

CHEMICAL, OIL & SOLVENT RESISTANCE TABLE - RUBBER HOSE

	S N I C P L W								S N I C P L W							
	B C		B I		S D		P P		B C		B I		S D		P P	
	R R	R R	R R	R R	R R	R R	R R	R R	R R	R R	R R	R R	R R	R R	R R	R R
Absorption Oil	X	X	G	E	X	G	X	G	G	E	E	E	E	E	E	E
Acetal	C	C	C	X	G	C	C	G	G	E	E	E	E	E	N	N
Acetaldehyde	C	X	F	X	E	C	G	E	G	G	E	E	E	E	E	E
Acetamide	C	C	G	G	E	G	E	E	E	N	N	N	N	N	N	G
Acetate Solvents	C	X	X	X	C	X	C	E	E	N	N	N	N	N	N	N
Acetic Acid 10%	X	X	G	X	G	G	G	E	G	G	N	G	E	N	E	E
Acetic Acid 30%	X	X	C	G	G	G	G	E	E	N	N	N	N	E	N	G
Acetic Acid 50%	X	X	C	C	G	X	G	E	G	E	C	E	G	E	E	E
Acetic Acid, Glacial	X	X	C	X	G	X	X	G	G	X	N	N	E	E	E	E
Acetic Aldehyde	X	N	N	N	G	X	E	E	E	G	G	E	E	E	E	E
Acetic Anhydride	X	X	G	X	E	G	E	E	G	G	G	G	G	E	E	E
Acetic Ester (Ethyl Acetate)	X	X	X	X	G	X	G	E	E	E	E	G	E	E	E	E
Acetic Ether (Ethyl Acetate)	X	X	X	X	G	C	G	E	E	E	N	N	N	N	N	N
Acetic Oxide (Acetic Anhydride)	X	X	X	X	C	G	G	E	E	N	N	N	N	G	N	G
Acetone	C	C	F	X	E	F	E	E	E	E	E	C	E	C	E	E
Acetone Cyanohydrin	X	X	N	N	G	N	G	E	G	E	E	E	E	E	E	E
Acetophenone	C	X	X	X	E	X	E	G	G	E	N	N	N	N	N	N
Acetyl Acetone	X	X	X	X	G	X	E	E	E	G	G	E	G	E	E	E
Acetyl Chloride	X	X	X	X	C	X	C	G	G	E	E	E	E	E	E	E
Acetyl Oxide	X	N	N	X	E	G	E	E	G	G	E	E	E	E	E	E
Acetyl-P-Toluidine	X	X	N	N	X	N	X	E	E	E	E	E	E	E	E	E
Acetylene	E	E	G	E	E	E	E	E	E	E	X	E	X	E	G	E
Acetylene Dichloride (Dichloroethylene)	X	X	N	N	X	N	X	X	X	E	E	E	E	E	E	E
Acetylene Tetrachloride	X	X	N	N	X	N	X	X	X	E	E	E	E	E	E	E
Acrolein (hydroquinine inhibited)	N	N	N	N	G	N	X	E	E	E	E	E	E	E	E	E
Acrylamide	N	N	N	X	N	N	X	E	E	E	E	E	E	E	E	E
Acrylates (HEA or HPA)	N	N	N	N	N	N	X	E	E	E	E	E	E	E	E	E
Acrylic Acid	N	N	N	N	N	N	N	N	G	E	E	E	E	E	E	E
Acrylonitrile	G	X	X	X	X	X	X	G	G	E	E	E	E	E	E	E
Adipic Acid	N	G	G	G	E	E	G	N	N	E	E	E	E	E	E	E
Aeroshell 7A. 17 Grease	N	N	G	E	N	N	N	N	N	E	E	E	E	E	E	E
Air	E	E	E	E	E	E	E	E	E	C	X	C	G	C	X	E
Air, 300° F	X	X	X	X	N	X	X	N	N	X	X	G	G	X	N	X
Aircraft Hydraulic Oil AA	N	N	N	E	X	N	X	E	N	X	X	C	E	E	C	X
Alachlor (Lasso)	E	N	N	N	N	N	N	E	N	X	X	X	X	X	X	E
Alcohols, Aliphatic	E	G	E	E	E	E	E	E	E	X	X	X	X	X	X	E
Alcohols, Aromatic	C	X	C	C	X	X	X	E	E	X	X	X	X	X	X	E
Alkaline Liquid (NOS)	N	N	N	N	E	E	N	E	N	X	X	X	X	G	X	E
Alk-Tri (Trichloroethylene)	X	N	N	X	X	X	N	E	N	X	N	X	X	X	X	E
Alkaryl Polyether Alcohol	N	N	N	N	N	N	N	N	E	X	N	X	X	X	X	E
Alkaryl Sulfonate Alkybenzene Sulfonate	E	N	N	E	N	X	N	E	E	X	X	X	X	X	X	G
Allyl Alcohol	E	G	E	E	E	E	E	E	E	X	X	X	X	X	X	X
Allyl Bromide	X	X	X	X	X	X	X	G	G	X	X	X	X	E	X	C
Allyl Chloride	X	X	X	X	X	X	X	G	G	X	X	X	X	X	X	E
Alpha Methylstyrene	X	X	X	X	X	N	X	G	G	X	X	X	X	X	X	E
Alpha Olefin Sulfonate	E	N	N	N	N	N	N	N	N	X	X	X	X	X	X	E
Alum (Ammonium Potassium Sulfate)	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Aluminum	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Aluminum Acetate	E	E	N	N	N	N	N	N	N	X	X	X	E	G	X	C
Aluminum Alkyl	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	E
Aluminum Bromide	E	E	E	E	E	E	E	E	N	X	X	X	X	X	X	E
Aluminum Chloride	E	E	E	E	E	E	E	E	E	X	X	X	X	X	X	E
Aluminum Chlorohydrate Solution (to 50%)	N	N	N	E	E	N	E	E	E	X	X	X	X	X	X	E
Aluminum Fluoride	E	E	E	E	E	E	E	E	E	X	X	X	X	X	X	E
Aluminum Formate	X	N	N	X	G	X	N	E	E	X	X	X	X	X	X	E
Aluminum Hydroxide	E	E	E	E	E	E	E	E	E	X	X	X	X	X	X	E
Aluminum Nitrate	E	E	E	E	E	E	E	E	E	X	X	X	X	X	C	X
Aluminum Phosphate	E	E	E	E	E	E	E	E	E	X	X	X	X	X	X	E
Aluminum Salts	E	E	E	E	E	E	E	E	N	X	X	X	X	X	X	N
Aluminum Sulfate	G	E	E	E	E	E	E	E	E	X	X	X	X	X	X	E
Aminobenzene	N	N	N	N	N	N	N	N	N	E	E	E	E	E	E	G
Aminodimethylbenzene	N	N	N	N	N	N	N	N	N	E	E	E	E	E	E	N
Aminoethanol	G	N	N	G	E	N	G	E	E	E	E	E	E	E	E	E
Aminoethylethanolamine	N	N	N	N	N	E	N	G	G	E	E	E	E	E	E	E
Ammonia, Anhydrous	E	C	E	G	E	G	E	E	E	E	C	E	G	E	E	E
Ammonia Cupric Sulfate	X	N	N	E	E	E	E	E	E	X	N	N	E	E	E	E
Ammonia, Liquid	G	G	E	E	E	E	E	E	E	G	G	E	E	E	E	E
Ammonia, in Water	G	G	G	G	G	G	E	E	E	G	G	G	E	E	E	E
Ammonium Acetate	E	E	G	E	E	E	E	E	E	E	E	E	E	E	E	E
Ammonium Bicarbonate	E	N	N	N	N	N	N	N	N	E	N	N	N	N	N	N
Ammonium Bisulfate (50%)	N	N	N	N	G	N	G	N	G	N	N	N	N	N	N	N
Ammonium Carbonate	E	E	E	C	E	E	E	E	E	E	E	E	E	E	E	E
Ammonium Chloride	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Ammonium Fluoride	E	N	N	N	N	N	N	N	N	E	N	N	N	N	N	N
Ammonium Hydroxide	G	G	E	G	E	G	E	E	E	G	G	E	E	E	E	E
Ammonium Metaphosphate	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Ammonium Nitrate	G	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Ammonium Nitrite	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Ammonium Persulfate	E	X	E	X	E	E	E	E	E	E	X	E	X	E	G	E
Ammonium Phosphate	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Ammonium Sulfate	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Ammonium Sulfide	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Ammonium Sulfite	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Ammonium Thiocyanate	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Ammonium Thiosulfate	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Amyl Acetate	C	X	X	X	G	X	G	X	X	X	X	X	X	X	X	X
Amyl Acetone	X	X	X	X	G	X	G	X	E	X	X	X	X	X	X	E
Amyl Alcohol	E	E	E	E	E	N	N	N	N	E	E	E	E	E	E	E
Amylamine	C	G	X	C	G	C	X	E	E	C	X	C	X	E	E	E
Amylbenzene	X	X	G	G	X	N	X	G	G	X	X	X	X	X	X	G
Amyl Borate	X	X	C	E	E	C	X	E	E	X	X	X	X	X	X	E
Amyl Chloride	X	X	X	X	X	X	X	E	E	X	X	X	X	X	X	E
Amyl Chloronapthalene	X	X	X	G	X	X	X	E	E	X	X	X	X	X	X	E
Amyl Napthalene	X	X	X	X	X	X	X	E	E	X	X	X	X	X	X	E
Amyl Oleate	X	X	X	X	G	X	G	X	E	X	X	X	X	X	X	E
Amyl Phenol	X	X	X	X	X	X	X	E	N	X	X	X	X	X	X	E
Amyl Phthalate	X	N	N	X	X	N	N	E	N	X	N	X	X	X	X	E
Anethole	X	X	X	X	X	X	X	E	E	X	X	X	X	X	X	G
Anhydrous Ammonia	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Aniline	X	X	X	X	E	X	C	E	E	X	X	X	X	X	X	E
Aniline Dyes	C	C	C	C	G	C	G	E	E	C	C	C	C	X	G	E
Aniline Hydrochloride	E	C	X	C	C	X	G	E	E	E	C	X	C	X	G	E
Animal Fats	X	X	G	E	G	F	C	E	E	X	X	X	X	X	X	E
Animal Gelatin	N	N	E	E	N	N	N	E	E	E	E	E	E	E	E	E
Animal Grease	X	X	G	G	C	C	G	E	E	X	X	X	X	X	X	E
Animal Oils	X	X	X	E	G	X	C	E	E	X	X	X	X	X	X	E
Ansul Ether	X	X	X	C	C	X	C	E	E	X	X	X	X	X	X	E
Antifreeze (Ethylene Glycol)	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Antimony Trichloride	X	X	G	G	E	G	G	E	G	X	X	X	X	X	X	E
Ant Oil (Furfural)	X	X	G	X	X	G	X	E	N	X	X	X	X	X	X	E
Antimony Pentachloride	X	X	X	X	C	X	C	G	G	X	X	X	X	X	X	E
Antimony Salts	N	N	N	G	E	N	E	E	N	X	X	X	X	X	X	E
Aqua Ammonia	G	G	G	G	E	E	E	E	E	E	E	E	E	E	E	E
Aqua Regia	X	X	X	X	X	C	C	X	G	X	X	X	X	X	X	G

E - Excellent • G - Good • F - Fair • C - Acceptable • X - Unsatisfactory • N - No Data

