

Chemical Resistance Chart

A = Good Resistance | B = Fair Resistance | C = Depends on Conditions | D = Not Recommended

	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
Acetal	D	B	D	-	A	B
Acetaldehyde	D	A	D	B	A	A
Acetamide	A	A	B	-	A	A
Acetate Solvents	D	A	D	-	A	C
Acetic Acid, 10%	B	A	C	-	A	B
Acetic Acid, 30%	D	A	C	-	A	B
Acetic Acid, 50%	D	A	D	-	A	B
Acetic Acid, Glacial	D	A	D	-	A	B
Acetic Anhydride	D	B	D	D	A	B
Acetic Ester (Ethyl Acetate)	D	A	D	-	A	B
Acetic Ether (Ethyl Acetate)	D	A	D	-	A	B
Acetic Oxide (Acetic Anhydride)	D	B	D	-	A	B
Acetone	D	A	D	D	A	B
Acetophenome	D	A	D	-	A	A
Acetyl Acetone	C	B	D	-	A	B
Acetyl Chloride	D	C	B	C	A	C
Acetylene	A	B	A	-	A	A
Acrylonitrile	D	D	D	-	A	D
Air	A	A	A	A	A	A
Alcohol Aliphatic	A	A	C	-	B	A
Alcohol, Aromatic	C	D	A	-	A	D
Alk-Tri (Trichloroethylene)	D	D	A	-	A	D
Allyl Alcohol	A	A	B	-	A	A
Allyl Bromide	D	D	B	-	A	D
Allyl Chloride	D	D	A	-	A	D
Alum (Alum Potassium Sulfate)	A	A	A	-	A	A
Aluminum Acetate	C	A	A	-	A	A
Aluminum Chloride	A	A	A	B	A	A
Aluminum Fluoride	A	A	A	-	A	A
Aluminum Hydroxide	A	A	A	-	A	A
Aluminum Phosphate	A	A	A	-	A	A
Aluminum Nitrate	A	A	A	-	A	A
Aluminum Sulfate	A	A	A	A	A	A
Ammonia, Liquid	B	A	A	-	A	A
Ammonia in Water	C	A	B	-	A	B
Ammonium Carbonate	C	A	A	C	A	A
Ammonium Chloride	A	A	A	C	A	A
Ammonium Hydroxide	B	A	B	A	A	A
Ammonium Metaphosphate	A	A	A	-	A	A
Ammonium Nitrate	A	A	A	C	A	A
Ammonium Persulfate	D	B	A	A	A	A
Ammonium Phosphate	A	A	A	-	A	A
Ammonium Sulfate	A	A	A	A	A	A
Ammonium Sulfide	A	A	A	-	A	A
Ammonium Sulfite	A	A	A	-	A	A
Ammonium Thiocyanate	A	A	A	-	A	A
Ammonium Thiosulfate	A	A	A	-	A	A
Amyl Acetate	D	A	A	D	A	B

	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
Amyl Acetone	D	B	D	-	A	B
Amyl Alcohol	A	A	A	D	A	A
Amyl Borate	A	D	A	-	A	D
Amyl Chloride	D	D	A	D	A	D
Amyl Chloronaphthalene	D	D	A	-	A	D
Amyl Naphthalene	D	D	A	-	A	D
Amyl Oleate	D	B	C	-	A	B
Amyl Phenol	D	D	A	-	A	D
Anethole	D	D	B	-	A	D
Aniline	D	D	B	B	B	B
Aniline Dyes	D	B	B	-	A	B
Aniline Hydrochloride	B	B	B	-	A	B
Animal Fats	A	C	A	-	A	C
Animal Grease	A	C	A	-	A	D
Animal Oils	A	C	A	-	A	C
Ansul Ether	D	C	D	-	A	D
Antifreeze	A	A	A	-	A	A
Antimony Chloride	A	D	A	-	A	B
Antimony Pentachloride	B	D	A	-	A	D
Aqua Regia	D	B	A	-	A	C
Aromatic Hydrocarbons	D	D	A	-	A	D
Arquad	A	A	A	-	A	A
Arsenic Acid	A	A	A	-	A	A
Arsenic Chloride	C	D	D	-	A	D
Arsenic Trichloride	A	D	D	-	A	D
Asphalt	B	D	A	-	A	D
ASTM #1 Oil	A	D	A	-	A	D
ASTM #2 Oil	A	D	A	-	A	D
ASTM #3 Oil	A	D	A	-	A	D
Aviation Gasoline	A	D	A	-	A	D
Barium Carbonate	A	A	A	-	A	A
Barium Chloride	A	A	A	-	A	A
Barium Hydroxide	A	A	A	-	A	A
Barium Sulfate	A	A	A	-	A	A
Barium Sulfide	A	A	A	-	A	A
Beer	A	A	A	-	A	A
Beet Sugar Liquor	A	A	A	-	A	A
Benzaldehyde	D	A	D	-	A	B
Benzene (Benzol)	D	D	A	-	A	D
Benzene Sulphonic Acid	D	D	A	D	A	D
Benzene Solvent (Ligroin)	A	D	A	-	A	D
Benzoic Acid	D	D	A	-	A	D
Benzoic Aldehyde	D	A	D	-	A	B
Benzotrithloride	-	-	-	-	A	-
Benzoyl Chloride	D	D	B	-	A	D
Benzyl Acetate	D	B	D	-	A	B
Benzyl Alcohol	D	B	A	-	A	B
Benzyl Chloride	D	D	A	-	A	D

