

## Chemical Resistance Table

	1	2	3	End Fitting	
				CS	SS
Acetaldehyde 100%	D	C	C	U	S
Acetaldehyde 40%	D	A	A	U	S
Acetic acid, glacial	D	B	B	U	S
Acetic acid<60%	D	A	A	U	S
ACETIC anhydride 100%	D	B	B	U	S
Aceto acetic ester 100%	D	B	B	S	S
Acetone 100%	A	A	A	S	S
Acetone cyanohydrin	D	B	B	S	S
Acetonitrile	B	B	B	S	S
Acetophenone	B	B	B	S	S
Acetylacetone	B	B	B	S	S
Acetyl chloride	Refer to PTFE hose				
Acetylene dichloride	B	B	B	S	S
Acetylene tetrachloride	C	C	C	S	S
Acrolein	B	B	B	S	S
Acrylic acid	D	B	B	U	S
Acrylonitrile	A	A	A	S	S
Adipic acid aqueous	A	A	A	U	S
Adiponitril	B	B	B	S	S
Allyl alcohol	A	A	A	S	S
Allyl bromide	C	C	C	S	S
Allyl chloride	C	C	C	S	S
Aluminium chloride sol. Saturated	D	A	D	PP	
Aluminium salts excluding halides	D	A	B	S	S
Alums aqueous(saturated)	A	A	A	S	S
Aminoethyl ethanolamine	D	B	B	S	S
Ammonia sol.	D	A	A	S	S
Ammonium chloride (saturated)	D	A	C	S	S
Ammonium salts excluding halides	D	A	B	S	S
Amylacetate	C	C	C	S	S
Amyl alcohol	B	B	B	S	S
Amyl chloride	C	C	C	S	S
Aniline	A	A	A	S	S
Animal oils	A	A	A	S	S
Anisole	C	C	C	U	S
Antimony chloride	D	B	D	U	S
Aqua regia	D	C	D	PP	
Aromatic spirits	B	B	B	S	S
Arsenic acid 80%	D	B	C	U	S
Aviation fuel	C	C	C	S	S
Barium salts	D	A	B	S	S
Beer	D	A	A	S	S
Benzaldehyde	D	C	C	U	S
Benzene (benzol)	D	C	C	S	S
Benzoic acid	D	A	A	S	S
Benzoyl chloride	C	C	C	S	S
Benzyl alcohol	A	A	A	S	S
Benzyl butyl phthalate	B	B	B	S	S
Benzyl chloride	D	C	C	U	S
Bleach <12.5%	D	C	C	S	S
Borax aqueous	A	A	A	S	S
Boric acid aqueous	D	A	A	U	S
Brine saturated)	D	A	D	PP	
Bunker oil	B	B	B	S	S
Butadiene	B	B	B	S	S
Butane liquid	Refer to cryogenic hose				
Butanol	B	B	B	S	S
Butyl acetate	C	C	C	S	S
Butyl acrylate	B	B	B	S	S
Butyl alcohol	A	A	A	S	S
Butyl amine	D	B	B	S	S
Butyl benzene	B	B	B	S	S
Butyl benzyl phthalate	B	B	B	S	S
Butyl bromide	Refer to PTFE hose				
Butyl butyrate	B	B	B	S	S
Butyl carbitol	A	A	A	S	S
Butyl carbitol acetate	C	C	C	S	S
Butyl cellosolve	A	A	A	S	S
Butyl cellosolve acetate	C	C	C	S	S
Butyl chloride	Refer to PTFE hose				
Butylene glycol	A	A	A	S	S
Butyl ether	B	B	B	S	S
Butyl ethyl ether	B	B	B	S	S
Butyl methacrylate	C	C	C	S	S
Butyl methoxyethyl ether	C	C	C	S	S
Butyl phthalate	A	A	A	S	S