CHEMICAL, OIL & SOLVENT RESISTANCE TABLE - RUBBER HOSE

	S N I C P L W								S N I C P L W										
	B C		B I		S D		P P		B C		B I		S D		P P				
	R R	R R	R R	R R	R R	M M	M M	E E	R R	R R	R R	R R	M M	M M	E E	E E			
Argon	X	X	X	C	G	X	E	N	N	X	X	X	X	C	X	X	X		
Arguad	E	E	E	E	E	E	E	E	E	X	X	G	C	C	E	C	E	E	
Aromatic Hydrocarbons	X	X	X	C	X	X	X	E	E	X	X	X	X	X	X	X	C	C	
Aromatic Tar	X	N	N	X	X	X	X	E	E	X	X	N	N	X	X	X	X	X	
Arsenic Acid	E	E	E	E	E	E	E	E	E	X	X	X	X	X	X	X	X	X	
Arsenic Chloride	X	X	E	C	X	X	G	X	X	X	N	N	N	X	N	X	N	E	
Arsenic Trichloride	X	X	E	C	X	X	G	X	X	N	N	N	N	N	N	N	N	E	
Asphalt	X	X	G	E	X	X	G	G	G	X	X	G	E	X	X	X	E	E	
ASTM Fuel A	X	X	E	E	X	G	X	N	N	X	X	F	X	X	C	X	F	F	
ASTM Fuel B	X	X	X	E	X	X	X	N	N	X	X	N	N	N	N	N	E	G	
ASTM Fuel C	X	X	X	G	X	X	X	N	N	X	X	E	E	E	G	X	E	N	
ASTM Oil No. 1	X	X	E	E	X	G	X	E	E	X	X	E	E	E	N	N	N	N	
ASTM Oil No. 2	X	X	G	E	X	F	X	E	E	X	X	E	E	E	E	E	E	E	
ASTM Oil No. 3	X	X	G	E	X	F	X	E	E	X	X	X	X	X	X	X	G	N	
ASTM Oil No. 4	X	X	X	G	X	X	X	N	N	X	X	X	X	X	X	X	G	N	
Automatic Trans. Fluid	X	X	G	E	X	C	X	N	N	X	X	X	X	G	X	C	G	G	
Aviation Gasoline	X	X	C	E	X	X	X	E	E	X	X	N	X	X	N	E	E	E	
Baltic Types 100, 150, 200, 300, 500	N	N	N	E	X	N	X	E	N	X	X	X	X	X	X	X	G	G	
Bardol B	X	X	X	X	X	X	X	E	N	X	X	E	E	E	E	E	E	E	
Barium Carbonate	E	E	E	E	E	E	E	E	E	X	X	X	X	X	X	X	E	E	
Barium Chloride	E	E	E	E	E	E	E	E	E	X	X	X	X	X	X	X	E	E	
Barium Hydroxide	E	E	E	E	E	E	E	E	E	X	X	X	X	X	X	X	E	E	
Barium Sulfate	E	E	E	E	E	E	E	E	E	X	X	X	X	X	X	X	E	E	
Barium Sulfide	E	E	E	E	E	E	E	E	E	X	X	X	X	X	X	X	G	G	
BBP (Butyl Benzyl Phthalate)	X	N	N	X	E	X	N	N	N	X	X	X	X	X	X	X	G	G	
Beer	E	E	G	C	E	E	G	N	N	X	X	G	G	E	E	E	E	E	
Beet Sugar Liquors	E	E	E	E	E	E	E	E	E	X	X	G	G	E	G	E	E	E	
Bellows 80-20 Hydraulic Oil	N	N	N	E	X	N	X	E	N	X	X	X	X	C	X	C	G	G	
Benzaldehyde	X	N	N	X	G	X	G	E	E	X	X	G	G	C	G	C	E	E	
Benzal Chloride	N	N	N	X	G	N	N	E	E	X	X	G	G	C	G	C	E	E	
Benzene (Benzol)	X	X	X	X	X	X	X	E	G	X	X	G	G	C	G	C	E	E	
Benzene Sulfonic Acid	X	X	X	N	G	X	N	E	E	X	X	X	X	C	X	X	E	E	
Benzidine	E	X	X	G	X	N	X	G	N	X	X	X	X	C	G	C	E	E	
Benzine	X	X	G	E	X	X	X	E	E	X	X	X	X	N	N	N	N	N	
Benzene Solvent (Ligroin)	X	N	N	E	X	X	X	E	E	X	X	N	X	X	N	X	E	N	
Benzoic Acid	G	X	E	X	E	G	G	E	E	X	X	X	X	G	X	G	E	E	
Benzoic Aldehyde	X	X	X	X	X	X	X	E	E	X	X	X	X	G	X	G	E	E	
Benzophenone	E	N	N	N	N	N	N	E	N	X	X	X	X	C	X	C	E	E	
Benzotrchloride	X	X	X	X	X	X	X	G	G	X	X	X	X	G	C	X	C	E	E
Benzoyl Chloride	X	X	X	X	X	X	X	G	G	X	X	X	X	G	C	X	C	E	E
Benzyl Acetate	X	X	X	X	G	G	G	E	E	X	X	X	X	G	X	X	E	E	
Benzyl Alcohol	G	G	C	X	G	F	G	E	E	X	X	X	X	G	X	G	E	E	
Benzyl Benzoate	N	N	N	N	G	N	G	E	N	X	X	X	X	C	C	G	C	E	E
Benzyl Chloride	X	X	X	X	C	X	X	E	E	X	X	X	X	G	N	N	N	N	
Bichromate of Soda (Sodium Dichromate)	X	X	G	X	E	G	C	E	E	X	X	X	X	E	X	E	E	E	
Bismuth Carbonate	E	N	X	N	N	N	N	N	N	X	X	X	X	E	X	E	E	E	
Bisphenol A	E	N	N	N	N	N	N	N	N	X	X	X	X	E	E	N	N	N	
Bitumastic	X	X	G	G	X	X	X	N	X	X	X	X	X	E	E	E	E	E	
Black Sulfate Liquor	G	G	E	G	E	G	E	E	E	X	X	X	X	E	E	E	N	N	
Blast Furnace Gas	X	X	G	C	C	G	C	E	E	X	X	X	X	G	E	C	E	E	
Bleach	X	X	C	X	X	F	G	E	E	X	X	X	X	E	E	E	E	E	
Borax Solution	G	G	E	C	E	E	E	E	E	X	X	X	X	E	E	E	E	E	
Bordeaux Mixture	G	G	E	E	E	E	E	E	E	X	X	X	X	E	E	E	E	E	
Boric Acid	E	E	E	E	E	E	E	E	E	X	X	X	X	E	E	E	E	E	
Brake Fluid (HD-557)	N	E	G	C	G	G	E	N	N	X	X	X	X	E	E	E	E	E	
Brine	E	E	E	E	E	E	E	E	E	X	X	X	X	E	E	E	E	E	
Bromine	X	X	X	X	X	C	X	X	X	X	X	X	X	C	X	X	X	X	
Bromine Water	X	X	G	C	C	E	C	E	E	X	X	G	C	C	E	C	E	E	
Bromobenzene	X	X	X	X	X	X	X	C	C	X	X	X	X	X	X	X	C	C	
Bromochloroethane	X	X	N	N	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Bromochloromethane	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Bromotoluene	X	X	N	N	N	X	G	X	X	X	N	N	N	X	N	X	N	E	
Bubble Bath Compounds	N	N	N	N	N	N	N	N	N	X	X	X	X	N	N	N	N	E	
Bunker Oil	X	X	G	E	X	X	G	G	G	X	X	X	X	X	X	X	E	E	
Butadiene	X	X	F	X	X	C	X	F	F	X	X	F	X	X	C	X	F	F	
Butanediol (Butylene Glycol)	N	N	N	N	N	N	N	N	N	X	X	N	N	N	N	E	G	G	
Butane	X	X	E	E	E	G	X	E	N	X	X	E	E	E	G	X	E	N	
Butanoic Acid	N	N	N	N	N	N	N	N	N	X	X	N	N	N	N	N	N	N	
Butanol	E	E	E	E	E	E	E	E	E	X	X	X	X	X	X	X	G	N	
Butraldehyde (Butanal)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	G	N	
Butter (Non FDA)	C	C	G	E	E	E	E	G	E	X	X	X	X	E	G	E	E	E	
Butyl Acetate	X	X	X	X	G	X	C	G	G	X	X	X	X	G	X	C	G	G	
Butyl Acetoacetate	X	N	N	X	X	X	N	E	E	X	X	N	X	X	N	E	E	E	
Butyl Acrylate	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	G	G	
Butyl Alcohol	E	E	E	E	E	E	E	E	E	X	X	X	X	X	X	X	E	E	
Butyl Aldehyde	X	N	N	X	X	X	X	X	X	X	X	X	X	X	X	X	E	E	
Butylamine	G	C	X	C	C	C	C	C	E	X	X	X	X	X	X	X	E	E	
Butyl Benzene	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	E	E	
Butyl Benzyl Phthalate (BBP)	X	N	N	X	E	X	N	N	N	X	X	X	X	X	X	N	N	N	
Butyl Bromide	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	G	G	
Butyl Butyrate	X	X	X	X	C	X	G	G	G	X	X	X	X	C	X	G	G	G	
Butyl Carbitol	X	X	G	G	E	E	E	E	E	X	X	G	G	E	E	E	E	E	
Butyl Cellosolve	X	X	G	G	E	G	E	E	E	X	X	G	G	E	G	E	E	E	
Butyl Chloride	X	X	X	X	C	X	C	G	G	X	X	X	X	C	X	C	G	G	
Butylate	N	N	N	N	N	N	N	E	N	X	X	X	X	N	N	N	N	N	
Butylene	X	X	G	G	C	G	C	E	E	X	X	X	X	C	G	C	E	E	
Butyl Ether	X	X	G	G	C	G	C	E	E	X	X	X	X	C	G	C	E	E	
Butyl Ethyl Acetaldehyde	X	X	X	X	C	X	X	E	E	X	X	X	X	C	X	X	E	E	
Butyl Ethyl Ether	X	X	X	X	C	G	C	E	E	X	X	X	X	C	G	C	E	E	
Butyl Formate	X	N	X	X	N	N	N	N	N	X	X	X	X	N	N	N	N	N	
Butyl Mercaptan (2-Methyl - 2 Butanathiol)	X	X	N	X	X	N	X	E	N	X	X	X	X	N	X	E	N	N	
Butyl Oleate	X	X	X	X	G	X	G	E	E	X	X	X	X	G	X	G	E	E	
Butyl "Oxiol" tm for EG Monobutyl Ether	N	N	N	N	N	N	N	E	N	X	X	X	X	N	N	N	N	N	
Butyl Phthalate	X	X	X	X	C	X	C	E	E	X	X	X	X	C	X	C	E	E	
Butyl Stearate	X	X	X	G	C	X	C	E	E	X	X	X	X	G	C	X	C	E	E
Butylene Glycol	N	N	N	N	N	N	N	N	N	X	X	X	X	N	N	N	E	G	
Butyraldehyde	X	N	N	X	G	X	X	E	E	X	X	X	X	G	X	X	E	E	
Butyric Acid	G	G	X	N	G	X	G	E	E	X	X	X	X	N	G	X	G	E	E
Butyric Anhydride	C	X	X	C	C	G	C	E	E	X	X	X	X	C	C	G	C	E	E
Cadmium Acetate	X	N	N	X	G	N	N	N	N	X	X	X	X	G	N	N	N	N	
Calcine Liquor (Radioactive Waste)	N	N	N	E	E	N	E	E	N	X	X	X	X	E	E	N	N	N	
Calcium Acetate	C	X	X	X	E	X	E	E	E	X	X	X	X	E	X	E	E	E	
Calcium Aluminate	E	N	E	E	E	E	N	N	N	X	X	X	X	E	E	N	N	N	
Calcium Aresenate	N	N	N	N	N	N	N	N	N	X	X	X	X	E	E	N	N	N	
Calcium Bisulfate	E	E	E	E	E	E	E	E	E	X	X	X	X	E	E	E	E	E	
Calcium Bisulfide	G	G	E	E	E	E	N	E	N	X	X	X	X	E	E	N	E	N	
Calcium Bisulfite	C	E	E	E	G	E	C	E	E	X	X	X	X	E	E	C	E	E	
Calcium Bromide Solution	N	N	N	N	N	N	N	E	E	X	X	X	X	N	N	N	E	E	
Calcium Bichromate	N	N	N	N	E	F	N	G	F	X	X	X	X	E	E	E	E	E	
Calcium Carbonate	E	E	E	E	E	E	E	E	E	X	X	X	X	E	E	E	E	E	
Calcium Chlorate	G	G	E	E	G	E	G	E	N	X	X	X	X	E	E	E	E	E	
Calcium Chloride	E	E	E	E	E	E	E	N	N	X	X	X	X	E	E	E	E	E	
Calcium Hydroxide	E	G	E	E	E	G	E	E	E	X	X	X	X	E	E	E	E	E	

