	A	A	A	A	A
Aluminum Nitrate	B	B	B	B	B	B	B	B	A	A	A	A	A
Aluminum Sulfate	A	A	A	A	A	A	A	A	A	A	A	A	A
Alums	A	A	A	A	A	A	A	A	A	A	A	A	A
4-Aminodiphenyl	C	C	C	C	C	C	C	C	A	A	A	A	A
Ammonia, Gas, 150 F and Below	A	A	A	A	A	A	A	A	A	A	A	A	A
Ammonia, Gas, Above 150 F	C	C	C	C	C	C	C	B	A	A	A	A	A
Ammonia, Liquid, Anhydrous	B	B	B	B	B	B	-	A	A	A	A	A	A
Ammonium Chloride	A	A	A	A	A	A	A	A	A	A	A	A	A
Ammonium Hydroxide	A	A	A	A	A	A	A	A	A	A	A	A	A
Ammonium Nitrate	B	B	B	B	B	B	B	B	A	A	A	A	A
Ammonium Phosphate, Monobasic	A	A	A	A	A	A	A	A	A	A	A	A	A
Ammonium Phosphate, Dibasic	A	A	A	A	A	A	A	A	A	A	A	A	A
Ammonium Phosphate, Tribasic	A	A	A	A	A	A	A	A	A	A	A	A	A
Ammonium Sulfate	A	A	A	A	A	A	A	A	A	A	A	A	A
Amyl Acetate	C	C	C	C	C	C	C	C	A	A	A	A	A
Amyl Alcohol	A	A	A	A	A	A	A	A	A	A	A	A	A
Aniline, Aniline Oil	C	C	C	C	C	C	C	C	A	A	A	A	A
Aniline Dyes	C	C	C	C	C	C	B	B	A	A	A	A	A
o-Anisidine	C	C	C	C	C	C	C	C	A	A	A	A	A
Aqua Regia	C	C	C	C	C	C	C	C	A	A	A	A	A
Aroclors	C	C	C	C	C	C	C	C	A	A	A	A	A
Asphalt	A	A	A	A	A	A	C	B	A	A	A	A	A
Aviation Gasoline	B	B	B	B	B	B	C	B	A	A	A	A	A
Barium Chloride	A	A	A	A	A	A	A	A	A	A	A	A	A
Barium Hydroxide	A	A	A	A	A	A	A	A	A	A	A	A	A
Barium Sulfide	A	A	A	A	A	A	A	A	A	A	A	A	A
Baygon	C	C	C	C	C	C	C	-	A	A	A	A	A
Beer	A	A	A	A	A	A	A	A	A	A	A	A	A
Benzaldehyde	C	C	C	C	C	C	C	C	A	A	A	A	A
Benzene, Benzol	C	C	C	C	C	C	C	C	A	A	A	A	A
Benzidine	C	C	C	C	C	C	C	C	A	A	A	A	A
Benzoic Acid	B	B	B	B	B	B	B	B	A	A	A	A	A
Benzonitrile	C	C	C	C	C	C	-	-	A	A	A	A	A
Benzotrichloride	C	C	C	C	C	C	C	C	A	A	A	A	A
Benzoyl Chloride	C	C	C	C	C	C	-	C	A	A	A	A	A
Benzyl Alcohol	C	C	C	C	C	C	-	B	A	A	A	A	A
Benzyl Chloride	C	C	C	C	C	C	C	C	A	A	A	A	A
Biphenyl	C	C	C	C	C	C	C	C	A	A	A	A	A

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Chemical or Medium	NBR						SBR	NEO	PTFE				
	C6	BAF	220	660 680	880	990 wi	770	300	400	440	445	480	550
Bis(2-chloroethyl)ether	C	C	C	C	C	C	C	C	A	A	A	A	A
Bis(chloromethyl)ether	C	C	C	C	C	C	C	C	A	A	A	A	A
Bis(2-ethylhexyl)phthalate	C	C	C	C	C	C	C	C	A	A	A	A	A
Black Sulfate Liquor	C	C	C	C	C	C	C	C	C	B	B	A	A
Blast Furnace Gas	B	B	B	B	B	B	C	B	A	A	A	A	A
Bleach (Sodium Hypochlorite)	C	C	C	C	C	C	-	C	A	A	A	A	A
Boiler Feed Water	A	A	A	A	A	A	A	A	A	A	A	A	A
Boonesfarm 75	A	A	A	A	A	A	A	A	A	A	A	A	A
Borax	A	A	A	A	A	A	A	A	A	A	A	A	A
Boric Acid	A	A	A	A	A	A	A	A	A	A	A	A	A
Brine (Sodium Chloride)	A	A	A	A	A	A	A	A	A	A	A	A	A
Bromine	C	C	C	C	C	C	C	C	A	A	A	A	A