## Chemical Resistance Table

Butyl stearate	B	B	B	S	S
Butyraldehyde	D	C	C	U	S
Butyric acid <20%	B	B	B	S	S
Butyrolacetone	C	C	C	S	S
Calcium alkyl salicylate sol.	D	A	A	U	S
Calcium chloride (saturated)	D	A	C	U	S
Calcium hypochloride <12.5%	D	C	C	U	S
Calcium salts excluding halides	D	A	B	S	S
And hypochloride (saturated)	D	A	A	S	S
Calcium alkyl salicylate sol.					
Camphor oil	C	C	C	S	S
Caprylic acid	A	A	A	S	S
Carbinols	B	B	B	S	S
Carbitols	B	B	B	S	S
Carbitol acetate	C	C	C	S	S
Carbolic acid	D	A	A	U	S
Carbolic oil	C	C	C	S	S
Carbon disulphide	C	C	C	S	S
Carbon tetrachloride	C	C	C	S	S
Carbonic acid	D	A	A	U	S
Cashew nutshell oil	B	B	B	S	S
Caustic potash <50%	D	A	B	S	S
Caustic soda <50%	C	A	B	S	S
Cellosolve	B	B	B	S	S
Chloro acetic acid	D	B	D	PP	
Chlorine	Refer to PTFE Hose				
Chlorobenzene	C	C	C	S	S
Chlorobutane	C	C	C	S	S
Chloroform	C	C	C	S	S
Chloroprene	D	C	C	U	S
Chrome alum (saturated)	D	A	A	PP	
Chloropropionic acid	Refer to PTFE hose				
Chlorosulphonic acid	B	B	B	S	S
Chlorothene	B	B	B	S	S
Chlorotoluene	C	C	C	S	S
Chromic acid aqueous <50%	D	C	C	U	S
Citric acid	D	A	A	U	S
Coal tar naphtha	B	B	B	S	S
Copper chloride (saturated)	D	A	D	PP	
Copper salts excluding halides	D	A	A	S	S
Creosote	B	B	B	S	S
Cresol <90%	B	B	B	S	S
Crotonaldehyde	C	C	C	S	S
Crude oil	A	A	A	S	S
Cumene	B	B	B	S	S
Cyclohexane	B	B	B	S	S
Cyclohexanol	B	B	B	S	S
Cyclohexanone	C	C	C	S	S
Cyclohexylamine	D	B	B	S	S
Cyclopentane	B	B	B	S	S
P-cymene	B	B	B	S	S
Decalin	Refer to PTFE Hose				
Decyl alcohol	B	B	B	S	S
Decyl acrylate	B	B	B	S	S
Detergents	A	A	A	S	S
Dextrin	A	A	A	S	S
Diacetone alcohol	B	B	B	S	S
Deaminoethylamine	C	B	B	S	S
Diamylamine	C	B	B	S	S
Dibromoethane	D	B	B	S	S
Dibutylamine	C	B	B	S	S
Dibutyl ether	C	C	C	S	S
Dibutyl phthalate	B	B	B	S	S
Dibutyl sebacate	B	B	B	S	S
Dichloroacetic acid	D	C	D	PP	
Dichlorobenzene	C	C	C	S	S
Dichlorobutane	C	C	C	S	S
Dichlorodifluoromethane	Refer to cryogenic				
Dichloroethane	C	C	C	S	S
Dichloroethylene	C	C	C	S	S
Dichloroethyl ether	C	C	C	S	S
Dichloromethane	C	C	C	S	S
Dichloropropane	C	C	C	S	S
Dichloropropylene	C	C	C	S	S
Dichloropropionic acid	D	C	D	PP	
Dicyclopentadiene	D	D	D	U	U
Diesel oil	B	B	B	S	S
Diethanolamine	D	A	A	U	S