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CHEMICAL, OIL & SOLVENT RESISTANCE TABLE - RUBBER HOSE

	S N I C P L W U N B C B I S D P M E X H R R R R R M M E P M										S N I C P L W U N B C B I S D P M E X H R R R R R M M E P M								
Calcium Hydrosulfide	G	G	E	E	E	E	N	E	N	Chloroform	X	X	X	X	X	X	X	G	G
Calcium Hypochlorite	X	X	X	X	G	F	G	G	G	Chloronaphthalene	X	X	X	X	X	X	X	N	N
Calcium Metasilicate	E	G	N	G	G	G	N	N	N	Chlorinated Hydrocarbons	X	X	X	X	X	X	X	G	G
Calcium Nitrate	E	E	E	E	E	E	E	E	E	Chloropentane	X	X	C	X	X	X	X	E	E
Calcium Silicate	E	G	N	G	G	G	N	N	N	Chlorophenol	X	X	X	X	X	X	X	G	G
Calcium Stearate	E	N	N	N	N	N	N	N	N	Chloropropanone	X	X	X	X	C	X	C	G	G
Calcium Sulfate	E	E	E	E	E	E	E	E	E	Chlorosulfonic Acid	X	X	X	X	X	X	X	G	G
Calcium Sulfhydrate	E	E	E	E	E	E	E	E	E	Chlorothene (Trichloroethane)	X	X	X	X	X	X	X	G	G
Calcium Sulfide	E	E	E	E	E	E	E	E	E	Chlorotoluene	X	X	X	X	X	X	X	G	G
Calcium Sulfite	E	E	E	E	E	E	E	E	E	Chlorox	G	G	G	N	G	G	N	G	E
Caliche Liquor	E	E	G	C	E	E	E	E	E	Chlorpyrifos	N	N	N	N	N	N	X	N	N
(Crude Sodium Nitrate)										Chrome Alum	E	E	E	E	E	E	E	N	N
Camphene (Liquid above 115° F)	N	N	N	N	N	X	X	N	N	Chrome Plating Solutions	X	X	X	X	X	X	G	N	N
Cane Sugar Liquors (Non F.D.A.)	E	E	E	E	E	E	E	E	E	Chromic Acid	X	X	X	X	X	E	C	E	E
Caproic Acid	N	N	N	N	N	N	G	E	E	Citgo FR Fuels	N	N	X	E	E	N	N	E	N
Caprolactam	E	N	N	N	N	N	N	N	N	Citric Acid	E	E	G	G	E	E	E	E	E
Caprylic Acid	X	N	N	X	G	G	N	E	E	Coal Oil	X	X	G	E	X	X	X	E	E
Carbamates	X	X	X	X	X	X	X	E	N	Coal Tar	X	X	G	E	X	G	G	E	E
Carbitol	X	X	G	G	E	G	G	E	E	Coal Tar Naptha	X	X	F	E	X	X	X	E	E
Carbitol Acetate	X	X	X	X	G	X	G	E	E	Coal Tar Pitch	X	X	G	G	X	G	X	N	N
Carbolic Acid (Phenol)	X	X	C	X	G	C	C	E	E	Cobalt Chloride	E	E	E	E	E	E	E	E	E
Carbon Bisulfide	N	N	N	N	N	N	N	N	N	Coconut Oil	X	X	G	E	G	G	C	E	E
(See Carbon Disulfide)										Cod Liver Oil	X	X	G	E	E	G	E	E	E
Carbon Dioxide	E	E	E	E	E	E	E	E	E	Coke Oven Gas	X	X	X	X	F	X	X	E	E
Carbon Disulfide	X	X	X	X	X	X	X	E	C	Copper Arsenate	E	E	E	E	E	E	E	E	E
Carbonic Acid	E	E	E	E	E	E	E	E	E	Copper Chloride	E	E	E	E	E	E	E	E	E
Carbon Monoxide	E	E	E	E	E	E	E	E	E	Copper Cyanide	E	E	E	E	E	E	E	E	E
Carbon Tetrachloride	X	X	X	C	G	X	G	C	C	Copper Hydrate	X	N	N	G	E	G	N	E	E
Carbon Tetrafluoride	X	X	X	C	X	X	X	C	C	Copper Hydroxide	F	G	N	N	E	G	N	E	E
Carbonyl Chloride	X	X	X	X	E	X	X	X	X	Copper Nitrate	E	E	E	E	E	E	E	E	E
Casein	N	N	N	N	E	N	N	N	N	Copper Nitrite	E	E	E	E	E	E	E	E	E
Castor Oil	C	X	G	E	G	C	G	E	E	Copper Sulphate	F	E	E	E	E	E	E	E	E
Caustic Potash	E	G	G	E	E	E	E	E	E	Copper Sulphide	C	E	E	E	E	E	E	E	E
(Potassium Hydroxide)										Corn Oil	X	X	C	E	E	G	C	E	E
Caustic Soda	E	G	G	G	E	G	E	E	E	Corn Syrup	G	G	G	G	G	G	G	E	N
(Sodium Hydroxide)										Cottonseed Oil	X	X	C	C	C	G	C	C	G
Cellosize	X	N	N	X	E	E	E	E	E	Creosols	X	N	N	X	E	X	X	E	E
Cellsolve	X	X	E	G	G	G	G	E	E	Creosote	X	N	N	X	X	X	X	E	E
Cellulose Acetate	C	X	C	X	G	C	G	G	G	Creosote (Wood)	X	X	C	G	X	C	X	E	E
Cellulube	C	X	X	X	G	X	E	E	E	Creosote (Coal Tar)	X	X	C	G	X	C	X	E	E
Cement, Portland	N	N	N	N	E	N	N	N	E	Cresols	X	X	C	C	X	C	X	E	E
China Wood Oil (Tung Oil)	X	X	G	E	G	G	G	E	E	Cresylic Acid	X	X	C	C	X	C	X	E	E
Chlordane	N	N	X	X	N	X	X	E	N	Crotonaldehyde	X	X	X	X	E	X	C	E	E
Chlorinated Napthalene	X	X	X	X	X	X	N	N	N	Crotonic Acid	X	X	N	G	E	N	G	E	E
Chlorinated Solvents	X	X	N	N	X	X	X	X	X	Crude Oil	X	X	F	E	X	X	X	E	E
Chlorine Dioxide	X	X	X	X	X	C	X	G	G	Crude Wax	N	N	N	G	G	N	N	G	N
Chlorine Gas (Dry)	C	C	X	C	C	G	C	G	G	Cyrolite	X	X	G	E	X	X	X	N	N
Chlorine Trifluoride	N	N	N	N	N	N	X	N	N	Cumene	X	X	X	C	C	X	X	E	E
Chlorine, Water Solutions (2%)	C	X	X	X	C	G	C	E	E	Cupric Arsenate	G	G	N	N	N	G	N	E	N
Chloroacetic Acid	G	X	X	X	C	X	C	E	E	Cupric Carbonate	C	C	G	G	E	G	E	E	E
Chloroacetone	X	X	X	X	G	G	X	E	E	Cupric Chloride	C	C	G	E	E	E	E	E	E
Chlorobenzene	X	X	X	X	X	X	X	G	G	Cupric Cyanide	G	G	G	G	G	G	G	E	N
Chlorobenzol	X	N	N	X	X	X	X	E	E	Cupric Hydroxide	N	N	N	N	N	N	N	N	N
Chlorobromomethane	X	X	X	X	X	X	X	G	X	Cupric Nitrate	C	C	G	E	E	E	E	E	E
Chlorobutane	X	X	X	X	X	X	X	G	G	Cupric Nitrite	C	C	G	E	E	E	E	E	E
Chlorobutadiene	X	X	X	X	X	X	X	G	G	Cupric Sulfate	F	E	G	E	E	E	E	E	E
Chloroethylbenzene	X	X	X	X	X	X	X	E	E										

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CHEMICAL, OIL & SOLVENT RESISTANCE TABLE - RUBBER HOSE

	S N I C P L W									S N I C P L W									
	N	B	C	B	I	S	D	P	P	N	B	C	B	I	S	D	P	P	
	R	R	R	R	R	M	M	E	E	R	R	R	R	R	M	M	E	E	
Cutting Oil	X	X	G	E	X	X	X	G	N	Dichloroisopropyl Ether	X	X	X	X	X	X	X	E	E
Cutting Oil (Sulfur Base)	N	N	X	E	N	N	N	N	N	Dichloromethane	X	X	X	X	X	X	X	E	E
Cutting Oil (Water Solutions)	N	N	X	E	N	N	N	N	N	Dichloropentane	X	X	X	X	X	X	X	E	E
Cyanide, Copper	G	G	G	G	G	G	G	E	N	Dichloropropane	X	X	N	N	X	X	N	E	E
Cyanide Mercuric	G	G	E	G	G	E	G	E	N	Dichlorotoluene	N	N	N	N	N	N	N	N	N
Cyanide, Silver	N	N	E	N	N	N	N	E	N	Dicyclohexylamine	N	N	N	N	N	N	N	N	N
Cyanide, Sodium	E	E	E	E	E	E	E	E	N	DIDA (Diisodecyl Adipate)	X	N	N	X	E	X	N	N	N
Cyclohexane	X	X	X	G	X	X	X	E	E	Dieldrin Xylene	X	X	X	X	X	X	X	E	E
Cyclohexanol	X	X	G	C	X	X	X	E	E	Dieidrin in Xylene	X	X	G	G	X	X	X	E	E
Cyclohexanone	X	X	X	X	X	X	X	E	E	And Water Spray									
Cyclohexylamine	N	X	N	N	E	N	E	N	N	Diesel Fuel	X	X	G	E	X	X	X	E	E
Cyclopentane	X	X	G	G	X	X	X	E	E	Diesel Oil	X	X	G	E	X	C	X	E	E
Cyclopentanol	X	X	N	N	X	X	N	E	E	Diethanol Amine	G	G	G	G	E	F	F	E	E
Cyclopentanone	X	N	N	X	X	X	N	N	N	Diethyl Benzene	X	X	X	X	X	X	X	E	E
P-Cymene	X	X	X	C	X	X	X	E	E	Diethyl Carbonal	E	N	N	E	E	E	N	E	E
DDT in Kerosene	X	X	G	E	F	X	X	E	E	Diethyl Ether	X	X	C	G	X	X	X	E	E
Decaline	X	X	X	X	X	X	X	E	E	Diethyl Ketone	F	X	N	N	G	X	N	E	E
Decanal	X	N	N	X	X	X	N	N	N	Diethylphthalate	X	X	X	X	E	X	G	E	E
Decanol	X	N	X	E	X	G	N	N	N	Diethyl Oxalate	C	X	X	X	C	X	E	E	E
Decane	X	X	X	G	X	X	X	E	E	Diethyl Sebacate	X	X	X	X	E	X	C	E	E
Decyl Alcohol	X	N	N	E	E	E	E	E	E	Diethyl Sulfate	X	X	X	X	G	X	G	E	E
Decyl Aldehyde	X	N	N	X	X	X	N	N	N	Diethyl Sulfide	N	N	N	N	N	N	N	E	N
Decyl Butyl Phthalate	X	N	N	X	E	X	N	E	E	Diethyl Triamine	G	C	G	G	E	C	G	E	E
Deicing Fluid	N	N	E	E	E	G	E	E	E	Diethylacetaldehyde	N	N	N	N	N	N	N	E	N
Denatured Alcohol	E	E	E	E	E	E	E	E	E	Diethylamine	N	N	N	N	N	N	N	N	G
Detergent, Water Solutions	G	G	G	E	G	G	E	E	E	Diethylene Dioxide	X	X	X	X	G	X	G	E	N
Developing Fluid (pictures)	E	G	E	E	E	E	G	N	N	Diethylene Glycol	E	E	E	E	E	E	E	E	E
Dextrin	N	N	E	E	X	N	X	X	N	Diethylene Glycol Methyl Ether	N	N	N	N	N	N	E	E	N
Dextron	N	N	N	E	X	N	X	X	N	Diethylene Glycol Monobutyl Ether	N	N	N	N	N	N	E	E	N
DHSO Butylene	X	X	X	G	X	X	X	E	N	Diethylene Glycol Monobutyl Ether Acetate	N	N	N	N	N	N	E	E	N
Diacetone Alcohol	X	X	G	X	E	G	G	E	E	Diethylenetriamine	G	G	C	G	E	C	E	E	E
Diammonium Phosphate	N	N	N	N	N	N	N	N	N	Dihydroxyacetone	N	N	N	N	N	N	E	E	N
Diamylamine	G	C	E	G	E	C	C	E	E	Dihydroxydiethyl Ether	E	E	E	E	E	N	E	E	E
Diamyl Naphthalene	X	X	N	N	X	X	N	E	N	Dihydroxyethyl Amine	G	C	G	G	E	C	G	E	E
Diamyl Phenol	X	N	N	X	X	X	X	E	E	Dihydroxyethyl Ether	E	E	G	E	E	E	G	E	E
Diamylene	X	N	N	X	X	X	N	E	E	Diisobutylene	X	X	G	E	X	X	X	E	E
Diazonin	E	E	N	N	N	N	E	N	N	Diisobutyl Ketone	X	X	X	X	G	X	G	E	E
Dibenzyl Ether	X	X	X	X	G	X	X	E	E	Diisobutyl Phenol	E	N	N	N	N	N	N	N	N
Dibenzyl Sebacate	C	X	X	X	G	X	G	E	E	Diisocyanate	X	X	X	X	X	X	X	X	X
Dibromobenzene	X	X	X	X	X	X	X	G	G	Diisooctyl Phthalate	X	N	N	X	E	X	E	N	N
Dibromomethane	X	X	X	X	X	X	X	G	G	Diisooctyl Adipate	X	N	N	X	E	X	N	E	E
Dibutyl Ether	X	X	X	X	X	X	C	E	E	Diisodecyl Adipate	X	X	E	X	X	C	E	E	E
Dibutylamine	G	F	G	E	F	F	G	E	E	Diisodecyl Phthalate	X	X	X	X	E	C	E	E	E
Dybutylphthalate	X	X	X	X	G	X	E	E	E	Diisooctyl Adipate	X	X	X	X	E	X	E	E	E
Dibutyl Sebacate	X	X	X	X	G	X	G	G	G	Diisooctyl Phthalate	X	X	X	X	E	C	E	E	E
Dicalcium Phosphate	E	E	E	E	E	E	E	E	E	Diisopropanolamine	G	N	N	G	E	N	N	N	N
Dicamba	N	N	N	N	N	N	E	E	E	Diisopropyl Benzene	X	X	X	C	X	X	X	E	E
Dichloroacetic Acid	X	N	N	X	X	X	X	E	E	Diisopropyl Ether	X	X	X	G	X	X	X	E	E
Dichloroaniline	N	X	X	X	X	N	X	N	N	Diisopropyl Ketone	X	X	X	X	E	X	E	E	E
Dichlorobenzene	X	X	X	X	X	X	X	G	G	Diisopropylidene Acetone	X	X	X	X	G	X	G	E	N
Dichlorobenzyl	X	X	X	X	X	X	X	G	N	Dilauryl Ether	X	X	X	C	X	C	X	E	E
Dichlorobutane	X	X	X	X	X	X	X	E	E	Dimethyl Aniline	X	X	X	X	G	X	X	E	N
Dichlorodifluorometh	X	X	E	G	X	X	X	E	E	Dimethyl Benzene	X	N	N	X	X	X	X	E	E
Dichloroethane	X	X	X	X	C	X	X	E	C	Dimethyl Carbonal	E	N	N	E	E	E	E	E	E
Dichloroethyl Ether	X	X	X	X	X	X	X	E	E	Dimethyl Ether	X	X	X	X	G	X	E	E	E
Dichloroethylene	X	X	X	X	C	X	X	E	X	Dimethyl Formamide	N	N	N	N	N	N	G	E	N
Dichlorohexane	X	X	X	X	X	X	X	E	E	Dimethyl Ketone	G	F	F	X	E	F	E	E	E