*PTFE includes Tuf-Flex®, GYLON BIO-PRO® and GYLON® BIO-PRO PLUS™ | **Butyl includes Bromobutyl and Chlorobutyl

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	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**		Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
Bichromate of Soda (Sodium Dichromate)	A	A	A	-	A	A	Carbitol	B	B	A	-	-	A
Black Sulfate Liquor	A	A	A	-	A	A	Carbitol Acetate	D	B	D	-	-	B
Blast Furnace Gas	C	C	A	-	A	C	Carbolic Acid	C	A	A	-	A	C
Bleach Solutions	D	B	B	-	A	B	Carbon Bisulfide	D	D	A	-	A	D
Borax	A	A	A	-	A	A	Carbon Dioxide	A	A	A	B	A	A
Bordeaux Mixture	A	A	A	-	A	A	Carbon Disulfide	D	D	A	-	A	D
Brandy	FDA TUBE REQUIRED						Carbonic Acid	A	A	A	-	A	A
Brine	A	A	A	-	A	A	Carbon Monoxide	C	C	A	-	A	C
Bromine	D	D	A	D	A	D	Carbon Tetrachloride	C	D	A	D	A	D
Bromine Water	C	C	A	-	A	C	Carbon Tetrafluoride	C	D	-	-	A	D
Bromobenzene	D	D	B	-	A	D	Castor Oil	A	A	A	-	A	A
Bunker Oil	A	D	A	-	A	D	Caustic Potash	A	A	C	-	A	A
Butanol	A	A	A	B	A	A	Caustic Soda	B	A	C	-	-	A
Butane	A	D	A	D	A	D	Cellosolve	D	A	C	-	A	A
Butter	A	A	A	-	-	A	Cellulose Acetate	D	B	D	-	A	B
Butyl Acetate	D	A	D	D	A	B	Cellulose	D	A	C	-	-	B
Butyl Acrylate	D	D	D	-	A	D	China Wood Oil	A	A	C	-	A	A
Butylamine	C	C	D	-	A	C	Chlorine Dioxide	D	D	A	-	-	D
Butyl Benzene	D	D	A	-	-	D	Chlorine Gas	D	D	A	-	A	D
Butyl Bromide	D	D	B	-	-	D	Chlorine Water Solns	D	D	C	-	A	D
Butyl Butyrate	D	B	C	-	-	C	Chloroacetic Acid	C	A	D	-	A	D
Butyl Carbitol	B	A	A	-	-	A	Chloroacetone	D	D	D	-	-	B
Butyl Cellosolve	B	A	D	-	-	A	Chlorobenzene	D	D	A	D	A	D
Butyl Chloride	D	D	A	-	A	C	Chlorobutane	D	D	A	-	-	D
Butyl Ether	B	C	D	-	A	C	Chlorobutadiene	D	D	A	-	-	D
Butyl Ethyl Acetaldehyde	D	D	D	-	-	C	Chloroform	D	D	A	D	A	D
Butyl Ethyl Ether	D	C	C	-	A	C	Chlorinated Hydrocarbon	D	D	A	-	A	D
Butyl Oleate	D	B	A	-	-	B	Chloropentane	D	D	A	-	-	D
Butyl Phthalate	D	A	C	-	-	C	Chlorophenol	D	D	A	-	A	D
Butyl Stearate	B	C	A	-	A	C	Chloropropanone	D	C	D	-	A	C
Butyraldehyde	D	D	D	-	A	D	Chlorosulfonic Acid	C	D	D	D	-	D
Butyric Acid	C	C	C	D	A	C	Chlorothene	D	D	A	-	A	D
Butyric Anhydride	C	C	C	-	A	C	Chlorotoluene	D	D	A	-	A	D
Calcium Acetate	D	A	D	-	A	A	Chromic Acid	D	C	C	D	A	C
Calcium Bisulfate	A	B	A	-	A	B	Citric Acid	B	A	A	-	A	A
Calcium Bisulfite	A	A	A	-	A	A	Coal Oil	A	D	A	-	-	D
Calcium Carbonate	A	A	A	-	A	A	Coal Tar	A	B	A	-	A	D
Calcium Chloride	A	A	A	-	A	A	Coal Tar Naptha	C	D	A	-	A	D
Calcium Hydroxide	A	A	A	-	A	A	Coblat Chloride	A	A	A	-	-	A
Calcium Hypochlorite	D	A	A	-	A	A	Coconut Oil	A	A	A	-	A	B
Calcium Nitrate	A	A	A	-	A	A	Cod Liver Oil	A	A	A	-	A	A
Calcium Oxide	-	-	-	A	-	-	Coke Oven Gas	C	D	D	-	A	C
Calcium Salts	-	-	-	B	-	-	Copper Arsenate	A	A	A	-	A	A
Calcium Sulfate	A	A	A	-	A	A	Copper Chloride	A	A	A	-	A	A
Calcium Sulfide	A	A	A	-	A	A	Copper Cyanide	A	A	A	-	A	A
Calcium Sulfite	A	A	A	-	A	A	Copper Nitrate	A	A	A	-	A	A
Caliche Liquor	A	A	A	-	A	A	Copper Nitrite	A	A	A	-	A	A
Cane Sugar Liquors	A	A	A	-	A	A	Copper Sulfate	A	A	A	-	A	B