## Chemical Resistance Table

Diethylamine	D	B	B	U	S	Diethylamine	D	B	B	S	S
Diethylaminoethanol	C	B	B	S	S	Diethyl phthalate	B	B	B	S	S
Diethylbenzene	B	B	B	S	S	Diethyl sebacate	B	B	B	S	S
Diethylene dioxide	B	B	B	S	S	Dioxane	B	B	B	S	S
Diethylene glycol	A	A	A	S	S	Dipentene	B	B	B	S	S
Diethylene glycol diethyl ether	B	B	B	S	S	Diphenyl ether	B	B	B	S	S
Diethylene glycol monobutyl ether	C	C	C	S	S	Diphenylmethane diisocyanate	B	B	B	S	S
Diethylene glycol monobutyl acetate	C	C	C	S	S	Diphenyl phthalate	B	B	B	S	S
Diethylene glycol monoethyl ether	C	C	C	S	S	Dipropylamine	B	B	B	S	S
Diethylene glycol monoethyl ether acetate	C	C	C	S	S	Dipropylene glycol	A	A	A	S	S
Diethylene glycol monomethyl ether	C	C	C	S	S	Dipropylene glycol monomethyl ether	C	C	C	S	S
Diethylene glycol monomethyl ether acetate	C	C	C	S	S	Disulphuric acid	Refer to PTFE hose				
Diethylene triamine	D	B	B	S	S	Dodecylalcohol	B	B	B	S	S
Diethyl ethanolamine	D	B	B	S	S	Dodecyl benzene	B	B	B	S	S
Diethyl ether	B	B	B	S	S	Dodecyl phenol	B	B	B	S	S
Diethyl ketone	B	B	B	S	S	Dodecyl methacrylate	D	D	D	U	U
Diethyl oxalate	B	B	B	S	S	Dodecyl toluene	B	B	B	S	S
Diethyl phthalate	A	A	A	S	S	Epichlorohyrin	B	B	B	S	S
Diethyl sebacate	A	A	A	S	S	Ethanol	A	A	A	S	S
Diethyl sulphate	D	B	B	S	S	Ethanolamine	B	A	A	S	S
Diisobutylamin	B	B	B	S	S	Ethoxy ethanol	C	C	C	S	S
Diisobutylene	C	B	B	S	S	Ethoxy ethyl acetate	C	C	C	S	S
Diisobutyl ketone	B	B	B	S	S	Ethoxy propanol	C	C	C	S	S
Diisobutyl phthalate	B	B	B	S	S	Ethyl acetate	C	C	C	S	S
Diisooctyl adipate	B	B	B	S	S	Ethyl acrylate	C	C	C	S	S
Diisooctyl phthalate	A	A	A	S	A	Ethyl alcohol	B	B	B	S	S
Diisopropanol amine	D	B	B	S	S	Ethyl aluminium dichloride	Refer to PTFE hose				
Diisopropyl amine	D	B	B	S	S	Ethylamine	C	B	B	S	S
Diisopropyl ether	B	B	B	S	S	Ethylbenzene	B	B	B	S	S
Diisopropyl ketone	B	B	B	S	S	Ethyl butanol	B	B	B	S	S
Dimethylamine	D	B	B	S	S	Ethyl butylamine	C	B	B	S	S
Dimethyl ethanolamine	D	B	B	S	S	Ethyl chloride	C	C	C	S	S
Dimethyl formamide	A	A	A	S	S	Ethyl cyclohexane	C	C	C	S	S
Dimethyl ketone	A	A	A	S	S	Ethyl cyclohexylamine	C	C	C	S	S
Dimethyl phthalate	B	B	B	S	S	Ethyl ether	B	B	B	S	S
Dimethyl sulphate	D	B	B	S	S	Ethyl formate	D	B	B	S	S
Dimethyl sulphide	B	B	B	S	S	Ethyl hexanoic acid	D	B	B	U	S
Dinitrobenzene	C	C	C	S	S	Ethyl hexyl acrylate	C	B	B	S	S