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CHEMICAL, OIL & SOLVENT RESISTANCE TABLE - RUBBER HOSE

	S N I C P L W										S N I C P L W																
	N B		C B		I S		P D		L P		W P		N B		C B		I S		P D		L P		W P				
	R	R	R	R	R	R	M	M	E	E	R	R	R	R	R	M	M	E	E	R	R	R	R	R	M	M	E
Dimethyl Phenol	X	N	N	X	X	X	X	E	E	Ethyl Aldehyde	F	N	N	N	E	E	N	E	E	E	E						
Dimethyl Phthalate	X	X	X	X	E	X	G	E	E	Ethyl Aluminum Dichloride 90°F	X	N	N	X	X	X	N	N	N	N	N						
Dimethyl Sulfate	X	X	X	X	G	X	X	E	E	Ethyl Benzene	X	X	X	F	X	X	X	G	G	G	G						
Dimethyl Sulfide	X	X	X	X	C	X	X	G	G	Ethyl Benzoate	X	X	C	G	G	C	G	E	E	E	E						
Dimethyl Terephthalate	N	X	X	X	X	N	N	N	N	Ethyl Bromide	X	X	X	X	X	X	X	G	E	N	N						
Dimethylamine	G	F	G	G	E	F	E	E	E	Ethyl Butanol	E	E	E	E	E	E	E	E	E	E	E						
Dimethylaminoethanol	N	N	N	N	N	N	G	E	N	Ethyl Butyrate	X	X	X	X	G	N	N	E	N	N	N						
Dimethylaniline	X	X	X	X	X	X	C	G	G	Ethyl Butyl Acetate	X	N	N	X	E	G	N	E	E	E	E						
Dimethylbenzene	X	X	X	X	X	X	X	E	E	Ethyl Butyl Alcohol	E	E	E	E	E	E	E	E	E	E	E						
Dimethylcarbinol	G	G	G	E	E	G	E	E	E	Ethyl Butyl Amine	G	C	G	G	E	C	G	E	E	E	E						
Dimethylformamide (DMF)	C	C	C	X	C	C	C	E	E	Ethyl Butyl Ketone	X	X	X	X	G	X	G	E	E	E	E						
DMP (Dimethylaminoethyl Phenol)	N	N	N	N	N	N	N	E	N	Ethyl Butyraldehyde	X	N	N	X	G	X	N	E	E	E	E						
Dinitrobenzene	X	X	C	X	C	X	C	E	E	Ethyl Cellulose	G	G	G	G	G	G	G	E	E	E	E						
Dinitrotoluene	X	X	X	X	X	X	X	E	E	Ethyl Chloride	F	F	F	F	X	X	E	G	E	G	G						
Diethyl Adipate (DOA)	X	X	X	X	E	X	G	E	E	Ethyl Chloroformate	N	N	N	X	N	N	X	G	G	G	G						
Diethylamine	G	G	X	G	E	C	G	E	E	Ethyl Dichloride	X	X	X	X	X	X	X	G	G	G	G						
Diethyl Phosphite	N	N	N	N	N	N	X	E	N	Ethylene	X	X	G	E	X	C	X	E	E	E	E						
Diethyl Phthalate (DOP)	X	X	X	X	G	X	G	E	E	Ethyl Ether	X	X	X	C	C	X	X	E	E	E	E						
Diethyl Sebacate (DOS)	X	X	X	X	G	X	G	E	E	Ethyl Ether Acetate	N	N	N	X	N	N	G	E	N	N	N						
Dioxane	X	X	X	X	G	X	G	E	E	Ethyl Formate	X	N	N	X	G	X	G	E	E	E	E						
Dioxolane	X	X	X	X	C	X	G	E	E	Ethyl Hexoic Acid	X	N	N	X	X	G	N	E	E	E	E						
Dipentene	X	X	N	X	N	N	X	G	N	Ethyl Hexyl Acetate	X	N	N	X	E	G	N	E	E	E	E						
Dipentene (Limonene)	X	X	X	X	C	X	X	E	E	Ethyl Iodine	X	N	X	X	X	X	X	N	N	N	N						
Diphenyl (Biphenyl)	X	X	X	X	X	X	X	E	E	Ethyl Isobutyl Ether	X	N	N	G	X	G	X	E	E	E	E						
Diphenyl Oxide (Phenyl Ether)	X	X	X	X	X	C	X	E	E	Ethyl Isobutyrate	X	N	X	X	X	N	X	E	N	N	N						
Diphenyl Phthalate	X	N	N	X	E	X	N	E	E	Ethyl Mercaptan	X	X	X	X	X	X	X	E	N	N	N						
Dipropylene Glycol	E	N	N	E	E	N	N	E	E	Ethyl Pentachlorobenzene	X	X	X	X	X	X	X	E	N	N	N						
Dipropyl Ketone	X	X	X	X	G	X	G	E	E	Ethyl Phthalate	X	X	N	X	G	N	N	E	N	N	N						
Dipropylamine	G	G	G	G	E	C	E	E	E	Ethyl Propionate	X	N	X	X	X	N	X	N	N	N	N						
Dirco Oils	N	N	N	E	X	N	X	E	N	Ethyl Silicate	G	G	E	E	N	N	G	E	N	N	N						
Disodium Phosphate	E	E	E	E	E	E	E	E	E	Ethylamine	F	F	N	N	G	F	N	N	E	E	E						
Distillate Fuel Oil	N	N	N	N	N	N	X	G	N	Ethylbutanol	N	N	E	E	E	G	E	N	E	E	E						
Divinyl Benzene	X	X	X	X	X	X	X	E	E	Ethylene Bromide	X	X	X	X	X	X	X	G	G	G	G						
Dodecyl Benzene	X	X	X	X	X	X	X	E	E	Ethylene Chloride	X	X	X	X	X	X	X	G	G	G	G						
Dodecylphenol	N	N	N	N	N	N	E	E	N	Ethylene Chlorohydrin	N	N	X	X	G	N	X	E	N	N	N						
Dodecyl Toluene	X	X	X	X	X	X	X	E	E	Ethylene Diamine	G	G	E	E	E	F	E	E	E	E	E						
Dolomite	N	N	E	N	N	E	G	N	N	Ethylene Dibromide	X	X	X	X	X	X	X	G	F	F	F						
Dowfume W 40, 100%	X	X	C	X	X	C	C	G	G	Ethylene Dichloride	X	X	X	X	X	X	X	G	G	G	G						
Dow-Per (perchloroethylene)	X	X	X	C	X	X	X	E	E	Ethylene Glycol	E	E	E	E	E	E	E	E	E	E	E						
Dowtherm Oil, A and E	X	X	X	X	X	C	X	E	E	Ethylene Glycol Monoethylether	N	N	N	N	N	N	E	E	E	E	E						
Dowtherm S. R. I.	E	E	E	E	E	E	E	E	E	Ethylene Glycol Monoethylether Acetate	N	N	N	N	N	N	E	E	N	N	N						
Dry Cleaning Fluids	X	X	X	C	X	X	X	E	G	Ethylene Glycol Monomethyl Ether	N	N	N	N	N	N	E	E	N	N	N						
Duro Oils	N	N	N	E	X	N	X	E	N	Ethylene Glycol N-Butyl Ether	N	N	N	N	N	N	E	E	N	N	N						
EDTA (Ethylenediaminetetraacetic Acid)	N	N	N	N	N	N	E	E	N	Ethylene Oxide	X	X	X	X	X	X	C	C	C	C	C						
Emulsion (Oil in Water)	N	N	N	N	N	N	E	E	E	Ethylenediaminetetraacetic Acid (EDTA)	N	N	N	N	N	N	E	E	N	N	N						
Enamels	N	N	N	N	N	N	X	E	N	Ethylene Trichloride (trichloroethylene)	X	X	X	X	C	X	X	G	G	G	G						
Epichlorohydrin	X	X	X	X	C	C	G	G	G	Ethyl Formate	X	X	X	X	G	X	C	E	E	E	E						
Epoxy Resin	N	N	E	N	G	N	E	N	N	Ethyl Hexanol	E	E	E	E	E	E	E	E	E	E	E						
Essential Oils	X	X	G	E	N	N	X	G	N	Ethyl Methyl Ketone	C	X	X	X	G	X	G	E	E	E	E						
Ethanoic Acid	N	N	N	N	N	N	N	N	N	Ethyl Oxalate	E	E	X	X	E	X	G	E	E	E	E						
Ethanol (Grain Alcohol)	X	X	X	X	X	X	X	N	G	Ethyl Propyl Ether	X	X	X	X	X	X	X	E	E	E	E						
Ethanolamine	G	G	G	G	E	C	E	C	E	Ethyl Propyl Ketone	X	X	X	X	G	X	G	E	E	E	E						
Ethers	X	X	X	X	F	F	C	E	E	Ethyl Sulfate	X	X	X	X	G	X	G	E	E	E	E						
Ethyl Acetate	X	X	X	X	G	X	C	E	E	Ethylhexanediol	N	N	N	N	N	N	G	E	N	N	N						
Ethyl Acetoacetate	X	X	X	X	G	X	G	E	E	Ethylhexoic Acid	N	N	N	N	N	N	G	E	N	N	N						
Ethyl Acrylate	X	X	X	X	C	X	X	G	G	Ethylhexyl Acetate	N	N	X	X	N	X	E	E	N	N	N						
Ethyl Alcohol	X	X	X	X	X	X	X	N	G	Ethylhexyl Acrylate	N	N	N	X	N	N	N	G	N	N	N						