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	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
Copper Sulfide	A	A	A	-	A	A
Corn Oil	A	C	A	-	A	A
Cottonseed Oil	A	C	A	-	A	A
Creosote (Coal Tar)	A	D	B	-	A	D
Creosote (Wood)	A	D	A	-	A	D
Creosols	C	D	A	-	A	C
Cresylic Acid	C	D	A	-	A	D
Crude Oil	A	D	A	-	A	D
Cumene	C	D	A	-	A	D
Cupric Carbonate	B	A	A	-	A	A
Cupric Chloride	A	A	A	-	A	A
Cupric Nitrate	A	A	A	-	A	A
Cupric Nitrite	A	A	A	-	A	A
Cupric Sulfate	A	A	A	-	A	A
Cyclohexane	B	D	A	D	A	D
Cyclohexanone	D	D	C	D	A	D
Cyclohexanol	B	D	B	-	A	D
Cyclopentane	C	D	A	-	A	D
P-Cymene	C	D	A	-	A	D
DDT in Kerosene	A	D	A	-	A	D
Decaline	D	D	A	-	A	D
Decane	B	D	A	-	-	D
Detergent Solutions	A	A	A	-	A	A
Diacetone Alcohol	D	B	D	-	A	A
Dibenzyl Ether	D	D	C	-	A	B
Dibenzylsebacate	D	B	B	-	A	B
Dibromobenzene	D	D	A	-	A	D
Dibutylamine	D	D	D	C	A	D
Dibutyl Ether	D	B	C	-	A	D
Dibutyl Phthalate	D	A	D	-	A	B
Dibutyl Sebacate	D	B	B	-	A	B
Dicalcium Phosphate	A	A	A	-	A	A
Dichloroacetic Acid	D	C	C	-	A	C
P-Dichlorobenzene	D	D	A	-	A	D
Dichlorobutane	D	D	A	-	A	D
Dichloroisopropyl Ether	D	C	C	-	-	C
Dichlorodifluoromethane (Freon 12)	A	D	A	-	A	D
Dichloroethane	D	D	A	-	A	C
Dichloroethylene	D	D	A	-	A	D
Dichloroethyl Ether	D	D	C	-	A	D
Dichlorohexane	D	D	A	-	A	D
Dichloromethane	D	D	A	-	A	D
Dichloropentane	D	D	A	-	A	D
Dieldrin in Xylene	D	D	A	-	-	D
Dieldrin in Xylene & Water Spray	B	D	A	-	-	D
Diesel Oil	A	D	A	-	A	D
Diethanolamine	B	A	D	-	A	A
Diethylamine	C	B	D	-	A	B

	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
Diethyl Benzene	D	D	A	-	A	D
Diethyl Ether	B	D	D	-	-	D
Diethylene Dioxide	D	B	D	-	A	B
Diethyl Oxalate	D	A	C	-	A	C
Diethyl Phthalate	D	C	C	-	A	A
Diethyl Sebacate	D	C	B	-	A	A
Diethyl Sulfate	D	A	A	-	A	B
Diethyl Triamine	B	B	C	-	A	A
Dihydroxyethyl Ether	A	B	A	-	A	A
Diisobutylene	A	D	A	-	A	D
Diisobutyl Ketone	D	A	D	-	A	B
Diiaodecyl Adipate	D	A	C	-	A	A
Diisodecyl Phthalate	D	A	C	-	A	A
Diisooctyl Adipate	D	A	C	-	A	A
Diisooctyl Phthalate	D	B	B	-	A	B
Diisopropanol Amine	B	A	C	-	A	A
Diisopropyl Benzene	C	D	A	-	A	D
Diisopropyl Ether	B	D	B	-	A	D
Diisopropyl Ketone	D	A	D	-	A	D
Dilauryl Ether	C	D	C	-	A	D
Dimethyl Benzene	D	D	A	-	A	D
Dimethylaniline	D	C	D	-	A	D
Dimethylformamide (DMF)	D	C	D	-	A	C
Dimethyl Ketone (Acetone)	D	A	D	-	A	A
Dimethyl Phthalate	D	B	C	-	A	A
Dimethyl Sulfate	D	D	D	-	A	B
Dimethyl Sulfide	D	D	C	-	A	C
Dinitrobenzene	D	C	A	-	A	C
Dinitrotoluene	D	D	B	-	A	D
Diocetyl Adipate (DOA)	D	B	C	-	A	A
Diocetyl Phthalate (DOP)	D	B	B	-	A	B
Diocetyl Sebacate (DOS)	D	B	B	-	A	B
Dioxane	D	B	D	-	A	B
Dioxolane	D	B	C	-	A	C
Dipentene (Limonene)	C	D	A	-	A	D
Diphenyl (Biphenyl)	D	D	A	-	-	D
Dipropyl Ketone	D	B	D	-	A	B
Disodium Phosphate	A	A	A	-	A	A
Divinyl Benzene	D	D	A	-	A	D
D.M.P. (Dimethyl Phenols)	D	D	D	-	A	D
Dodecyl Benzene	D	D	A	-	A	D
Diphenyl Oxide (Phenylether)	D	D	A	-	-	D
Dipropylene Glycol	A	A	A	-	A	A
Dodecyl Toluene	D	D	A	-	A	D
Dowdume W 40, 100%	D	C	C	-	-	D
Dow-Per (Perchloroethylene)	C	D	A	-	A	D
Dowtherm Oil, A & E	D	D	A	-	A	D
Dowtherm S.R.I.	A	A	A	-	A	A