Bromine Trifluoride	C	C	C	C	C	C	C	C	C	C	C	C	C
Bromoform	C	C	C	C	C	C	C	C	A	A	A	A	A
Bromomethane	C	C	C	C	C	C	C	C	A	A	A	A	A
Butadiene	C	C	C	C	C	C	C	-	A	A	A	A	A
Butane	A	A	A	A	A	A	C	B	A	A	A	A	A
2-Butanone	C	C	C	C	C	C	C	C	A	A	A	A	A
Butyl Acetate	C	C	C	C	C	C	C	C	A	A	A	A	A
Butyl Alcohol, Butanol	A	A	A	A	A	A	A	A	A	A	A	A	A
n-Butyl Amine	B	B	B	B	B	B	-	C	A	A	A	A	A
tert-Butyl Amine	B	B	B	B	B	B	-	C	A	A	A	A	A
Butyl Methacrylate	C	C	C	C	C	C	C	C	A	A	A	A	A
Butyric Acid	A	A	A	A	A	A	A	A	A	A	A	A	A
Calcium Bisulfite	B	B	B	B	B	B	-	B	A	A	A	A	A
Calcium Chloride	A	A	A	A	A	A	A	A	A	A	A	A	A
Calcium Cyanamide	B	B	B	B	B	B	B	B	A	A	A	A	A
Calcium Hydroxide	A	A	A	A	A	A	A	A	A	A	A	A	A
Calcium Hypochlorite	B	B	B	B	B	B	C	C	A	A	A	A	A
Calcium Nitrate	B	B	B	B	B	B	B	B	A	A	A	A	A
Calflo AF	A	A	A	A	A	A	A	C	-	A	A	A	A
Calflo FG	A	A	A	A	A	A	C	-	A	A	A	A	A
Calflo HTF	A	A	A	A	A	A	C	-	A	A	A	A	A
Calflo LT	A	A	A	A	A	A	C	-	A	A	A	A	A
Cane Sugar Liquors	A	A	A	A	A	A	A	A	A	A	A	A	A
Caprolactam	C	C	C	C	C	C	C	C	A	A	A	A	A
Captan	C	C	C	C	C	C	C	C	A	A	A	A	A
Carbaryl	C	C	C	C	C	C	C	C	A	A	A	A	A
Carbolic Acid, Phenol	C	C	C	C	C	C	C	C	A	A	A	A	A
Carbon Dioxide, Dry	A	A	A	A	A	A	A	A	A	A	A	A	A
Carbon Dioxide, Wet	A	A	A	A	A	A	A	A	A	A	A	A	A
Carbon Disulfide	C	C	C	C	C	C	C	C	A	A	A	A	A
Carbon Monoxide	B	B	B	B	B	B	B	B	A	A	A	A	A
Carbon Tetrachloride	C	C	C	C	C	C	C	C	A	A	A	A	A
Carbonic Acid	A	A	A	A	A	A	A	A	A	A	A	A	A
Carbonyl Sulfide	C	C	C	C	C	C	C	C	A	A	A	A	A
Castor Oil	A	A	A	A	A	A	C	B	A	A	A	A	A
Catechol	C	C	C	C	C	C	B	-	A	A	A	A	A
Caustic Soda	C	C	C	C	C	C	C	C	C	B	B	A	A
Caustic Humor	A	A	A	A	A	A	A	A	A	A	A	A	A
Cetane (Hexadecane)	A	A	A	A	A	A	C	B	A	A	A	A	A
China Wood Oil	A	A	A	A	A	A	C	B	A	A	A	A	A
Chloramben	C	C	C	C	C	C	C	C	A	A	A	A	A
Chlorazotic Acid (Aqua Regia)	C	C	C	C	C	C	C	C	A	A	A	A	A
Chlordane	C	C	C	C	C	C	C	C	A	A	A	A	A
Chlorinated Solvents, Dry	C	C	C	C	C	C	C	C	A	A	A	A	A
Chlorinated Solvents, Wet	C	C	C	C	C	C	C	C	A	A	A	A	A
Chlorine, Dry	B	B	B	B	B	B	B	B	A	A	A	A	A
Chlorine, Wet	C	C	C	C	C	C	C	C	A	A	A	A	A
Chlorine Dioxide	C	C	C	C	C	C	C	C	A	A	A	A	A

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	C6	BAF	220	660 680	880	990 wi	770	300	400	440	445	480	550
Chlorine Trifluoride	C	C	C	C	C	C	C	C	C	C	C	C	C
Chloroacetic Acid	C	C	C	C	C	C	B	C	A	A	A	A	A
2-Chloroacetophenone	C	C	C	C	C	C	C	C	A	A	A	A	A
Chloroazotic Acid (Aqua Regia)	C	C	C	C	C	C	C	C	A	A	A	A	A
Chlorobenzene	C	C	C	C	C	C	C	C	A	A	A	A	A