CHEMICAL, OIL & SOLVENT RESISTANCE TABLE - RUBBER HOSE

	S N I C P L W										S N I C P L W									
	N	B	C	B	I	S	D	P	P	E	N	B	C	B	I	S	D	P	P	E
	R	R	R	R	R	M	M	E	E	E	R	R	R	R	R	M	M	E	E	E
Ethylhexyl Alcohol	E	E	E	N	E	N	E	E	E		Fuel C (ASTM)	X	X	C	G	X	X	X	G	G
Ethylhexyl Phosphorodieth EX. TRI (Trichloroethylene)	X	N	N	E	X	X	X	X	N		Fuel Oil	X	X	G	E	X	E	X	E	E
Fatty Acids	X	X	C	C	X	X	X	E	E		Fumaric Acid	E	E	G	E	X	G	X	E	E
Fatty Alcohol, Blend	E	E	E	E	E	N	E	E	E		Furan	X	X	X	X	C	X	C	E	E
Fatty Petroleum Alcohol	N	N	N	E	E	N	E	E	E		Furfural	X	X	C	X	G	G	G	E	E
Ferric Bromide	E	N	N	N	N	N	N	N	N		Furfuryl Alcohol	X	X	C	X	C	C	C	E	E
Ferric Chloride	E	E	E	E	E	E	E	E	E		Fyrguard 150, 200	N	N	N	E	E	N	E	E	N
Ferric Nitrate	N	N	G	G	G	G	G	E	N		Fyrquel 15R & O, 220 R&O, 550R&O	N	N	N	E	E	N	E	E	N
Ferric Sulfate	E	E	E	E	E	E	E	E	E		Fyrquel 90, 150, 220, 550, 1000	N	N	N	E	E	N	E	E	N
Ferrous Acetate	X	X	X	X	E	X	G	E	E		Gallic Acid	E	E	G	G	G	G	G	E	E
Ferrous Ammonium Sulfate	E	E	E	E	E	E	E	E	E		Gasohol	X	X	G	G	X	X	X	G	E
Ferrous Chloride	E	E	E	E	E	E	E	E	E		Gasoline (oxgenated-blended with MTBE)	X	X	G	G	X	X	X	G	E
Ferrous Hydroxide	G	C	E	G	E	G	E	E	E		Gasoline - Regular	X	X	E	E	X	C	X	E	E
Ferrous Nitrate	N	N	G	G	G	G	G	E	N		Gasoline - Hi-Test	X	X	G	E	X	X	X	E	E
Ferrous Sulfate	E	E	E	E	E	E	E	E	E		Gasoline - Lead Free	X	X	G	G	X	X	X	E	E
Fertilizer (Liquid Manure)	E	E	E	E	E	E	E	E	E		Gasoline (White)	X	X	G	G	X	X	X	G	N
Fire-Resistant Hydra-Fluid (Texaco)	N	N	N	E	X	N	X	E	N		Gas, Coal	N	N	N	N	N	N	N	N	N
Fish Oil	X	X	E	E	E	E	E	E	E		Gas, High Octane	X	X	G	E	X	X	X	E	E
Fluoroboric Acid	E	C	G	E	E	E	E	E	E		Gelatin	E	E	E	E	E	E	E	E	E
Fluorine	X	X	X	X	X	X	X	X	X		Glacial Acetic Acid	N	N	X	N	X	N	G	E	E
Fluosilicic Acid	E	C	G	E	E	E	E	E	E		Glauber's salt	E	E	N	N	N	N	E	N	N
Formaldehyde	C	C	G	G	E	C	G	E	E		Gluconic Acid	X	X	C	C	C	G	C	E	E
Formalin (37-50% HCHO w/15% MeOH)	X	X	G	G	G	G	E	E	N		Glucose	E	E	G	C	E	E	G	E	G
Formamide	E	E	E	E	E	E	E	E	E		Glue	E	E	E	E	E	E	E	E	E
Formic Acid	G	G	C	X	E	F	E	C	E		Glycerine (Glycerol)	E	E	E	E	E	E	E	E	E
FR Fluid D	N	N	N	E	X	N	X	E	N		Glycerol Monolaurate	N	N	N	N	E	N	E	E	E
Freon So 2	N	N	E	N	N	N	E	N	N		Glycol FR Fluids	N	N	N	E	E	N	E	N	N
Freon 11	X	X	G	E	X	E	X	E	E		Glycols	E	E	E	E	E	E	E	E	E
Freon 12	X	X	G	G	X	X	X	G	G		Glyphosate	N	N	N	N	N	N	E	N	E
Freon13	E	E	E	E	E	E	E	E	E		Graffinite	X	N	N	E	X	X	X	X	N
Freon 21	X	X	G	X	X	X	X	E	E		Graphite	E	N	N	N	N	N	N	E	E
Freon 22	X	X	X	E	E	X	E	E	E		Grease	X	X	X	X	F	X	E	G	E
Freon 31	G	G	E	X	E	G	E	E	E		Green Sulfate Liquor	E	E	G	E	E	E	E	E	E
Freon 32	E	E	E	E	E	E	E	E	E		Halium	E	E	E	E	E	E	E	N	N
Freon 112	X	X	G	G	X	G	X	E	E		Halowax Oil	X	X	X	X	X	X	X	E	E
Freon 113	C	G	E	E	X	E	X	E	E		Heptachlor in Petroleum Solvents	X	X	G	G	X	X	X	E	E
Freon 114	E	E	E	E	E	E	E	E	E		Heptachlor in Petroleum Solvents Water Spray	X	X	G	G	X	X	X	E	E
Freon 115	E	E	E	E	E	E	E	E	E		Heptanal (Heptaldehyde)	X	X	X	X	X	X	G	E	E
Freon 142b	E	E	E	E	E	E	E	E	E		Heptane	X	X	E	E	X	G	X	E	E
Freon 152b	E	E	E	E	E	C	E	E	E		Heptane Carboxylic Acid	X	N	N	X	X	G	N	E	E
Freon 218	E	E	E	E	E	E	E	E	E		Heptanol	E	E	E	E	E	E	E	E	E
Freon C316	E	E	E	E	E	E	E	E	E		Hexaldehyde	N	N	N	N	N	N	E	E	E
Freon C318	E	E	E	E	E	E	E	E	E		Hexane	X	X	E	E	X	F	X	E	E
Freon 1381	E	E	E	E	E	E	E	E	E		Hexanol	E	E	E	E	E	E	E	E	E
Freon 114B2	X	C	E	G	X	E	X	E	E		Hexene	X	X	G	G	X	G	X	E	E
Freon 502	E	E	E	G	E	E	E	E	E		Hexylamine	G	C	G	G	G	C	G	E	E
Freon TF	C	G	E	E	E	E	E	E	E		Hexylene	X	X	G	E	X	X	C	G	G
Freon T-WD602	C	G	G	E	E	G	G	E	E		Hexylene Glycol	E	E	E	E	E	E	E	E	E
Freon TMC	G	C	G	G	G	G	G	E	E		Hexyl Methyl Ketone	X	X	X	X	G	X	G	E	E
Freon T-P35	E	E	E	E	E	E	E	E	E		Hi-Tri (Trichloroethylene)	X	X	X	C	X	X	X	G	G
Freon TA	E	E	E	E	E	E	E	E	E		Honey	E	N	E	E	N	N	E	N	N
Freon TC	X	G	E	E	E	E	G	E	E		Houghto-Safe 1055, 1110, 1115, 1120, 1130	N	N	N	X	E	N	E	E	N
Freon BF	X	X	G	G	X	G	X	E	E		Houghto-Safe 271, 416, 520, 616 & 620	N	N	N	E	E	N	E	E	N
Freon MF	X	G	C	E	X	G	X	E	E		Houghto-Safe 5046	N	N	N	E	E	N	X	E	N
Fuel A (ASTM)	X	X	G	E	X	F	X	E	E		Houghto-Safe 625, 640, & 525 under 100°F	N	N	N	E	E	N	E	E	N
Fuel B (ASTM)	X	X	F	E	X	X	X	G	G		Hy-Chock Oil	N	N	N	E	N	N	N	E	N

E - Excellent • G - Good • F - Fair • C - Acceptable • X - Unsatisfactory • N - No Data

CHEMICAL, OIL & SOLVENT RESISTANCE TABLE - RUBBER HOSE

	U H M E X P L W S N I C P L W N B C B I S D P P R R R R R M M E E											U H M E X P L W S N I C P L W N B C B I S D P P R R R R R M M E E																		
Hydrafluid 760 (Texaco & Houghton)	N	N	N	E	X	N	X	E	N	Isobutylene	X	X	X	X	E	X	X	E	E	X	X	X	X	E	X	X	E	E		
Hydrafluid AZR&O, A, B, AA, C	N	N	N	E	X	N	X	E	N	Isobutyl Ether	X	X	X	X	X	X	X	X	E	E	X	X	X	X	X	X	X	X	E	E
Hydrasol A (Textile Drying)	N	N	N	E	X	N	X	E	N	Isocyanates	C	X	X	X	G	C	G	G	G	G	C	X	X	X	G	C	G	G	G	G
Hydraulic Fluid (Petroleum)	X	X	G	E	X	G	X	E	E	Isooctane	X	X	E	E	X	X	G	X	E	E	X	X	E	E	X	X	G	X	E	E
Hydraulic Fluid Phosphate Ester Based	X	X	X	X	E	X	E	E	E	Isooctyl Alcohol	N	N	N	N	N	N	N	E	E	E	N	N	N	N	N	N	N	E	E	E
Hydraulic Fluid Poly Alkylene Glycol Base	G	G	E	E	E	E	E	E	E	Isooctyl Thioglycolate	N	N	N	N	N	N	N	G	E	N	N	N	N	N	N	N	N	G	E	N
Hydraulic & Motor Oil	X	X	C	E	X	G	X	E	E	Isopentane	X	X	E	E	X	X	X	G	G	X	X	E	E	X	X	X	G	G		
Hydrazine	X	X	X	X	G	X	G	E	N	Isophorone	N	N	N	X	E	N	E	G	G	N	N	N	X	E	N	E	G	G		
Hydrazine Hydrate	X	X	X	X	G	X	G	E	N	Isopropyl Amine	G	X	E	C	G	C	G	E	E	G	X	E	C	G	C	G	E	E		
Hydrazine Solution	X	X	X	X	G	X	G	E	N	Isopropyl Acetate	X	X	X	X	E	C	G	E	E	X	X	X	X	E	C	G	E	E		
Hydrobromic Acid	E	X	X	F	E	G	E	E	E	Isopropyl Alcohol (Iso-propanol)	E	E	E	E	E	E	E	G	G	E	E	E	E	E	E	E	G	G		
Hydrochloric Acid 37%	E	X	X	X	F	X	X	E	E	Isopropyl Amine	G	X	E	C	G	C	G	E	E	G	X	E	C	G	C	G	E	E		
Hydrochloric Acid 50%	E	C	X	X	G	E	C	E	E	Isopropyl Benzene	X	X	X	X	X	X	X	X	G	G	X	X	X	X	X	X	X	X	G	G
Hydrochloric Acid 100%	G	C	X	X	C	G	C	E	E	Isopropyl Chloride	X	X	X	X	X	X	X	X	G	G	X	X	X	X	X	X	X	X	G	G
Hydrocyanic Acid	G	F	E	F	E	E	C	E	E	Isopropyl Ether	X	X	X	C	X	C	X	E	E	X	X	X	C	X	C	X	E	E		
Hydro-Drive Oil (Houghton)	N	N	N	E	X	N	X	N	N	Isopropyl Toluene	X	X	X	X	X	X	X	X	E	E	X	X	X	X	X	X	X	X	E	E
Hydrofluoric Acid	X	X	X	X	E	E	X	C	E	Jet Fuels	X	X	G	E	X	F	X	E	E	X	X	G	E	X	F	X	E	E		
Hydrogen Chloride Anhydrous	N	N	N	N	N	N	N	N	N	Kerosene	X	X	C	E	X	F	X	E	E	X	X	C	E	X	F	X	E	E		
Hydrogen Bromide Liquid	X	X	N	X	X	N	E	N	N	Ketchup	N	N	E	E	N	N	N	N	N	N	N	N	E	E	N	N	N	N	N	N
Hydrogen Dioxide 10%	X	X	N	N	F	N	N	N	G	Ketoglutaric Acid	N	N	N	N	N	N	G	E	E	N	N	N	N	N	N	G	E	E	E	
Hydrogen Fluoride	X	X	N	X	G	N	E	N	N	Ketones	G	G	X	X	G	X	E	E	E	G	G	X	X	G	X	E	E	E	E	
Hydrogen Gas	X	X	N	X	G	N	E	N	N	Lacquer	X	X	X	X	X	X	N	N	N	N	X	X	X	X	X	X	N	N	N	N
Hydrogen peroxide 3%	E	C	G	G	E	E	G	E	E	Lacquer Solvents	X	X	X	X	X	X	X	E	E	X	X	X	X	X	X	X	E	E	E	
Hydrogen Peroxide 10%	X	X	C	X	C	C	C	E	E	Lactic Acid - Cold	G	G	E	X	E	G	X	C	N	G	G	E	X	E	G	X	C	N	N	
Hydrogen Peroxide 30%	X	X	X	X	X	X	C	E	E	Lactic Acid - Hot	X	X	X	X	N	C	X	N	N	X	X	X	X	N	C	X	N	N	N	
Hydrogen Peroxide 90%	X	X	X	X	X	X	C	G	G	Lactol	N	N	G	G	N	N	N	E	N	N	N	G	G	N	N	N	E	N	N	
Hydrogen Sulfide	X	X	E	X	E	G	E	E	E	Lard	X	X	G	E	X	X	C	E	E	X	X	G	E	X	X	C	E	E	E	
Hydrolube	N	N	G	E	G	N	E	N	E	Lasso (Alachlor)	N	N	N	N	N	N	N	E	N	N	N	N	N	N	N	N	E	N	N	
Hydroquinine	G	G	X	X	G	C	G	E	E	Latex Paint	G	G	N	E	G	N	E	E	E	G	G	N	E	G	N	E	E	E	E	
Hydroxyacetic Acid Solution	N	N	N	N	N	N	G	E	E	Lauryl Alcohol	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
Hydroxyethyl Acrylate (HEA)	N	N	N	N	N	N	X	E	E	Lavender Oil	X	X	X	G	X	X	X	G	N	X	X	X	G	X	X	X	G	N	N	
Hydroxyethyl Acrylate Acid (HEA Acid)	N	N	N	N	N	N	X	E	E	Lead Acetate	X	X	G	G	E	X	G	E	E	X	X	G	G	E	X	G	E	E	E	
Hydroxypropyl Acrylate Acid	N	N	N	N	N	N	X	E	E	Lead Nitrate	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
Hylene	X	X	X	X	G	X	G	N	N	Lead Sulfamate	G	G	E	G	E	G	E	E	E	G	G	E	G	E	G	E	E	E	E	
Hypochlorous Acid	G	G	G	X	G	E	G	E	E	Lead Sulfate	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
Ink Oil (Linseed Oil Base)	X	X	G	G	G	G	G	E	E	Lead, Tetraethyl	X	X	X	G	X	X	X	G	N	X	X	X	G	X	X	X	G	N	N	
Insulating Oil	X	X	G	E	X	X	X	E	E	Lead, Tetramethyl	X	X	X	G	X	X	X	N	N	X	X	X	G	X	X	X	N	N	N	
Iodine	X	X	X	X	X	F	X	E	E	Lecithin	N	N	G	X	N	N	N	E	N	N	N	G	X	N	N	N	E	N	N	
Iron Acetate	X	X	X	X	E	X	G	E	E	Ligroin	X	X	E	E	E	X	X	E	E	X	X	E	E	E	X	X	E	E	E	
Iron Hydroxide	C	C	E	G	E	G	G	E	E	Lime	X	X	C	F	E	E	G	E	E	X	X	C	F	E	E	G	E	E	E	
Iron Salts	E	E	E	E	E	E	E	E	E	Lime, Chlorinated	G	G	X	G	G	X	G	E	E	G	G	X	G	G	X	G	E	E	E	
Iron Sulfate	E	E	E	E	E	E	E	E	E	Lime Sulphur Solution	X	X	E	X	X	G	G	E	E	X	X	E	X	X	G	G	E	E	E	
Iron Sulfide	E	E	E	E	E	E	E	E	E	Limonene	X	X	N	X	N	N	X	G	E	X	X	N	X	N	N	X	G	E	E	
Isoamyl Acetate	X	X	X	X	E	X	G	E	E	Lindol (Tricresyl Phosphate)	X	X	X	X	E	G	E	E	E	X	X	X	X	E	G	E	E	E	E	
Isoamyl Chloride	X	X	X	X	C	X	X	G	G	Linoleic Acid	X	X	X	X	X	X	X	N	N	X	X	X	X	X	X	X	N	N	N	
Isoamyl Ether	X	X	X	X	X	X	X	E	E	Linseed Oil	X	X	G	E	E	C	G	E	E	X	X	G	E	E	C	G	E	E	E	
Isoamyl Phthalate	X	X	X	X	E	X	G	E	E	Liquid Petroleum Gas	X	X	G	E	E	X	G	X	E	E	X	X	G	E	E	X	G	X	E	E
Isobutane	X	X	E	E	X	X	E	E	E	Liquid Soap	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
Isobutanol (Isobutyl Alcohol)	E	E	E	E	E	E	E	E	E	Liquified Natural Gas	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Isobutyl Acetate	X	X	X	X	E	X	G	E	E	Lubrication Oils	X	X	C	E	X	F	X	E	E	X	X	C	E	X	F	X	E	E	E	
Isobutyl Aldehyde	C	X	X	X	G	X	G	E	E	Lye Solution	G	G	G	E	E	E	E	E	G	G	G	G	E	E	E	E	E	G	G	
Isobutyl Amine	G	C	X	X	G	C	G	E	E	Machine Oil Under 135°F	X	X	E	E	X	G	X	E	N	X	X	E	E	X	G	X	E	N	N	
Isobutyl Bromide	X	X	X	X	X	X	X	G	G	Maganese Salts	X	X	N	E	N	E	N	E	N	X	X	N	E	N	E	N	E	N	N	
Isobutyl Carbinol	E	E	G	E	E	E	E	E	E	Magnesium Acetate	X	X	X	X	E	X	G	E	E	X	X	X	X	E	X	G	E	E	E	
Isobutyl Chloride	X	X	X	X	X	X	X	G	G	Magnesium Carbonate	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
										Magnesium Chloride	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
										Magnesium Chloride Brine	E	N	N	E	N	N	E	E	E	E	N	N	E	N	N	E	E	E	E	