## Chemical Resistance Table

Ethyl hexyl alcohol	A	A	A	S	S	Furfural	C	C	C	S	S
2-Ethyl hexylamine	C	B	B	S	S	Furfural alcohols	C	C	C	S	S
Ethyl iodide	C	C	C	S	S	Gallic acid sol.	C	A	A	S	S
Ethyl isobutyl ether	C	C	C	S	S	Gasoline	B	B	B	S	S
Ethyl methacrylate	C	C	C	S	S	Gelatine aqueous	A	A	A	S	S
Ethyl methyl ketone	B	B	B	S	S	Gluconic acid	C	A	A	S	S
Ethyl phthalate	A	A	A	S	S	Glucose aqueous	A	A	A	S	S
2-Ethyl 3-propylacrolein	C	C	C	S	S	Gluconic acid	C	A	A	S	S
Ethyl propyl ether	B	B	B	S	S	Glucose aqueous	A	A	A	S	S
Ethyl propyl ketone	C	C	C	S	S	Glycerine	A	A	A	S	S
Ethyl silicate	A	A	A	S	S	Glycols aqueous	A	A	A	S	S
Ethyl sulphate	B	B	B	S	S	Glycolic acid aqueous <37%	D	A	A	S	S
Ethyl vinyl ether	B	B	B	S	S	Grease	B	B	B	S	S
Ethylene carbonate	C	B	B	S	S	Green sulphate liquor	D	B	B	U	S
Ethylene chloride	C	C	C	S	S	Heptane	B	B	B	S	S
Ethylene chlorohydrin	B	B	B	S	S	Heptanoic acid	D	B	B	U	S
Ethylene cyanohydrin	D	C	C	S	S	Heptanol	A	A	A	S	S
Ethylene diamine	B	B	B	S	S	Heptanone	B	B	B	S	S
Ethylene dibromide	C	B	B	S	S	Heptene	B	B	B	S	S
Ethylenel dichloride	D	C	C	S	S	Hexamethylene diamine	C	B	B	S	S
Ethylene glycol	A	A	A	S	S	Hexamethylene tetramine	D	B	B	S	S
Ethylene glycol methyl butyl ether	B	B	B	S	S	Hexane	B	B	B	S	S
Ethylene glycol monobutyl ether	A	A	A	S	S	Hexanol	A	A	A	S	S
Ethylene glycol monobutyl ether acetate	B	B	B	S	S	Hexene	B	B	B	S	S
Ethylene glycol monoethyl ether	A	A	A	S	S	Hexylamine	D	B	B	S	S
Ethylene oxide	D	B	B	U	S	Hexylene glycol	A	A	A	S	S
Fatty acid	D	A	A	U	S	Hydrazine hydrate	D	B	B	U	S
Fatty alcohols	A	A	A	S	S	Hydrobromic acid <50%	D	A	D	PP	
Ferric salts excluding halides	D	A	B	S	S	Hydrochloric acid <37%	D	C	D	PP	
Fluorinated refrigerants	Refer to cryogenic					Hydrofluoric acid <50%	D	B	D	PP	
Fluosilicic acid	D	A	A	U	S	Hydrofluosilic acid <20%	D	A	A	U	S
Formaldehyde sol. <45%	A	A	A	S	S	Hydrogen peroxide sol <50%	D	B	B	U	S
Formamide	D	A	B	U	S	Hydrogen sulphide aqueous (saturated)	D	A	D	U	S
Formic acid	D	A	B	S	S	Iodine sol.	D	B	D	PP	
Freons	Refer to cryogenic					Iron salts excluding halides	D	A	B	S	S
Fruit juices	D	A	A	U	S	Isoamyl acetate	C	C	C	S	S
Fructose	A	A	A	U	S	Isoamyl alcohol	B	B	B	S	S
Fuel oil	B	B	B	S	S	Isoamyl bromide	D	B	D	U	S