Chlorobenzilate	C	C	C	C	C	C	C	C	A	A	A	A	A
Chloroethane	C	C	C	C	C	C	C	C	A	A	A	A	A
Chloroethylene	C	C	C	C	C	C	C	C	A	A	A	A	A
Chloroform	C	C	C	C	C	C	C	C	A	A	A	A	A
Chloromethyl Methyl Ether	C	C	C	C	C	C	C	C	A	A	A	A	A
Chloronitrous Acid (Aqua Regia)	C	C	C	C	C	C	C	C	A	A	A	A	A
Chloroprene	C	C	C	C	C	C	C	C	A	A	A	A	A
Chlorosulfonic Acid	C	C	C	C	C	C	C	C	A	A	A	A	A
Chrome Plating Solutions	C	C	C	C	C	C	C	C	-	-	-	A	A
Chromic Acid	C	C	C	C	C	C	C	C	A	A	A	A	A
Chromic Anhydride	C	C	C	C	C	C	C	C	A	A	A	A	A
Chromium Trioxide	C	C	C	C	C	C	C	C	A	A	A	A	A
Citric Acid	A	A	A	A	A	A	A	A	A	A	A	A	A
Coke Oven Gas	C	C	C	C	C	C	C	C	A	A	A	A	A
Copper Chloride	A	A	A	A	A	A	A	A	A	A	A	A	A
Copper Sulfate	A	A	A	A	A	A	A	A	A	A	A	A	A
Corn Oil	A	A	A	A	A	A	C	B	A	A	A	A	A
Cotton Seed Oil	A	A	A	A	A	A	C	B	A	A	A	A	A
Creosote	B	B	B	B	B	B	C	B	A	A	A	A	A
Cresols, Cresylic Acid	C	C	C	C	C	C	C	C	A	A	A	A	A
Crotonic Acid	C	C	C	C	C	C	C	C	A	A	A	A	A
Crude Oil	A	A	A	A	A	A	B	B	A	A	A	A	A
Cumene	C	C	C	C	C	C	C	C	A	A	A	A	A
Cyclohexane	A	A	A	A	A	A	C	B	A	A	A	A	A
Cyclohexanone	C	C	C	C	C	C	C	C	A	A	A	A	A
2,4-D, Salts and Esters	C	C	C	C	C	C	C	C	A	A	A	A	A
Detergent Solutions	A	A	A	A	A	A	A	A	B	B	B	A	A
Diazomethane	-	-	-	-	-	-	-	-	A	A	A	A	A
Dibenzofuran	C	C	C	C	C	C	C	C	A	A	A	A	A
Dibenzylether	C	C	C	C	C	C	C	C	A	A	A	A	A
1,2-Dibromo-3-chloropropane	C	C	C	C	C	C	C	C	A	A	A	A	A
Dibromoethane	C	C	C	C	C	C	C	C	A	A	A	A	A
Dibutyl Phthalate	C	C	C	C	C	C	C	C	A	A	A	A	A
Dibutyl Sebacate	C	C	C	C	C	C	C	C	A	A	A	A	A
o-Dichlorobenzene	C	C	C	C	C	C	C	C	A	A	A	A	A
1,4-Dichlorobenzene	C	C	C	C	C	C	C	C	A	A	A	A	A
3,3-Dichlorobenzidene	C	C	C	C	C	C	C	C	A	A	A	A	A
Dichloroethane (1,1 or 1,2)	C	C	C	C	C	C	C	C	A	A	A	A	A
1,1-Dichloroethylene	C	C	C	C	C	C	C	C	A	A	A	A	A
Dichloroethyl Ether	C	C	C	C	C	C	C	C	A	A	A	A	A
Dichloromethane	C	C	C	C	C	C	C	C	A	A	A	A	A
1,2-Dichloropropane	C	C	C	C	C	C	C	C	A	A	A	A	A
1,3-Dichloropropene	C	C	C	C	C	C	C	C	A	A	A	A	A
Dichlorvos	C	C	C	C	C	C	C	C	A	A	A	A	A
Diesel Oil	A	A	A	A	A	A	B	B	A	A	A	A	A
Diethanolamine	B	B	B	B	B	B	B	B	A	A	A	A	A
N,N-Diethylaniline	C	C	C	C	C	C	C	C	A	A	A	A	A
Diethyl Carbonate	C	C	C	C	C	C	-	C	A	A	A	A	A
Diethyl Sulfate	C	C	C	C	C	C	C	-	A	A	A	A	A
3,3-Dimethoxybenzidene	C	C	C	C	C	C	C	-	A	A	A	A	A
Dimethylaminoazobenzene	-	-	-	-	-	-	-	-	A	A	A	A	A
N,N-Dimethyl Aniline	C	C	C	C	C	C	C	C	A	A	A	A	A
3,3-Dimethylbenzidine	C	C	C	C	C	C	C	C	A	A	A	A	A