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Dry Cleaning Fluids	C	D	A	-	-	D	Formamide	A	A	D	-	A	A
Epichlorohydrin	D	B	D	-	A	C	Formic Acid	B	A	D	C	A	A
Ethanol (Ethyl Alcohol)	A	A	C	B	A	A	Freon 11	A	D	A	-	-	D
Ethers	C	D	D	D	A	C	Freon 12	B	C	B	-	-	D
Ethyl Acetate	D	A	D	D	A	B	Freon 13	A	A	A	-	-	A
Ethyl Acetoacetate	D	B	D	-	A	B	Freon 21	D	D	D	-	-	D
Ethyl Acrylate	D	D	D	-	A	C	Freon 22	D	A	D	-	A	A
Ethyl Benzene	C	D	A	-	A	D	Freon 31	D	A	D	-	-	A
Ethyl Benzoate	B	B	C	-	-	B	Freon 32	A	A	C	-	-	A
Ethyl Butyl Alcohol	A	A	B	-	A	A	Freon 112	B	D	A	-	-	D
Ethyl Butyl Ketone	D	B	D	-	A	B	Freon 113	A	D	B	-	-	D
Ethyl Cellulose	B	B	D	-	A	B	Freon 114	A	A	B	-	-	A
Ethyl Chloride	D	A	B	D	A	A	Freon 115	A	A	B	-	-	A
Ethyl Dichloride	D	D	B	-	A	D	Freon 142b	A	A	D	-	-	A
Ethylene	A	D	A	-	-	D	Freon 152a	A	A	D	-	-	A
Ethylene Bromide	D	D	A	-	A	D	Freon 218	A	A	A	-	-	A
Ethylene Chloride	D	D	A	-	A	D	Freon C316	A	A	A	-	-	A
Ethylene Dibromide	D	D	B	-	A	D	Freon C318	A	A	A	-	-	A
Ethylene Dichloride	D	D	B	D	A	D	Freon 13B1	A	A	A	-	-	A
Ethylene Glycol	A	A	A	A	A	A	Freon 114B2	B	D	B	-	-	D
Ethylene Oxide	D	C	D	D	A	C	Freon 502	B	A	B	-	-	A
Ethylene Trichloride (Trichloroethylene)	C	D	A	-	A	D	Freon TF	A	A	A	-	-	A
Ethyl Ether	C	D	D	-	A	D	Freon T-WD 602	A	B	A	-	-	A
Ethyl Formate	D	C	D	-	A	B	Freon TMC	B	B	A	-	-	B
Ethyl Hexanol	A	A	B	-	A	A	Freon T-P35	A	A	A	-	-	A
Ethyl Methyl Ketone	D	B	D	-	A	B	Freon TA	A	A	C	-	-	A
Ethyl Ozalate	D	B	C	-	A	A	Freon TC	A	B	A	-	-	A
Ethyl Phthalate	D	B	C	-	A	A	Freon MF	A	D	A	-	-	D
Ethyl Propyl Ether	D	D	C	-	-	D	Freon BF	B	D	A	-	-	D
Ethyl Propyl Ketone	D	B	D	-	A	B	Fuel Oil	A	D	A	-	A	D
Ethyl Silicate	A	A	A	-	A	A	Fuel, ASTM A	A	D	A	-	A	D
Ethyl Sulfate	D	B	D	-	A	B	Fuel, ASTM B	A	D	A	-	A	D
EX TRI (Trichlorethylene)	C	D	A	-	A	D	Fuel, ASTM C	B	D	A	-	A	D
Fatty Acids	B	C	A	C	A	D	Fumaric Acid	A	D	A	-	A	D
Ferric Bromide	A	A	A	-	A	A	Furan	D	C	D	-	A	C
Ferric Chloride	A	A	A	B	A	A	Furfural	D	C	D	-	A	A
Ferric Nitrate	A	A	A	-	A	A	Furfuryl Alcohol	D	C	D	-	A	C
Ferric Sulfate	A	A	A	-	A	A	Gallic Acid	B	B	B	-	A	B
Ferrous Acetate	D	B	D	-	A	A	Gasoline, Reg	A	D	A	-	A	D
Ferrous Ammonium Sulfate	A	A	A	-	-	A	Gasoline, Hi-Test	A	D	A	D	A	D
Ferrous Chloride	A	A	A	-	A	A	Gasoline, Lead Free	A	D	A	D	A	D
Ferrous Hydroxide	B	A	C	-	A	A	Gelatin	A	A	A	-	A	A
Ferrous Sulfate	A	A	A	-	A	A	Gluconic Acid	C	C	A	-	A	C
Fish Oil	A	D	A	-	A	A	Glucose	A	A	A	A	A	A
Fluoroboric Acid	A	A	C	A	A	A	Glue	A	A	C	A	A	B
Fluorine	D	D	D	-	B	D	Glycerine (Glycerol)	A	A	A	A	A	A
Fluosilic Acid	B	B	A	-	A	A	Glycois	A	A	A	-	A	A
Formaldehyde (Formalin)	A	A	A	B	A	A	Grease	A	D	A	-	A	D