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CHEMICAL, OIL & SOLVENT RESISTANCE TABLE - RUBBER HOSE

	S N I C P L W									S N I C P L W									
	N	B	C	B	I	C	P	L	W	N	B	C	B	I	C	P	L	W	
	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
Magnesium Hydrate	E	G	E	G	E	G	E	E	E	Methylene Chloride	X	X	X	X	X	X	X	E	G
Magnesium Hydroxide	E	E	E	E	E	E	G	E	E	Methylene Dichloride	X	X	X	X	X	X	X	E	N
Magnesium Nitrate	E	E	E	E	E	E	E	E	E	Methyl Ethyl Ketone (MEK)	G	X	X	X	G	X	G	E	E
Magnesium Oxide, Slurry	G	N	E	G	N	N	E	E	N	Methyl Formate	C	C	G	X	G	C	G	G	G
Magnesium Sulfate	E	E	E	E	E	E	E	E	E	Methyl Hexanol	E	E	E	E	E	E	E	E	E
Malathion 50 in Aromatic Solvents	X	X	C	C	X	X	X	E	E	Methyl Hexyl Ketone	X	X	X	X	G	X	G	E	E
Malathion 50 in Aromatic Solvents, Water Spray	X	X	E	E	X	X	X	E	E	Methyl Isoamyl Ketone	X	N	N	X	G	X	N	N	N
Maleic Acid	X	X	X	F	X	F	F	G	G	Methyl Isobutenyl Ketone	X	X	X	X	G	X	G	E	E
Maleic Anhydride	X	X	C	X	C	X	C	E	E	Methyl Isobutyl Carbinol	G	C	G	G	E	G	E	E	E
Malic Acid	E	G	C	G	X	G	X	E	E	Methyl Isobutyl Ketone (MIBK)	X	X	X	X	G	X	G	E	E
Malt Extract (Maltine)	N	N	N	N	N	N	E	E	E	Methyl Isopropyl Ketone	X	X	X	X	G	X	G	E	E
Manganese Sulfate	E	E	E	E	E	E	E	E	E	Methyl Methacrylate	X	X	X	X	X	G	G	G	N
Manganese Sulfide	C	E	G	E	E	E	G	E	E	Methyl Methacrylate Monomer, Inhibited	X	X	X	X	X	X	X	N	N
Manganese Sulfite	C	E	G	E	E	E	G	E	E	Methyl Normal Amyl Ketone	X	N	N	X	G	X	G	E	E
Maxmul (Penzoil Hydraulic Fluid)	N	N	G	E	N	N	N	N	N	Methyl Phenol	X	X	X	X	G	X	N	G	N
Mek	G	X	X	X	G	X	G	E	G	Methyl Propyl Carbinol	E	E	E	E	E	E	E	E	E
Mercuric Chloride	G	G	C	C	G	G	C	E	E	Methyl Propyl Ether	X	X	X	X	X	X	X	E	E
Mercuric Cyanide Solutions	G	G	E	G	G	E	G	E	N	Methyl Propyl Ketone	X	X	X	X	G	X	G	E	E
Mercurous Nitrate Solutions	N	N	N	N	N	N	G	E	E	Methyl Salicylate	X	X	X	X	G	X	G	G	G
Mercury	E	E	E	E	E	E	E	E	E	Methyl Sulfate	X	X	X	X	G	X	X	E	N
Mercury Vapors	E	E	E	E	E	E	E	E	E	Methyl Tertiary Butyl Ether (MTBE)	X	X	X	X	X	X	X	E	X
Mesityl Oxide (Methyl Isobutenyl Ketone)	X	X	X	X	G	X	G	E	E	Methylallyl Acetate	X	N	N	X	E	G	E	E	E
Mesitylene	X	X	X	X	X	N	X	N	N	Methylallyl Chloride	X	N	N	X	X	X	N	G	E
Metallic Soaps	X	X	N	E	X	G	X	E	E	Methyldiethanolamine	X	N	N	E	X	X	X	E	E
Methacrylic Acid	X	X	G	X	G	C	G	E	E	Metribuzin	N	N	N	N	N	N	E	N	E
Methallyl Alcohol	G	N	N	E	G	G	N	N	N	Mineral Oil	X	X	C	E	X	G	X	E	E
Methane	X	X	G	E	X	G	X	E	E	Mineral Spirits	X	X	G	E	X	X	X	E	E
Methanoic Acid	N	N	N	N	N	N	E	N	N	Molasses	G	G	G	G	E	E	E	E	N
Methanol (Methyl Alcohol)	X	X	X	X	X	X	X	G	G	Molten Sulfur	X	X	N	N	G	F	X	X	N
Methyl Acetate	F	X	X	X	G	X	G	E	E	Monochlorobenzene	X	X	X	X	X	X	X	G	G
Methyl Acetoacetate	X	N	X	X	G	X	G	E	N	Monochlorodifluoromethane (Freon 22)	G	X	E	X	E	X	E	E	E
Methyl Acetone	X	N	N	X	G	X	E	N	N	Monoethanolamine	G	C	G	C	G	G	E	E	E
Methyl Acrylate	C	X	C	X	G	X	G	E	E	Monochloroacetic Acid	G	N	N	X	X	X	X	E	E
Methacrylic Acid	X	X	N	G	E	N	G	E	E	Monoethylamine	X	X	X	X	G	X	E	G	N
Methylaniline	N	N	X	X	N	G	G	E	E	Monoisopropanol Amine	G	N	N	G	E	X	N	E	E
Methyl Alcohol (Methanol)	X	X	X	X	X	X	X	G	G	Monomethylether	G	G	E	E	E	C	C	E	E
Methylallyl Alcohol	G	N	N	E	G	G	N	N	N	Monopentaerythritol Solution	N	N	N	N	N	N	E	E	E
Methylamine (30-40% in water)	N	N	N	X	N	N	G	E	N	Monosodium Phosphate	G	G	X	N	G	N	G	E	N
Methyl Benzene (Toluene)	X	X	X	X	X	X	X	E	E	Monovinyl Acetate	X	X	X	X	G	C	C	E	E
Methyl Bromide	X	X	X	G	G	X	G	E	E	Morpholine	N	N	N	X	N	N	X	N	N
Methyl Butanathiol	X	X	N	N	X	N	X	E	N	Motor Oil - 40W	X	X	E	E	X	X	X	E	E
Methyl Butanol	N	N	N	E	E	N	E	E	E	Muriatic Acid	E	X	X	X	F	X	F	E	E
Methyl Butyl Ketone	X	X	X	X	G	X	G	E	E	Mustard	E	E	E	N	E	E	N	N	N
Methyl Carbitol	X	X	N	N	X	X	E	E	N	N-Octane	X	X	G	G	X	X	X	G	N
Methyl Cellosolve	X	X	G	C	G	C	G	E	E	Naphta	X	X	G	E	X	X	X	E	E
Methyl Chloride	X	X	X	F	X	X	E	G	F	Naphtialene	X	X	X	X	X	X	X	E	E
Methyl Chloroform	X	X	X	X	X	X	X	G	N	Naphthenic Acids	X	X	X	G	X	X	X	E	E
Methyl Chloroformate	X	X	X	X	X	X	X	N	N	Natural Gas	X	X	F	F	X	F	X	C	X
Methyl Cyclohexane	X	X	X	X	X	X	X	G	G	Neatsfoot Oil	X	X	G	E	G	G	G	E	E
Methyl Ethyl Acetate	X	N	N	X	E	G	X	E	G	Neohexane	N	N	G	E	N	N	X	N	N
Methyl Ethyl Alcohol	E	N	N	E	E	E	E	E	E	Neon Gas	E	E	E	E	E	E	X	N	N
Methyl Ethyl Carbinol	E	N	N	E	E	E	E	E	E	Neu-Tri (Trichloroethylene)	X	X	X	C	X	X	X	G	G
Methyl Ethyl Ketone	X	N	N	X	G	X	N	E	E	Neutral Oil	X	X	G	G	X	N	X	E	E
Methyl Hexanone	X	N	N	X	G	X	N	N	N	Nickel Acetate	X	X	X	X	E	X	G	E	E
Methylcyanide	N	N	N	N	N	N	X	N	N	Nickel Chloride	E	E	E	E	E	E	E	E	E
Methylene Bromide	X	X	X	X	X	X	X	G	C	Nickel Nitrate	E	E	E	E	E	E	E	E	E
										Nickel Plating Solution	E	X	C	G	G	G	G	E	E