Dimethyl Carbomoyl Chloride	C	C	C	C	C	C	C	C	A	A	A	A	A
Dimethyl Ether	B	B	B	B	B	B	C	B	A	A	A	A	A



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	C6	BAF	220	660 680	880	990 wi	770	300	400	440	445	480	550
Grain Alcohol10	A	A	A	A	A	A	A	A	A	A	A	A	A
Grease, Petroleum Base	A	A	A	A	A	A	C	-	A	A	A	A	A
Green Sulfate Liquor	C	C	C	C	C	C	C	C	C	B	B	A	A
Heptachlor	C	C	C	C	C	C	C	C	A	A	A	A	A
Heptane	A	A	A	A	A	A	C	B	A	A	A	A	A
Hexachlorobenzene	C	C	C	C	C	C	C	C	A	A	A	A	A
Hexachlorobutadiene	C	C	C	C	C	C	C	C	A	A	A	A	A
Hexachlorocyclopentadiene	C	C	C	C	C	C	C	C	A	A	A	A	A
Hexachloroethane	C	C	C	C	C	C	C	C	A	A	A	A	A
Hexadecane	A	A	A	A	A	A	C	B	A	A	A	A	A
Hexamethylene Diisocyanate	-	-	-	-	-	-	C	-	A	A	A	A	A
Hexamethylphosphoramide	-	-	-	-	-	-	C	-	A	A	A	A	A
Hexane	A	A	A	A	A	A	C	B	A	A	A	A	A
Hexone	C	C	C	C	C	C	C	C	A	A	A	A	A
Hydraulic Oil, Mineral	A	A	A	A	A	A	B	B	A	A	A	A	A
Hydraulic Oil, Synthetic	C	C	C	C	C	C	C	C	A	A	A	A	A
Hydrazine	C	C	C	C	C	C	B	B	A	A	A	A	A
Hydrobromic Acid	C	C	C	C	C	C	C	C	A	A	A	A	A
Hydrochloric Acid	C	C	C	C	C	C	C	C	A	A	A	A	A
Hydrocyanic Acid	A	A	A	A	A	A	B	B	A	A	A	A	A
Hydrofluoric Acid, up to Anhydrous, up to 150 F	C	C	C	C	C	C	C	C	C	C	C	A	A
Hydrofluoric Acid, Less than 65%, Above 150 F	C	C	C	C	C	C	C	C	C	C	C	A	A
Hydrofluoric Acid, 65% to Anhydrous, Above 150 F	C	C	C	C	C	C	C	C	C	C	C	-	A
Hydrofluoric Acid, Anhydrous	C	C	C	C	C	C	C	C	C	C	C	C	A
Hydrofluorosilicic Acid	C	C	C	C	C	C	C	C	C	C	C	A	A
Hydrofluosilicic Acid	C	C	C	C	C	C	C	C	C	C	C	A	A
Hydrogen	A	A	A	A	A	A	A	A	A	A	A	A	A
Hydrogen Bromide	C	C	C	C	C	C	C	C	A	A	A	A	A
Hydrogen Fluoride	C	C	C	C	C	C	C	C	C	C	C	C	A
Hydrogen Peroxide, 10%	B	B	B	B	B	B	B	B	A	A	A	A	A
Hydrogen Peroxide, 10-90%	B	B	B	B	B	B	-	C	A	A	A	A	A
Hydrogen Sulfide, Dry or Wet	B	B	B	B	B	B	B	B	A	A	A	A	A
Hydroquinone	C	C	C	C	C	C	B	C	A	A	A	A	A
Iodine Pentafluoride	C	C	C	C	C	C	C	C	-	-	-	-	-
Iodomethane	C	C	C	C	C	C	C	B	A	A	A	A	A
Isobutane	A	A	A	A	A	A	C	B	A	A	A	A	A
Isooctane	A	A	A	A	A	A	C	B	A	A	A	A	A
Isophorone	C	C	C	C	C	C	C	C	A	A	A	A	A
Isopropyl Alcohol	A	A	A	A	A	A	A	A	A	A	A	A	A
Jet Fuels (JP Types)	A	A	A	A	A	A	C	B	A	A	A	A	A
Kerosene	A	A	A	A	A	A	C	B	A	A	A	A	A
Lacquer Solvents	C	C	C	C	C	C	C	C	A	A	A	A	A
Lacquers	C	C	C	C	C	C	C	C	A	A	A	A	A
Lactic Acid, 150 F and below	A	A	A	A	A	A	A	A	A	A	A	A	A
Lactic Acid, Above 150 F	-	-	-	-	-	-	-	-	A	A	A	A	A
Lime Salt peter (Calcium Nitrates)	B	B	B	B	B	B	B	B	A	A	A	A	A