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	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**		Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
Green Sulfate Liquor	-	A	-	-	A	A	Isobutanol (Isobutyl Alcohol)	B	A	B	-	A	A
Halowax Oil	D	D	A	-	A	D	Isobutyl Acetate	D	B	D	-	A	A
Heptachlor in Petroleum Solvents	B	D	A	-	A	D	Isobutyl Aldehyde	D	B	D	-	A	B
Heptachlor in Petroleum Solvents, Water Spray	B	D	A	-	-	D	Isobutyl Amine	D	B	D	-	A	B
Heptanal (Heptaldehyde)	D	B	D	-	A	D	Isobutyl Bromide	D	D	B	-	A	D
Heptane	A	D	A	-	A	D	Isobutyl Carbinol	A	A	B	-	A	A
Heptane Carboxylic Acid	C	C	A	-	A	C	Isobutyl Chloride	D	D	B	-	A	D
Hexaldehyde	D	B	D	-	A	B	Isobutylene	A	D	A	-	A	D
Hexane	A	D	A	-	A	D	Isobutyl Ether	D	D	D	-	A	D
Hexene	B	D	A	-	A	D	Isocyanates	D	B	C	-	A	B
Hexanol (Hexyl Alcohol)	A	A	A	-	A	A	Isoctane	A	D	A	-	A	D
Hexylene	A	C	A	-	A	D	Isopentane	A	D	A	-	A	D
Hexylene Glycol	A	A	A	-	A	A	Isopropyl Acetate	D	B	D	-	A	A
Hexyl Methyl Ketone	D	B	D	-	A	B	Isopropyl Alcohol (iso-propanol)	B	A	B	-	A	A
Hi-Tri (Trichloroethylene)	C	D	A	-	A	D	Isopropyl Amine	C	B	D	-	A	B
Hydraulic Fluid (Petroleum)	A	D	A	C	A	D	Isopropyl Benzene	D	D	A	-	A	D
Hydraulic Fluid (Phosphate Ester Base)	D	A	D	-	A	A	Isopropyl Chloride	D	D	B	-	A	D
Hydraulic Fluid (Poly Alkylene Glycol Base)	A	A	A	-	-	A	Isopropyl Ether	C	D	D	-	A	D
Hydrobromic Acid	C	A	A	-	A	A	Isopropyl Toluene	D	D	A	-	A	D
Hydrobromic Acid, 5%	D	A	A	-	A	B	Jet Fuels (JP1-JP6)	A	D	A	-	A	D
Hydrobromic Acid, 15%	D	A	A	-	A	B	Kerosene	A	D	A	D	A	D
Hydrobromic Acid, 37%	-	A	A	-	A	-	Ketones	D	A	D	-	A	B
Hydrocyanic Acid	B	C	A	-	A	C	Lactic Acid	C	C	A	A	A	C
Hydrofluoric Acid	D	C	A	D	A	C	Lacquers	D	D	D	-	A	C
Hydrofluosilic Acid	B	A	A	-	A	A	Lacquer Solvents	D	D	D	D	A	C
Hydrogen Gas	-	-	-	-	-	-	Lard	A	C	A	B	A	D
Hydrogen Peroxide, 3%	C	A	-	-	A	C	Lauryl Alcohol	A	A	B	-	A	A
Hydrogen Peroxide, 10%	D	A	-	-	A	C	Lead Acetate	C	B	C	D	A	A
Hydrogen Peroxide, 30%	D	C	-	-	A	D	Lead Nitrate	A	A	A	-	A	A
Hydrogen Peroxide, 90%	D	C	B	C	A	D	Lead Sulfamate	B	A	A	-	-	A
Hydrogen Sulfide	-	-	-	-	-	-	Lead Sulfate	A	A	A	-	A	A
Hydroquinone	D	B	D	-	A	B	Ligroin	A	D	A	-	A	D
Hypochlorous Acid	D	B	A	D	-	B	Lime Water	C	A	A	-	-	A
Ink Oil (Linseed Oil Base)	B	B	A	-	A	B	Linseed Oil	A	A	A	-	A	A
Insulating Oil	A	D	A	-	A	D	Lindol (Tricresyl Phosphate)	D	A	A	-	-	A
Iodine	D	D	C	-	A	D	Liquid Soap	A	A	A	-	A	A
Iron Acetate	D	B	D	-	A	A	Liquid Petroleum Gas	A	D	A	-	A	D
Iron Hydroxide	B	B	C	-	A	A	Lubricating Oils	A	D	A	-	A	D
Iron Salts	A	A	A	-	A	A	Lye (Sodium Hydroxide)	B	A	D	-	-	A
Iron Sulfate	A	A	A	-	A	A	Magnesium Acetate	D	B	D	-	A	A
Iron Sulfide	A	A	A	-	A	A	Magnesium Carbonate	A	A	A	-	A	A
Isomyl Acetate	D	B	D	-	A	A	Magnesium Chloride	A	A	A	A	A	A
Isomyl Alcohol	A	A	A	-	A	A	Magnesium Hydrate	B	A	B	-	A	A
Isomyl Bromide	D	D	B	-	A	D	Magnesium Hydroxide	B	A	A	-	A	A
Isomyl Butyrate	D	C	D	-	A	C	Magnesium Nitrate	A	A	A	-	A	A
Isomyl Chloride	D	D	B	-	A	C	Magnesium Sulfate	A	A	A	A	A	A
Isomyl Ether	D	D	D	-	A	D	Malathion 50 in Aromatic Solvents	C	D	A	-	A	D
Isomyl Phthalate	D	B	C	-	A	A	Malathion 50 in Aromatic Solvents, Water Spray	C	D	A	-	A	D