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CHEMICAL, OIL & SOLVENT RESISTANCE TABLE - RUBBER HOSE

	S N I C P L W								U
	N	B	C	B	I	S	D	P	H
	R	R	R	R	R	M	M	E	M
Nickel Salts	E	E	E	E	E	E	E	E	N
Nickel Sulfate	E	E	E	E	E	E	E	E	E
Niter Cake	E	E	E	E	E	E	E	E	E
Nitric Acid, Conc (16N)	X	X	X	X	G	G	E	G	N
Nitric Acid, Red Fuming	X	X	X	X	X	X	X	X	X
Nitric Acid - 10%	X	X	X	X	G	G	G	E	E
Nitric Acid - 13N	N	N	N	N	N	N	C	N	N
Nitric Acid - 13N + 5%	N	N	N	N	N	N	N	N	N
Nitric Acid - 20%	X	X	X	X	G	G	F	E	E
Nitric Acid - 30%	X	X	X	X	F	F	F	G	G
Nitric Acid - 30% to 70%	X	X	X	X	F	F	C	F	F
Nitrobenzene	X	X	X	X	X	X	X	E	E
Nitroethane	G	G	C	X	G	G	X	E	N
Nitrogen Gas	E	E	E	E	E	E	E	E	E
Nitrogen Oxide	X	X	X	X	E	E	G	E	N
Nitrogen Tetraoxide	X	X	X	X	X	X	X	X	X
Nitromethane	G	G	C	X	G	C	G	E	E
Nitropropane	C	C	C	X	E	C	G	E	E
Nitrous Oxide Gas	E	E	E	E	E	E	E	E	E
Nonenes	X	N	N	E	X	X	X	E	E
Octadecanoic Acid	X	X	G	E	G	X	C	E	E
Octane	X	X	G	E	X	X	X	G	G
Octanol (Octyl Alcohol)	G	G	E	G	G	G	E	E	E
Octyl Acetate	X	X	X	X	E	X	G	E	E
Octyl Aldehyde	X	N	N	X	X	X	N	N	N
Octyl Amine	C	C	G	C	G	C	G	E	E
Octyl Carbinol	E	E	E	E	E	E	E	E	E
Octylene Glycol	E	E	E	E	E	E	E	E	E
Oil, ASTM #1	X	X	E	E	X	G	X	E	E
Oil, ASTM #2	X	X	E	E	X	C	X	E	E
Oil, ASTM #3	X	X	C	G	E	X	X	E	E
Oil - Petroleum	X	X	E	E	X	F	X	E	E
Oil of Turpentine	X	X	G	E	X	X	X	G	G
Oils, Animal (high fatty acid content)	X	X	G	E	G	X	X	G	N
Oleic Acid	X	X	F	C	G	X	G	E	E
Oleum (Fuming Sulf Acid)	X	X	X	X	X	X	X	X	X
Olive Oil	X	X	G	E	E	G	G	E	E
Organic Fatty Acids	X	N	N	E	X	X	X	E	E
Ortho-Dichlorobenzene	X	X	X	X	X	X	X	E	E
Orthodichlorobenzol	X	N	N	X	X	X	X	E	E
Orthoxylene	X	X	N	N	X	X	X	E	G
OS 45 Hydraulic Fluid (Silicate Ester Base)	X	X	E	G	X	G	X	N	N
Oxalic Acid	F	F	G	F	E	G	E	E	E
Oxygen, Cold	G	G	G	G	E	G	G	E	E
Oxygen, Hot	X	X	X	X	X	X	X	E	E
Ozone	X	F	G	X	G	E	E	E	E
Paint Thinner	X	X	X	X	X	X	X	E	E
Paint (Emulsion or Latex)	N	N	N	G	N	N	G	E	E
Paint (Oil or Solvent Based)	X	X	N	G	X	X	X	E	N
Palmitic Acid	X	X	C	E	E	C	C	G	E
Palm Oil	X	X	G	E	E	G	G	E	E
Papermakers Alum	E	E	E	E	E	E	E	E	E
Para-Dichlorobenzene	X	X	X	X	X	X	X	G	G
Paraffin Wax	X	X	G	E	X	X	X	X	X
Paraformaldehyde	X	X	G	G	G	G	G	E	E
Paraldehyde	X	N	N	X	G	X	G	E	E
Paraxylene	X	N	N	N	X	X	N	E	E

	S N I C P L W								U
	N	B	C	B	I	S	D	P	H
	R	R	R	R	R	M	M	E	M
Peanut Oil	X	X	G	E	C	G	X	E	E
Pelargonic Acid	X	N	N	E	E	X	N	E	E
Pentachloroethane	X	X	N	N	X	X	N	E	E
Pentachlorophenol in Oil	X	X	X	X	E	N	X	E	E
Pentane	X	X	E	E	X	G	X	E	E
Pentanol	E	N	N	E	E	E	E	E	E
Pentatone	X	N	N	X	G	X	N	E	E
Perchloric Acid - 2N	G	G	E	X	G	E	C	E	E
Perchloroethylene	X	X	X	X	X	X	X	G	G
Petrolatum	X	X	E	E	X	C	X	E	E
Petroleum, Crude	X	X	G	E	X	X	X	E	E
Petroleum Ether (Naptha)	X	X	E	E	X	X	X	E	E
Petroleum Naptha	X	X	X	X	X	X	X	X	X
Petroleum Oils	X	X	E	E	X	C	X	E	E
Petroleum Paraffin Wax	N	N	N	N	N	N	X	G	G
Phenol	F	F	F	X	E	F	F	E	E
Phenol Acid	X	X	X	X	G	X	G	G	N
Phenolates	N	N	X	X	N	X	N	N	N
Phenolsulfonic Acid	X	X	C	X	C	X	C	G	G
Phenyl Chloride	X	X	X	X	X	X	X	E	E
Phenyldiazine	C	X	X	X	G	C	C	E	E
Phorone	X	X	X	X	E	X	G	E	E
Phosgene (Carbonyl Chloride)	X	X	X	X	G	X	X	X	X
Phosphate Esters	X	X	X	X	E	X	E	E	E
Phosphoric Acid 10%	E	E	E	E	E	E	E	E	E
Phosphoric Acid 10% - 85%	F	F	G	F	E	E	E	E	E
Phosphorous Trichloride	X	X	X	X	E	X	E	E	E
Pickling Solution	C	C	C	C	C	C	C	E	E
Pitric Acid, Molten	C	C	C	C	C	G	C	X	X
Pitric Acid, Water Solution	E	C	G	G	E	E	G	E	E
Pinene	X	X	X	E	X	X	X	E	E
Pine Oil	X	X	X	F	F	X	X	E	E
Piperidine	X	X	X	X	X	X	X	G	G
Pitch	X	X	G	G	X	C	X	E	E
Plating Solutions, Chrome	X	X	G	G	E	C	E	E	E
Plating Solutions, Other	E	E	G	G	E	C	E	E	E
Polyvinyl Acetate Emulsion (PVA)	C	C	G	C	E	G	E	E	E
Polyethylene Glycol	E	E	E	E	E	E	E	E	E
Polypropylene Glycol	E	E	E	E	E	E	E	E	E
Polyurethane Foam Under 125°F	N	N	N	N	G	N	G	E	N
Potassium Acetate	X	X	X	X	E	X	G	E	E
Potassium Bicarbonate	E	E	E	E	E	E	E	E	E
Potassium Bisulfate	E	E	E	E	E	E	E	E	E
Potassium Bisulfite	E	E	E	E	E	E	E	E	E
Potassium Bromide	E	E	E	E	E	E	E	E	N
Potassium Carbonate	E	E	E	E	E	E	E	E	E
Potassium Chloride	E	E	E	E	E	E	E	E	E
Potassium Chromate	X	X	F	X	E	F	G	E	G
Potassium Cyanide	E	E	E	E	E	E	E	E	E
Potassium Dichromate	X	X	G	X	E	F	G	E	E
Potassium Hydrate	E	G	G	G	E	G	E	E	E
Potassium Hydroxide	E	E	C	E	E	E	E	E	E
Potassium Iodide	N	N	E	E	N	E	E	N	N
Potassium Nitrate	E	E	E	E	E	E	E	E	E
Potassium Permanganate 5%	X	X	X	X	E	X	E	E	E
Potassium Phosphate	N	N	E	N	N	E	E	N	N
Potassium Silicate	E	E	E	E	E	E	E	E	E

CHEMICAL, OIL & SOLVENT RESISTANCE TABLE - RUBBER HOSE

	S N I C P L W									S N I C P L W								
	N	B	C	B	I	S	D	P	P	N	B	C	B	I	S	D	P	P
	R	R	R	R	R	M	M	E	E	R	R	R	R	R	M	M	E	E
Potassium Sulfate	E	E	E	E	E	E	E	E	E	Soda Ash	E	E	E	E	E	E	E	E
Potassium Sulfide	E	E	E	E	E	E	E	E	E	Soda, Caustic (Sodium Hydroxide)	E	G	E	G	E	E	E	E
Potassium Sulfite	E	E	E	E	E	E	E	E	E	Soda Lime	E	E	G	G	E	G	E	E
Potassium Thiosulfate	N	N	E	N	N	E	E	N	N	Soda Niter (Sodium Nitrate)	E	E	E	E	E	E	E	E
Producer Gas	X	X	G	E	X	G	X	E	E	Sodium Acetate	X	X	X	X	X	X	G	E
Propane	X	X	C	E	X	G	X	E	N	Sodium Aluminate	E	E	E	E	E	E	E	E
Propanediol	E	E	G	E	E	E	X	E	E	Sodium Bicarbonate	E	E	E	E	E	E	E	E
Propanol	E	N	N	E	E	E	E	E	E	Sodium Bichromate Solution	G	G	G	G	E	G	E	N
Propionic Acid	G	G	X	X	G	G	G	E	E	Sodium Bisulfate	E	E	E	E	E	E	E	E
Propyl Acetate	X	X	X	X	G	X	G	E	E	Sodium Bisulfite	E	E	E	E	E	E	E	E
Propyl Alcohol (Propanol)	E	E	E	E	E	E	E	E	E	Sodium Borate	E	E	E	E	E	E	E	E
Propyl Aldehyde	X	N	N	X	G	X	N	N	N	Sodium Carbonate	E	E	E	E	E	E	E	E
Propyl Chloride	X	X	C	X	C	X	C	G	G	Sodium Chloride	E	E	E	E	E	E	E	E
Propylene	X	X	X	X	X	X	X	N	N	Sodium Chloride Solution	G	G	X	X	G	G	X	N
Propylene Diamine	G	G	G	G	E	C	G	E	E	Sodium Chromate	X	X	C	X	E	C	G	G
Propylene Dichloride	X	X	X	X	X	X	X	G	G	Sodium Cyanide	E	E	E	E	E	E	E	E
Propylene Glycol	E	E	E	E	E	E	E	E	E	Sodium Dichromate	X	X	C	X	E	F	G	E
Propylene Tetramer	X	N	N	E	X	X	X	E	E	Sodium Fluoride	E	E	E	E	E	E	E	E
Purina Insecticide	N	N	X	X	G	N	G	E	N	Sodium Hydrate	G	G	G	G	G	G	E	N
Puropale RX Oils	N	N	N	E	X	N	X	E	N	Sodium Hydroxide (Caustic Soda)	E	C	E	G	E	E	E	E
Pydraul Hydraulic Fluids	X	X	X	X	G	X	G	G	G	Sodium Hypochlorite	F	X	X	X	G	F	G	G
Pyranol	X	X	X	C	X	X	X	E	E	Sodium Metallic	N	N	N	G	N	N	E	N
Pyrene (Carbon Tetrachloride)	X	X	X	X	X	X	X	G	X	Sodium Metaphosphate	E	E	G	E	E	G	E	E
Pyridine	X	X	X	X	G	X	G	E	E	Sodium Nitrate	E	E	E	E	E	E	E	E
Pyroigneous Acid	C	C	G	C	G	G	G	E	E	Sodium Nitrite	E	E	E	E	E	E	E	E
Pyrrrole	C	G	X	X	G	X	C	E	E	Sodium Perborate	C	X	G	X	E	X	G	E
Quenching Oil	N	N	G	G	N	N	N	N	N	Sodium Peroxide	G	G	G	G	E	G	E	G
Quintolubric 822	N	N	G	E	X	N	G	E	N	Sodium Phosphate	E	G	G	E	E	E	E	E
Rando Oils	N	N	N	E	X	N	X	E	N	Sodium Silfhydrate	G	X	G	G	G	G	E	N
Rape Seed Oil	X	X	G	G	E	G	G	G	G	Sodium Silicate	E	E	E	E	E	E	E	E
Red Oil (Crude Oleic Acid)	X	X	G	G	G	G	G	E	E	Sodium Sulfate	E	E	E	E	E	E	E	E
Refined Wax (Petroleum)	X	X	G	E	N	N	N	E	N	Sodium Sulfide	E	E	E	E	E	E	E	E
Refrigerant 11 - Freon	X	X	C	E	X	F	F	G	G	Sodium Sulfite	E	E	E	E	E	E	E	E
Refrigerant 12 - Freon	X	X	G	E	X	X	X	G	G	Sodium Sulphhydrate	N	N	G	G	E	G	E	N
Refrigerant 22 - Freon	X	X	E	X	E	X	X	E	E	Sodium Thiocyanate Solution	N	G	E	E	G	G	E	N
Richfield A Weed Killer 100%	X	X	X	X	X	X	X	G	G	Sodium Thiosulfate	E	E	E	E	E	E	E	E
Richfield B Weed Killer 33%	X	X	G	G	G	C	X	G	G	Soinus Oils	N	N	N	E	X	N	X	E
Rosin Oil	X	X	E	E	X	G	X	E	E	Soybean Oil	X	X	G	G	G	G	E	E
Rotenone and Water	E	E	E	E	E	E	E	E	E	Spent Acid	X	X	X	X	X	G	X	G
Rubilene Oils	N	N	N	E	X	N	X	E	N	Stannic Chloride	E	E	E	E	E	E	E	E
Sal Ammoniac	E	E	E	E	E	E	E	E	E	Stannic Sulfide	E	E	E	E	E	E	E	E
Salicylic Acid	E	G	X	X	E	E	E	E	E	Stannous Chloride	E	E	E	E	G	E	E	E
Sea Water	E	E	E	E	E	E	E	E	E	Stannous Sulfide	E	E	E	E	E	E	E	E
Sevin	N	N	N	N	N	N	G	G	N	Starch	E	E	G	G	N	E	E	N
Sewage	F	F	G	E	F	E	G	E	E	Starch Gum	N	N	E	E	X	N	E	N
Sillicate of Soda	E	E	E	E	E	E	E	E	E	Steam - Below 350°F	X	X	X	X	G	X	E	X
Silicone of Soda (Sodium Silicate)	E	E	E	E	E	E	E	E	E	Stearic Acid	X	X	G	G	G	G	E	E
Silicate Esters	X	X	E	G	X	E	X	E	E	Stoddards Solvent	X	X	C	E	X	X	E	E
Silicone Greases	E	E	E	E	E	E	E	E	E	STPP (Sodium Triphosphosphate)	G	G	N	N	G	N	G	N
Silicone Oil	E	F	E	E	E	E	F	E	E	Styrene	X	X	X	X	X	X	X	X
Silver Cyanide	N	N	E	N	N	N	N	E	N	Sugar Solutions (Sucrose - Non F.D.A.)	E	E	E	E	E	E	E	E
Silver Nitrate	E	E	E	E	E	E	E	E	E	Sulfamic Acid	C	C	G	G	E	G	E	E
Skelly Solvent	X	X	G	E	X	C	X	E	E	Sulfite Liquors	G	G	G	G	E	E	G	E
Skydrol Hydraulic Fluids	X	X	X	X	E	X	E	E	E	Sulfonic Acid	X	X	C	X	X	C	X	G
Soap, Liquid	G	G	E	E	G	E	E	E	N	Sulfur (Molten)	X	X	X	X	F	F	F	G
Soap Oil	N	N	X	X	N	X	N	E	G	Sulfur Chloride	X	X	C	C	X	G	X	G
Soap Solutions	G	E	G	E	E	E	E	E	E	Sulfur Dioxide	F	F	G	X	G	G	F	G