Lindane	C	C	C	C	C	C	C	C	A	A	A	A	A
Linseed Oil	A	A	A	A	A	A	B	A	A	A	A	A	A
Liquified Petroleum Gas (LPG)	A	A	A	A	A	A	A	B	A	A	A	A	A
Lithium Bromide	A	A	A	A	A	A	-	A	A	A	A	A	A
Lithium, Elemental	C	C	C	C	C	C	C	C	C	C	C	C	C
Lubricating Oils, Mineral or Petroleum Types	A	A	A	A	A	A	B	B	A	A	A	A	A
Lubricating Oils, Refined	A	A	A	A	A	A	B	B	A	A	A	A	A
Lubricating Oils, Sour	B	B	B	B	B	B	B	B	A	A	A	A	A
Lye	C	C	C	C	C	C	C	C	C	B	B	A	A
Magnesium Chloride	A	A	A	A	A	A	A	A	A	A	A	A	A
Magnesium Hydroxide	B	B	B	B	B	B	B	B	A	A	A	A	A
Magnesium Sulfate	A	A	A	A	A	A	A	A	A	A	A	A	A
Maleic Acid	B	B	B	B	B	B	C	B	A	A	A	A	A
Maleic Anhydride	C	C	C	C	C	C	-	C	A	A	A	A	A

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## Chemical Resistance Chart

Chemical or Medium	NBR						SBR	NEO	PTFE				
	C6	BAF	220	660 680	880	990 wi	770	300	400	440	445	480	550
Mercuric Chloride	A	A	A	A	A	A	A	B	A	A	A	A	A
Mercury	A	A	A	A	A	A	A	A	A	A	A	A	A
Methane	A	A	A	A	A	A	C	B	A	A	A	A	A
Methanol, Methyl Alcohol	A	A	A	A	A	A	A	A	A	A	A	A	A
Methoxychlor	C	C	C	C	C	C	C	C	A	A	A	A	A
Methylacrylic Acid	C	C	C	C	C	C	C	C	A	A	A	A	A
Methyl Alcohol	A	A	A	A	A	A	A	A	A	A	A	A	A
2-Methylaziridine	C	C	C	C	C	C	C	C	-	-	-	A	A
Methyl Bromide	C	C	C	C	C	C	C	C	A	A	A	A	A
Methyl Chloride	C	C	C	C	C	C	C	C	A	A	A	A	A
Methyl Chloroform	C	C	C	C	C	C	C	C	A	A	A	A	A
4,4 Methylene Bix(2-chloroaniline)	C	C	C	C	C	C	C	C	A	A	A	A	A
Methylene Chloride	C	C	C	C	C	C	C	C	A	A	A	A	A
4,4-Methylene Dianiline	C	C	C	C	C	C	C	C	A	A	A	A	A
Methylene Diphenyldisocyanate	C	C	C	C	C	C	C	C	A	A	A	A	A
Methyl Ethyl Ketone	C	C	C	C	C	C	C	C	A	A	A	A	A
Methyl Hydrazine	C	C	C	C	C	C	B	B	A	A	A	A	A
Methyl Iodide	C	C	C	C	C	C	C	B	A	A	A	A	A
Methyl Isobutyl Ketone (MIBK)	C	C	C	C	C	C	C	C	A	A	A	A	A
Methyl Isocyanate	-	-	-	-	-	-	C	-	A	A	A	A	A
Methyl Methacrylate	C	C	C	C	C	C	C	C	A	A	A	A	A
N-Methyl-2-Pyrrolidone	C	C	C	C	C	C	B	-	A	A	A	A	A
Methyl Tert. Butyl Ether (MTBE)	B	B	B	B	B	B	B	C	A	A	A	A	A
Milk	A	A	A	A	A	A	A	A	A	A	A	A	A
Mineral Oils	A	A	A	A	A	A	B	B	A	A	A	A	A
Mobiltherm 600	A	A	A	A	A	A	C	-	A	A	A	A	A
Mobiltherm 603	A	A	A	A	A	A	C	-	A	A	A	A	A
Mobiltherm 605	A	A	A	A	A	A	C	-	A	A	A	A	A
Mobiltherm Light	C	C	C	C	C	C	C	C	A	A	A	A	A
Molten Alkali Metals	C	C	C	C	C	C	C	C	C	C	C	C	C
Monomethylamine	C	C	C	C	C	C	B	A	A	A	A	A	A
MultiTherm 100	A	A	A	A	A	A	C	B	A	A	A	A	A
MultiTherm 503	A	A	A	A	A	A	C	-	A	A	A	A	A
MultiTherm IG-2	A	A	A	A	A	A	C	B	A	A	A	A	A