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	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
Maleic Acid	D	C	A	-	A	C
Maleic Anhydride	D	C	A	-	A	C
Malic Acid	B	D	A	B	A	D
Manganese Sulfate	A	A	A	-	A	A
Manganese Sulfide	A	B	A	-	A	A
Manganese Sulfite	A	B	A	-	A	A
Mercuric Chloride	B	A	A	-	A	A
Mercury	A	A	A	-	A	A
Methane	A	D	A	-	A	D
Methyl Acetate	D	B	D	-	A	B
Methyl Acrylate	D	B	D	-	A	B
Methacrylic Acid	D	B	D	-	-	B
Methyl Alcohol (Methanol)	A	A	C	A	A	A
Methyl Benzene (Toluene)	D	D	A	-	A	D
Methyl Bromide	D	D	B	-	A	D
Methyl Butyl Ketone	D	B	D	-	A	B
Methyl Cellosolve	C	B	D	-	A	B
Methyl Chloride	C	C	A	D	A	C
Methyl Cyclohexane	D	D	B	-	A	D
Methylene Bromide	D	D	B	-	A	D
Methylene Chloride	D	D	B	-	A	D
Methyl Ethyl Ketone (MEK)	D	A	D	D	A	B
Methyl Formate	D	B	C	-	A	B
Methyl Hexanol	A	A	B	-	A	A
Methyl Hexyl Ketone	D	B	D	-	A	B
Methyl Isobutyl Carbinol	B	A	B	-	A	A
Methyl Isobutyl Ketone (MIBK)	D	A	D	-	A	B
Methyl Isopropyl Ketone	D	C	D	-	A	B
Methyl Propyl Ether	D	D	D	-	A	D
Methyl Propyl Ketone	D	B	D	-	A	B
Methyl Methacrylate	D	D	D	-	A	D
Methyl Salicylate	D	B	C	-	A	B
Methyl tert-Butyl Ether (MTBE)	D	D	D	-	D	D
Mineral Oil	A	D	A	-	A	D
Mineral Spirits	A	D	A	-	A	D
Monochlorobenzene	D	D	A	-	A	D
Monochlorodifluoromethane (Freon 22)	D	A	D	-	A	A
Monomethylether	A	A	C	-	-	A
Monovinyl Acetate	D	C	A	-	-	B
Motor Oil	A	D	A	-	A	D
Muriatic Acid	-	A	A	-	A	-
Naphtha	A	D	A	D	A	D
Napthalene	D	D	A	-	A	D
Napthenic Acid	C	D	A	-	A	D
Neatsfoot Oil	A	B	A	-	A	B
Neu-Tri (Trichloroethylene)	C	D	A	-	A	D
Nickel Acetate	D	B	D	-	A	A
Nickel Chloride	A	A	A	A	A	A

	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
Nickel Nitrate	A	A	A	-	A	A
Nickel Plating Solution	B	B	A	-	A	B
Nickel Sulfate	A	A	A	-	A	A
Niter Cake	A	A	A	-	A	A
Nitric Acid, 10%	D	C	C	-	A	C
Nitric Acid, 20%	D	C	A	-	A	B
Nitric Acid, 30%	D	C	A	-	A	B
Nitric Acid, 30-70%	D	D	C	-	A	C
Nitric Acid, Red Fuming	D	D	D	-	A	D
Nitrobenzene	D	D	B	D	A	D
Nitrogen Gas	A	A	A	-	A	A
Nitrogen Tetraoxide	D	D	D	-	A	D
Nitromethane	D	B	D	-	A	B
Nitropropane	D	B	D	-	A	A
Nitrous Oxide	A	A	A	-	A	A
Octadecanoic Acid	A	C	C	-	A	B
Octane	A	D	A	-	A	D
Octanol (Octyl Alcohol)	B	B	A	-	A	B
Octyl Acetate	D	B	D	-	A	A
Octyl Carbinol	A	A	B	-	A	A
Octylene Glycol	A	A	A	-	A	A
Oil, Petroleum	A	D	A	-	A	D
Oil, ASTM #1	A	D	A	-	A	D
Oil, ASTM #2	A	D	A	-	A	D
Oil, ASTM #3	A	D	A	-	A	D
Oleic Acid	B	B	C	D	A	B
Oleum (Fuming Sulfuric Acid)	D	D	D	-	A	D
Olive Oil (Non FDA)	A	B	A	-	A	B
Orthodichlorobenzene	D	D	A	-	A	D
Oxalic Acid (Cold)	B	A	A	B	A	A
Oxygen, Cold	C	A	A	-	A	A
Oxygen, HotB	A	A	-	A	-	C
Ozone	D	A	A	-	A	B
Paint Thinner (Duco)	D	D	C	-	A	D
Palmitic Acid (Hexadecanoic Acid)	A	B	A	D	A	B
Palm Oil	A	B	A	-	A	A
Papermaker's Alum	A	A	A	-	A	A
Paradichlorobenzene	D	D	A	-	-	D
Paraffin	A	D	A	-	A	D
Paraformaldehyde	B	B	C	-	A	B
Peanut Oil	A	D	A	-	A	C
Pentane	A	D	A	-	A	D
Perchloroethylene	C	D	A	-	A	D
Perchloric Acid	D	B	A	D	A	B
Petrolatum	A	D	A	-	-	D
Petroleum, Crude	A	D	A	-	A	D
Petroleum Ether (Naphtha)	A	D	A	-	A	D
Petroleum Oils	A	D	A	-	A	D