E - Excellent • G - Good • F - Fair • C - Acceptable • X - Unsatisfactory • N - No Data

CHEMICAL, OIL & SOLVENT RESISTANCE TABLE - RUBBER HOSE

	S N I C P L W U N B C B I S D P P H R R R R R M M E E M										S N I C P L W U N B C B I S D P P H R R R R R M M E E M									
Sulfur Hexafluoride	E	E	E	E	E	E	E	E	E		Trichloroacetic Acid	C	G	X	G	G	X	G	E	N
Sulfur Trioxide	X	X	X	X	G	X	C	G	G		Trichlorobenzene	X	X	X	X	X	X	X	G	G
Sulfuric Acid 60% (200°F)	X	X	F	X	F	G	G	E	E		Trichloroethane	X	X	X	X	X	X	X	E	E
Sulfuric Acid - Conc.	X	X	X	X	X	E	X	E	X		Trichloroethylene	X	X	X	C	X	X	X	G	X
Sulfuric Acid - Fuming	X	X	X	X	X	X	X	X	X		Trichloropropane	X	X	X	X	X	X	X	E	E
Sulfuric Acid 25%	G	G	G	E	E	E	G	E	E		Tricresyl Phosphate (TCP)	X	X	X	X	E	X	G	E	E
Sulfuric Acid 25% - 50%	G	X	X	F	E	E	E	E	E		Tridecanol	E	E	E	E	E	E	E	E	E
Sulfuric Acid 50% - 96%	X	X	F	X	F	G	G	E	E		Triethanolamine (TEA)	G	G	E	G	E	E	G	E	E
Sulfurous Acid	G	C	G	C	G	E	G	E	E		Triethylamine	G	G	E	G	G	E	G	E	E
Sun R&O Oils	N	N	N	E	X	N	X	E	N		Triethylene Glycol	E	E	E	E	E	E	E	E	E
Suntac HP Oils	N	N	N	E	X	N	X	E	N		Trifluralin	X	N	N	X	X	X	X	E	E
Suntac WR Oils	N	N	N	E	X	N	X	E	N		Trihydroxybenzoic Acid	G	G	X	X	G	N	E	E	E
Sunvis Oils 700, 800, 900	N	N	N	E	X	N	X	E	N		Trimethylbenzene	X	X	X	X	X	N	X	N	N
Synthetic Oil (Citgo)	N	N	N	E	X	N	X	E	N		Trinitrophenol	G	G	G	G	G	G	G	G	G
Syrup	E	E	G	N	N	N	N	E	E		Trinitrotoluene (TNT)	X	X	G	X	X	G	X	X	X
Tall Oil	X	X	G	E	X	G	X	E	E		Triphenyl Phosphate	X	X	C	X	E	C	G	E	E
Tallow	X	X	E	E	X	X	X	E	E		Tripoly Phosphate	G	G	N	N	G	N	G	G	N
Tannic Acid	E	G	G	C	E	G	E	E	E		Trisodium Phosphate	E	E	E	E	E	E	E	E	E
Tar	X	X	G	G	X	X	X	E	E		Tung Oil	X	X	G	E	C	G	X	E	E
Tar Bituminous	X	X	C	G	X	X	X	N	N		Turbine Oil	X	X	G	G	X	G	X	E	E
Tartaric Acid	E	E	G	E	E	E	G	E	E		Turpentine	X	X	E	E	X	X	X	G	E
Tellus Oils	N	N	N	E	X	N	X	E	N		2, 4D With 10% Fuel Oil	X	X	E	E	X	X	X	E	E
Tergitol	N	N	N	N	N	N	N	N	X		Ucon Hydrolube Oils	X	X	G	E	E	X	E	E	E
Terpineol	X	X	X	X	C	X	C	G	G		Undecanol	G	N	N	E	N	G	N	N	N
Tertiary Butyl Alcohol	E	E	E	E	E	E	E	E	E		Undecyl Alcohol	G	N	N	E	N	G	N	N	N
Tetrachlorobenzene	X	X	X	X	X	X	X	G	G		Union Hydraulic Tractor Fluid	N	N	N	E	X	N	X	E	N
Tetrachloroethane	X	X	X	X	X	X	X	E	G		Unsymmetrical Dimethyl Hydrazine (UDMH)	X	X	X	X	E	E	E	C	C
Tetrachloroethylene	X	X	X	X	X	X	X	E	E		Uran	G	C	G	G	G	E	G	E	E
Tetrachloromethane	X	X	X	X	X	X	X	G	G		Urea	E	F	E	F	E	F	E	E	E
Tetrachloronaphthalene	X	X	X	X	X	X	X	G	G		Urethane Formulations	N	N	N	E	N	N	N	N	N
Tetradecanol	E	E	E	E	E	E	E	E	E		Uric Acid	N	N	N	N	N	N	N	N	N
Tetraethylene Glycol	E	E	E	E	E	E	E	E	E		Varnish	X	X	G	G	X	F	X	E	E
Tetraethyl Lead	X	X	C	G	X	X	X	E	E		Vegetable Oils	X	X	G	E	E	G	C	E	E
Tetrahydrofuran (THF)	X	X	X	X	X	X	X	E	E		Versilube	C	C	C	E	E	E	E	E	E
Tetrahydroxydicyclopentadiene	X	X	X	X	X	X	X	N	N		Vinegar	E	F	E	C	E	E	G	E	E
Tetralin	X	X	X	X	X	X	X	N	N		Vinegar Acid	E	F	E	F	E	E	G	E	E
Theobromo Oil	X	X	G	G	N	N	N	E	G		Vinyl Acetate	X	X	X	X	G	F	F	G	X
Thionyl Chloride	X	X	X	X	X	X	X	E	E		Vinyl Benzene	X	X	X	X	X	X	X	G	G
Thiopen	X	X	X	X	G	N	X	N	N		Vinyl Chloride	F	X	X	X	X	X	X	E	E
Tin Chloride	E	E	E	E	E	E	E	E	E		Vinyl Cyanide	N	N	N	N	N	N	N	N	N
Tin Tetrachloride	E	E	E	E	E	E	E	E	E		Vinyl Ether	X	X	X	X	X	C	C	E	E
Titanium Tetrachloride	X	X	G	F	X	F	F	E	G		Vinyl Styrene	N	N	N	N	N	N	N	N	N
Toluene	X	X	X	X	X	X	X	E	E		Vinyl Toluene	X	X	X	X	X	X	X	G	G
Toluene Diisocyanate (TDI)	C	C	X	C	E	X	E	E	E		Vinyl Trichloride	X	X	X	X	X	X	X	E	E
Toluidine	X	N	N	X	X	X	N	N	N		Vitrea Oils	N	N	N	E	X	N	X	E	N
Toluol	X	N	N	X	X	X	X	E	E		V.M. & P. Naptha	X	X	E	E	X	X	X	E	E
Toxaphene	X	X	G	G	X	X	X	E	E		Water, Fresh (NON F.D.A.)	E	E	E	E	E	E	E	E	E
Transformer Oils (Petroleum Base)	X	X	G	E	X	G	X	E	E		Water Boiling	N	N	E	N	N	N	E	N	N
Transformer Oils (Chlorinated Pheynyl Base Askerels)	X	X	X	X	X	X	X	G	G		Water, Salt	E	E	E	G	E	E	E	E	E
Transmission Fluids A	X	X	C	G	X	X	X	E	E		Whiskey	E	E	E	E	E	E	E	X	N
Transmission Fluid B	X	X	X	C	X	X	X	E	E		White Liquor	E	E	E	E	G	E	C	E	E
Tributoxyethyl Phosphate	X	X	N	X	G	X	G	E	X		White Oil	X	X	G	E	X	X	X	E	E
Tributoxyl Ethylsulfate	X	N	N	X	E	X	E	X	N		Wines	E	E	E	E	E	E	E	X	N
Tributyl Amine	G	G	G	G	E	C	E	E	E		Wood Alcohol	E	E	E	E	E	E	E	E	E
Tributyl Phosphate	X	X	X	X	G	X	G	E	E		Xylene (Xytol)	X	X	X	X	X	X	X	C	C
Tricetin	E	G	G	G	E	G	E	E	E		Xylidine	X	X	X	X	X	X	X	G	G

CHEMICAL, OIL & SOLVENT RESISTANCE TABLE - RUBBER HOSE

	U H E X M S N I C P L W N B C B I S D P P R R R R R M M E E											
Zeolites	G	E	E	C	C	E	E	E	E	E	E	E
Zeric	N	N	N	E	X	N	X	E	N			
Zinc Acetate	C	X	C	C	E	C	G	E	E			
Zinc Carbonate	E	E	E	E	E	E	E	E	E			
Zinc Chloride	E	E	E	E	E	E	G	E	E			
Zinc Chromate	E	C	E	E	E	C	E	G	G			
Zinc Sulfate	E	E	E	E	E	E	E	E	E			

Resistance Rating			
E	Excellent	C	Acceptable
G	Good	X	Unsatisfactory
F	Fair	N	No Data

**Maximum temperature
100°F (38°C)
unless otherwise specified.**

The reader is cautioned that the Chemical, Oil & Solvent Table for Rubber Hose is only a guide and should be used as such. The degree of resistance of an elastomer with a particular fluid depends on such variables as temperature, concentration, pressure, velocity of flow, duration of exposure, aeration, stability of fluid, etc. Also, variations in elastomer types and special compounding of stocks to meet specific service conditions have considerable influence on the results obtained.