MultiTherm PG-1	A	A	A	A	A	A	C	B	A	A	A	A	A
Muriatic Acid	C	C	C	C	C	C	C	C	A	A	A	A	A
Naphtha	A	A	A	A	A	A	C	B	A	A	A	A	A
Naphthalene	C	C	C	C	C	C	C	C	A	A	A	A	A
Naphthols	-	-	-	-	-	-	-	-	A	A	A	A	A
Natural Gas	A	A	A	A	A	A	B	B	A	A	A	A	A
Nickel Chloride	A	A	A	A	A	A	A	A	A	A	A	A	A
Nickel Sulfate	A	A	A	A	A	A	A	A	A	A	A	A	A
Nitric Acid, Less than 30%	C	C	C	C	C	C	C	C	A	A	A	A	A
Nitric Acid, Above 30%	C	C	C	C	C	C	C	C	A	A	A	A	A
Nitric Acid, Crude	C	C	C	C	C	C	C	C	A	A	A	A	A
Nitric Acid, Red Fuming	C	C	C	C	C	C	C	C	A	A	A	A	A
Nitrobenzene	C	C	C	C	C	C	C	C	A	A	A	A	A
4-Nitrobiphenyl	C	C	C	C	C	C	C	C	A	A	A	A	A
2-Nitro-Butanol	C	C	C	C	C	C	-	C	A	A	A	A	A
Nitrocalcite (Calcium Nitrate)	B	B	B	B	B	B	B	B	A	A	A	A	A
Nitrogen	A	A	A	A	A	A	A	A	A	A	A	A	A
Nitrogen Tetroxide	C	C	C	C	C	C	C	C	A	A	A	A	A
Nitrohydrochloric Acid (Aqua Regia)	C	C	C	C	C	C	C	C	A	A	A	A	A
Nitromethane	C	C	C	C	C	C	-	C	A	A	A	A	A
2-Nitro-2-Methyl Propanol	C	C	C	C	C	C	-	C	A	A	A	A	A
Nitromuriatic Acid (Aqua Regia)	C	C	C	C	C	C	C	C	A	A	A	A	A
4-Nitrophenol	C	C	C	C	C	C	C	C	A	A	A	A	A
2-Nitropropane	C	C	C	C	C	C	-	C	A	A	A	A	A
N-Nitrosodimethylamine	B	B	B	B	B	B	B	-	A	A	A	A	A
N-Nitroso-N-Methylurea	-	-	-	-	-	-	-	-	A	A	A	A	A

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Chemical or Medium	NBR						SBR	NEO	PTFE				
	C6	BAF	220	660 680	880	990 wi	770	300	400	440	445	480	550
N-Nitrosomorpholine	C	C	C	C	C	C	-	C	A	A	A	A	A
Norge Niter (Calcium Nitrate)	B	B	B	B	B	B	B	B	A	A	A	A	A
Norwegian Saltpeter (Calcium Nitrate)	B	B	B	B	B	B	B	B	A	A	A	A	A
N-Octabecyl Alcohol	A	A	A	A	A	A	A	-	A	A	A	A	A
Octane	A	A	A	A	A	A	C	B	A	A	A	A	A
Oil, Petroleum	A	A	A	A	A	A	B	B	A	A	A	A	A
Oils, Animal and Vegetable	A	A	A	A	A	A	C	B	A	A	A	A	A
Oleic Acid	B	B	B	B	B	B	-	C	A	A	A	A	A
Oleum	C	C	C	C	C	C	C	C	A	-	-	C	A
Orthodichlorobenzene	C	C	C	C	C	C	C	C	A	A	A	A	A
Oxalic Acid	C	C	C	C	C	C	-	B	A	A	A	A	A
Oxygen, Gas	C	C	C	C	C	C	C	C	A	A	A	A	A
Ozone	C	C	C	C	C	C	C	C	A	A	A	A	A
Palmitic Acid	A	A	A	A	A	A	B	B	A	A	A	A	A
Paraffin	A	A	A	A	A	A	B	B	A	A	A	A	A
Paratherm HE	A	A	A	A	A	A	C	B	A	A	A	A	A
Paratherm NF	A	A	A	A	A	A	A	-	A	A	A	A	A
Parathion	C	C	C	C	C	C	C	C	A	A	A	A	A
Paraxylene	C	C	C	C	C	C	C	C	A	A	A	A	A
Pentachloronitrobenzene	C	C	C	C	C	C	C	C	A	A	A	A	A
Pentachlorophenol	C	C	C	C	C	C	C	C	A	A	A	A	A
Pentane	A	A	A	A	A	A	C	B	A	A	A	A	A
Perchloric Acid	C	C	C	C	C	C	C	C	A	A	A	A	A
Perchloroethylene	C	C	C	C	C	C	C	C	A	A	A	A	A