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Phenol 10%	D	C	A	-	A	B
Phenol Sulfonic Acid	D	C	A	-	A	C
Phenyl Chloride	D	D	A	-	A	D
Phenylhydrazine	D	C	A	-	-	B
Phorone	D	B	C	-	A	A
Phosphate Esters	D	A	C	-	-	A
Phosphoric Acid, 10%	A	A	A	-	A	A
Phosphoric Acid, 10-85%	C	A	A	-	A	A
Phosphorous Trichloride	D	A	A	-	-	A
Pickling Solution	C	C	B	-	A	C
Picric Acid, Molten	C	C	C	-	A	C
Picric Acid, Water Soln.	B	B	C	-	A	A
Pinene	A	D	A	-	A	D
Pine Oil	C	D	B	-	A	D
Piperidine	D	D	D	-	A	D
Pitch	B	D	C	-	A	D
Plating Solution, Chrome	B	A	B	-	A	A
Plating Solution, Others	B	A	B	D	-	A
Polyvinyl Acetate Emulsion (PVA)	C	A	C	-	A	A
Polyethylene Glycol	A	A	A	-	A	A
Polypropylene Glycol	A	A	A	-	A	A
Potassium Bicarbonate	A	A	A	-	A	A
Potassium Bisulfate	A	A	A	-	A	A
Potassium Bisulfite	A	A	A	-	A	A
Potassium Carbonate	A	A	A	-	A	A
Potassium Chloride	A	A	A	-	A	A
Potassium Chromate	D	B	A	-	A	A
Potassium Cyanide	A	A	A	-	A	A
Potassium Dichromate	D	B	A	-	A	A
Potassium Hydrate	B	A	C	-	A	A
Potassium Hydroxide	C	A	C	C	A	A
Potassium Nitrate	A	A	A	-	A	A
Potassium Permanganate	D	A	A	-	A	A
Potassium Silicate	A	A	A	-	A	A
Potassium Sulfate	A	A	A	-	A	A
Potassium Sulfide	A	A	A	-	A	A
Potassium Sulfite	A	A	A	-	A	A
Producer Gas	A	D	A	-	-	D
Propanediol	A	A	A	-	A	A
Propyl Acetate	D	B	D	-	A	B
Propyl Alcohol (Propanol)	A	A	A	-	A	A
Propyl Aldehyde	D	B	D	-	A	B
Propyl Chloride	D	C	B	-	A	C
Propylene Dichloride	D	D	B	-	A	D
Propylene Glycol	A	A	A	-	A	A
Pydraul Hydraulic Fluids	D	B	C	-	A	B
Pyranol	C	D	A	-	-	D
Pyridine	D	B	D	D	A	B

	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
Pyrolygneous Acid	C	B	A	-	-	B
Pyrrrole	D	C	C	-	-	B
Rape Seed Oil	B	B	A	-	A	A
Red Oil (Crude Oleic Acid)	B	B	B	-	A	B
Richfield A Weed Killer, 100%	D	D	C	-	A	D
Richfield B Wedd Killer, 33%	B	D	C	-	A	B
Rosin Oil	A	D	A	-	-	D
Rotenone and Water	A	A	A	-	-	A
Rum	FDA TUBE REQUIRED					
Sal Ammoniac (Ammonium Chloride)	A	A	A	-	-	
Salicylic Acid	D	A	A	-	A	
Salt Water (Sea Water)	A	A	A	A	A	
Sewage	A	C	A	-	A	
Silicate of Soda (Sodium Silicate)	A	A	A	-	A	
Silicate Esters	B	D	A	-	-	
Silicone Greases	A	A	A	-	A	
Silicone Oils	A	A	A	-	A	
Silver Nitrate	A	A	A	A	A	
Skelly Solvent	A	D	A	-	-	
Skydrol Hydraulic Fluids	D	A	D	-	A	
Soap Solutions	A	A	A	B	A	
Soda Ash (Sodium Carbonate)	A	A	A	-	A	
Soda, Caustic (Sodium Hydroxide)	B	A	D	-	A	
Soda, Lime	B	A	C	-	A	
Soda Niter (Sodium Nitrate)	A	A	A	-	A	
Sodium Acetate	D	B	D	-	A	
Sodium Aluminate	A	A	A	-	A	
Sodium Bicarbonate	A	A	A	A	A	
Sodium Bisulfate	A	A	A	-	A	
Sodium Bisulfite	A	A	A	A	A	
Sodium Borate	A	A	A	A	A	
Sodium Carbonate	A	A	A	A	A	
Sodium Chloride	A	A	A	B	A	
Sodium Chromate	D	B	C	-	A	
Sodium Cyanide	A	A	A	-	A	
Sodium Dichromate	D	B	C	-	A	
Sodium Fluoride	A	A	A	-	A	
Sodium Hydroxide	C	A	C	A	A	
Sodium Hypochlorite	D	A	A	B	A	
Sodium Metaphosphate	A	A	A	-	A	
Sodium Nitrate	C	A	A	D	A	
Sodium Nitrite	A	A	A	-	A	
Sodium Perborate	C	A	A	-	A	
Sodium Peroxide	C	A	A	-	A	
Sodium Phosphate	B	A	A	-	A	
Sodium Silicate	A	A	A	A	A	
Sodium Sulfate	A	A	A	-	A	
Sodium Sulfide	A	A	A	A	A	