Petroleum Oils, Crude	A	A	A	A	A	A	B	B	A	A	A	A	A
Petroleum Oils, Refined	A	A	A	A	A	A	B	B	A	A	A	A	A
Phenol	C	C	C	C	C	C	C	C	A	A	A	A	A
p-Phenylenediamine	C	C	C	C	C	C	C	-	A	A	A	A	A
Phosgene	C	C	C	C	C	C	-	-	A	A	A	A	A
Phosphate Esters	C	C	C	C	C	C	C	C	A	A	A	A	A
Phosphine	-	-	-	-	-	-	-	-	A	A	A	A	A
Phosphoric Acid, Crude	C	C	C	C	C	C	C	C	C	C	C	A	A
Phosphoric Acid, Pure, Less than 45%	C	C	C	C	C	C	C	C	A	A	A	A	A
Phosphoric Acid, Pure, Above 45%, 150 F and below	C	C	C	C	C	C	C	C	B	B	B	A	A
Phosphoric Acid, Pure, Above 45%, Above 150 F	C	C	C	C	C	C	C	-	C	B	B	A	A
Phosphorus, Elemental	C	C	C	C	C	C	C	C	A	A	A	A	A
Phosphorus Pentachloride	C	C	C	C	C	C	C	C	A	A	A	A	A
Phthalic Acid	C	C	C	C	C	C	-	B	A	A	A	A	A
Phthalic Anhydride	C	C	C	C	C	C	-	C	A	A	A	A	A
Picric Acid, Molten	-	-	-	-	-	-	-	-	-	-	-	-	-
Picric Acid, Molten Water Solution	B	B	B	B	B	B	B	B	A	A	A	A	A
Pinene	A	A	A	A	A	A	C	B	A	A	A	A	A
Piperidine	C	C	C	C	C	C	C	C	A	A	A	A	A
Polyacrylonitrile	A	A	A	A	A	A	A	A	A	A	A	A	A
Polychlorinated Biphenyls	C	C	C	C	C	C	C	C	A	A	A	A	A
Potash, Potassium Carbonate	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Acetate	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Bichromate	A	A	A	A	A	A	B	B	A	A	A	A	A
Potassium Chromate, Red	A	A	A	A	A	A	B	B	A	A	A	A	A
Potassium Cyanide	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Dichromate	A	A	A	A	A	A	B	B	A	A	A	A	A
Potassium Elemental	C	C	C	C	C	C	C	C	C	C	C	C	C
Potassium Hydroxide	C	C	C	C	C	C	C	C	C	B	B	A	A
Potassium Nitrate	B	B	B	B	B	B	B	B	A	A	A	A	A
Potassium Permanganate	B	B	B	B	B	B	-	B	A	A	A	A	A
Potassium Sulfate	A	A	A	A	A	A	A	A	A	A	A	A	A
Producer Gas	A	A	A	A	A	A	C	B	A	A	A	A	A
Propane	A	A	A	A	A	A	C	B	A	A	A	A	A
1,3-Propane Sultone	-	-	-	-	-	-	-	-	A	A	A	A	A
Beta-Propiolactone	C	C	C	C	C	C	C	C	A	A	A	A	A



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## Chemical Resistance Chart

Chemical or Medium	NBR						SBR	NEO	PTFE				
	C6	BAF	220	660 680	880	990 wi	770	300	400	440	445	480	550
Sodium Chlorate	C	C	C	C	C	C	-	C	A	A	A	A	A
Sodium Chloride	A	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Cyanide	C	C	C	C	C	C	C	C	C	C	C	A	A
Sodium, Elemental	C	C	C	C	C	C	C	C	C	C	C	C	C
Sodium Hydroxide	C	C	C	C	C	C	C	C	C	B	B	A	A
Sodium Hypochlorite	C	C	C	C	C	C	-	C	A	A	A	A	A
Sodium Metaborate Peroxyhydrate	B	B	B	B	B	B	B	B	A	A	A	A	A
Sodium Metaphosphate	A	A	A	A	A	A	A	A	B	A	A	A	A
Sodium Nitrate	B	B	B	B	B	B	B	B	A	A	A	A	A
Sodium Perborate	B	B	B	B	B	B	B	B	A	A	A	A	A
Sodium Peroxide	C	C	C	C	C	C	C	C	A	A	A	A	A
Sodium Phosphate, Monobasic	A	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Phosphate, Dibasic	A	A	A	A	A	A	A	A	B	B	B	A	A
Sodium Phosphate, Tribasic	A	A	A	A	A	A	A	A	C	B	B	A	A
Sodium Silicate	B	B	B	B	B	B	B	B	B	B	B	A	A
Sodium Sulfate	A	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	A
Sodium Superoxide	C	C	C	C	C	C	C	C	A	A	A	A	A
Sodium Thiosulfate, "hypo"	A	A	A	A	A	A	A	A	A	A	A	A	A
Soybean Oil	A	A	A	A	A	A	C	B	A	A	A	A	A
Stannic Chloride	B	B	B	B	B	B	B	-	A	A	A	A	A
Steam, Saturated to 150 psig	A	A	A	A	A	A	A	A	A	A	A	A	A
Steam, Superheated	-	-	-	-	-	-	C	C	-	-	-	-	-
Stearic Acid	A	A	A	A	A	A	A	A	A	A	A	A	A
Stoddard Solvent	A	A	A	A	A	A	C	B	A	A	A	A	A
Styrene	C	C	C	C	C	C	C	C	A	A	A	A	A
Styrene Oxide	C	C	C	C	C	C	C	C	A	A	A	A	A
Sulfur Chloride	C	C	C	C	C	C	C	C	A	A	A	A	A
Sulfur Dioxide	C	C	C	C	C	C	C	C	A	A	A	A	A
Sulfur, Molten	C	C	C	C	C	C	C	B	A	A	A	A	A
Sulfur Trioxide, Dry	C	C	C	C	C	C	C	C	A	A	A	A	A
Sulfur Trioxide, Wet	C	C	C	C	C	C	C	C	A	A	A	A	A
Sulfuric Acid, 10%, 150 F and below	C	C	C	C	C	C	C	C	A	A	A	A	A
Sulfuric Acid, 10%, Above 150 F	-	-	-	-	-	-	C	C	A	A	A	A	A
Sulfuric Acid, 10-75%, 500 F and below	-	-	-	-	-	-	C	C	A	A	A	A	A
Sulfuric Acid, 75-98%, 150 F and below	C	C	C	C	C	C	C	C	A	A	A	B	A
Sulfuric Acid, 75-98%, 150 F to 500 F	C	C	C	C	C	C	C	C	A	B	B	B	A
Sulfuric Acid, Fuming	C	C	C	C	C	C	C	C	A	-	-	C	A
Sulfurous Acid	B	B	B	B	B	B	B	-	A	A	A	A	A
Syltherm 800	B	B	B	B	B	B	B	B	A	A	A	A	A
Syltherm XLT	B	B	B	B	B	B	B	B	A	A	A	A	A
Tannic Acid	A	A	A	A	A	A	A	A	A	A	A	A	A
Tar	A	A	A	A	A	A	A	C	B	A	A	A	A
Tartaric Acid	A	A	A	A	A	A	A	A	A	A	A	A	A
2,3,7,8-TCDB-p-Dioxin	C	C	C	C	C	C	C	C	A	A	A	A	A
Tertiary Butyl Amine	B	B	B	B	B	B	-	C	A	A	A	A	A
Tetrabromoethane	C	C	C	C	C	C	C	C	A	A	A	A	A
Tetrachlorethane	C	C	C	C	C	C	C	C	A	A	A	A	A
Tetrachloroethylene	C	C	C	C	C	C	C	C	A	A	A	A	A
Tetrahydrofuran, THF	C	C	C	C	C	C	C	C	A	A	A	A	A
Therminol 44	C	C	C	C	C	C	C	C	A	A	A	A	A
Therminol 55	C	C	C	C	C	C	C	C	A	A	A	A	A
Therminol 59	C	C	C	C	C	C	C	C	A	A	A	A	A
Therminol 60	C	C	C	C	C	C	C	C	A	A	A	A	A
Therminol 66	C	C	C	C	C	C	C	C	A	A	A	A	A
Therminol 75	C	C	C	C	C	C	C	C	A	A	A	A	A
Therminol D12	B	B	B	B	B	B	C	B	A	A	A	A	A
Therminol LT	C	C	C	C	C	C	C	C	A	A	A	A	A
Therminol VP-1	C	C	C	C	C	C	C	C	A	A	A	A	A
Therminol XP	A	A	A	A	A	A	C	B	A	A	A	A	A