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Sodium Sulfite	A	A	A	A	A	A
Sodium Thiosulfate	A	A	A	-	A	A
Soybean Oil	A	A	A	-	A	A
Stannic Chloride	A	B	A	-	A	B
Stannic Sulfide	A	A	A	-	A	A
Stannous Chloride	A	A	A	-	A	A
Stannous Sulfide	A	A	A	-	A	A
Stearic Acid	B	B	A	B	A	B
Stoddards Solvent	A	D	A	D	A	D
Styrene	D	D	A	-	A	D
Sugar Sols. (Sucrose) Non FDA	A	A	A	-	A	C
Sulfamic Acid	B	A	C	-	A	A
Sulfite Liquors	B	B	A	-	A	A
Sulfonic Acid	D	D	D	-	A	D
Sulfur (Molten)	B	A	A	-	A	A
Sulfur Chloride	C	D	A	-	A	D
Sulfur Dioxide	C	C	A	-	A	C
Sulfur Hexafluoride	A	A	A	-	A	A
Sulfur Trioxide	C	C	A	-	A	C
Sulfuric Acid, 25%	B	-	A	D	A	B
Sulfuric Acid, 25-50%	D	-	A	D	A	A
Sulfuric Acid, Fuming	D	D	A	D	A	D
Sulfurous Acid	C	C	A	D	A	C
Tall Oil	A	D	A	-	A	D
Tallow	A	D	A	-	A	D
Tannic Acid	C	A	A	B	A	A
Tar	C	D	B	-	A	D
Tartaric Acid	C	B	A	A	A	B
Terpineol	D	C	A	-	A	C
Tertiary Butyl Alcohol	A	A	A	-	A	A
Tetrachlorobenzene	D	D	B	-	A	D
Tetrachloroethane	D	D	A	-	A	D
Tetrachloroethylene	D	D	A	-	A	D
Tetraethylene Glycol	A	A	A	-	A	A
Tetrachloromethane	C	D	A	-	A	D
Tetrachloronaphthalene	D	D	B	-	A	D
Tetraethyl Lead	B	D	A	-	A	D
Tetrahydrofuran (THF)	D	D	D	-	A	D
Thionyl Chloride	D	D	B	-	A	D
Tin Chloride	A	A	A	B	A	A
Tin Tetrachloride	A	A	A	-	A	A
Titanium Tetrachloride	B	C	A	-	A	D
Toluene (Toluol)	C	D	A	D	A	D
Toluene Diisocyanate (TDI)	C	A	B	-	A	A
Toxaphene	B	D	A	-	-	D
Transformer Oils (Petroleum Base)	A	D	A	-	A	D
Transformer Oils	D	D	A	-	A	D

	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
(Chlorinated Phenyl Base Askerels)						
Transmission Fluids - A	B	D	A	-	A	D
Transmission Fluids - B	C	D	A	-	-	D
Tricetin	B	A	D	-	-	A
Tributyl Phosphate	D	B	D	-	A	B
Trichlorobenzene	D	D	B	-	A	D
Trichloroethane	D	D	A	-	A	D
Trichloroethylene	D	D	A	D	A	D
Trichloropropane	D	D	A	-	A	D
Tricresyl Phosphate (TCP)	D	B	B	-	A	A
Triethylene Glycol	A	A	A	-	A	A
Trinitrotoluene (TNT)	D	D	B	-	-	D
Triphenyl Phosphate	D	B	C	-	A	A
Trisodium Phosphate	A	A	A	-	A	A
Tung Oil	A	D	A	-	A	C
Turbine Oil	B	D	A	-	-	D
Turpentine	B	D	A	D	A	D
2, 4D with 10% Fuel Oil	A	D	A	-	-	D
Ucon Hydrolube Oils	A	A	A	-	A	A
Undecanol	A	A	B	-	A	A
Unsymmetrical Dimethyl-Hydrazine (UDMH)	D	A	D	-	-	A
Uran	B	B	C	-	-	B
Varnish	B	D	A	-	A	D
Vegetable Oils	A	A	A	-	A	A
Versilube	A	A	A	-	A	A
Vinegar	C	A	A	-	A	A
Vinyl Acetate	D	B	A	-	A	A
Vinyl Benzene	D	D	A	-	A	D
Vinyl Chloride (Monomer)	D	D	A	-	A	D
Vinyl Ether	D	C	D	-	-	D
Vinyl Toluene	D	D	A	-	A	D
Vinyl Trichloride	D	D	A	-	A	D
V.M. & P. Naptha	A	D	A	-	A	D
Water, Fresh (Non FDA)	A	A	A	B	A	A
Water, Salt	B	A	A	A	A	A
Whiskey, Wines	FDA TUBE REQUIRED					
White Liquor	A	C	A	-	-	B
White Oil	A	D	A	-	A	D
Wood Alcohol (Methanol)	A	A	D	-	A	A
Xylene (Xy101)	C	D	A	D	A	D
Xylidine	D	D	C	-	A	D
Zeolites	C	A	A	-	-	C
Zinc Acetate	C	B	D	-	A	A
Zinc Carbonate	A	A	A	-	A	A
Zinc Chloride	C	A	A	B	A	A
Zinc Chromate	A	A	A	-	A	A
Zinc Sulfate	A	A	A	-	A	A

*PTFE includes Tuf-Flex®, GYLON BIO-PRO® and GYLON® BIO-PRO PLUS™ | **Butyl includes Bromobutyl and Chlorobutyl

NOTE: Properties/applications shown throughout this brochure are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult Rubber Fab. Failure to select the proper sealing products could result in property damage and/or serious personal injury. Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing. While the utmost care has been used in compiling this brochure, we assume no responsibility for errors. Specifications subject to change without notice. This edition cancels all previous issues. Subject to change without notice Rubber Fab is a registered trademark for packings, seals, gaskets, and other products of Rubber Fab.