## Chemical Resistance Table

Isoamyl butyrate	C	B	B	S	S
Isoamyl chloride	D	C	C	U	S
Isoamyl ether	B	B	B	U	S
Isoamyl acetate	C	C	C	S	S
Isoamyl acrylate	B	B	B	S	S
Isobutyl alcohol	A	A	A	S	S
Isobutylamine	D	B	B	S	S
Isobutyl bromide	D	B	D	U	S
Isobutyl chloride	D	B	D	U	S
Isobutyl ether	C	C	C	S	S
Isobutyl formate	C	C	C	S	S
Isobutyl methyl ketone	B	B	B	S	S
Isobutyraldehyde	D	C	C	S	S
Isodecyl alcohol	A	A	A	S	S
Isooctane	C	C	C	S	S
Isopentane	C	C	C	S	S
Isopentene	C	C	C	S	S
Isophorone	B	B	B	S	S
Isoprene	B	B	B	S	S
Isopropanolamine	D	B	B	S	S
Isopropyl acetate	C	C	C	S	S
Isopropyl alcohol	A	A	A	S	S
Isopropylamine	D	B	B	S	S
Isopropyl benzene	B	B	B	S	S
Isopropyl chloride	D	B	D	U	S
Isopropyl ether	C	C	C	S	S
Isopropyl toluene	B	B	B	S	S
Jam	B	A	A	S	S
Jet fuel	C	C	C	S	S
Kerosene	B	B	B	S	S
Ketones	B	B	B	S	S
Lactic acid <20%	D	A	B	S	S
Lanolin	A	A	A	S	S
Lard	A	A	A	S	S
Latex (low viscosity)	A	A	A	S	S
Lauryl alcohol	B	B	B	S	S
Lead salts (saturated)	D	A	B	U	S
Ligroin	C	C	C	S	S
Limonene	B	B	B	S	S
Linseed oil	A	A	A	S	S
Lubrication oil	B	B	B	S	S
Magnesium salts (saturated)	D	A	B	U	S
Maleic acid in sol.	D	A	B	U	S
Maleic anhydride in sol.	D	B	B	U	S
Malic acid in sol.	D	B	B	U	S
Manganese salts (saturated)	D	A	B	U	S
Meat juice	D	A	A	S	S
Mercuric chloride (saturated)	D	A	D	PP	
Mesityl oxide	B	B	B	S	S
Methacrylic acid	D	B	B	S	S
Methanol	A	A	A	S	S
Methyl acetate	C	C	C	S	S
Methyl aceto acetate	D	C	C	U	S
Methyl acetone	B	B	B	S	S
Methyl acrylate	B	B	B	S	S
Methyl alcohol	A	A	A	S	S
Methylamine	C	B	B	S	S
Methylamyl acetate	C	C	C	S	S
Methylamyl alcohol	B	B	B	S	S
Methylamyl ketone	B	B	B	S	S
Methylbutyl alcohol	A	A	A	S	S
Methyl ter-butyl ether	C	C	C	S	S
Methylbutyl ketone	B	B	B	S	S
Methyl butyraldehyde	Refer to PTFE hose				
Methyl carbitol	A	A	A	S	S
Methyl cellosolve	B	B	B	S	S
Methyl cellosolve acetate	C	C	C	S	S
Methyl chloride	Refer to PTFE hose				
Methyl cyanide	B	B	B	S	S
Methyl cyclohexane	B	B	B	S	S
Methylene bromide	D	C	C	S	S
Methylene chloride	C	C	C	S	S
Methyl ethyl ketone	C	C	C	S	S
Methyl ethylpyridine	C	C	C	S	S
Methyl formate	C	C	C	S	S
Methyl isobutyl ketone	C	C	C	S	S
Methyl methacrylate	C	C	C	S	S
Methyl nitrobenzene	B	B	B	S	S

## Chemical Resistance Table

Methyl pentene	B	B	B	S	S
2-Methyl pentene	C	C	C	S	S
Methyl pyridine	D	B	B	S	S
Methyl styrene	B	B	B	S	S
Mineral oil	B	B	B	S	S
Mineral spirits	B	B	B	S	S
Molasses	A	A	A	S	S
Monochloro benzene	B	B	B	S	S
Monoethanolamine	B	A	A	S	S
Monoethylamine	C	B	B	S	S
Monoisopropanolamine	D	B	B	S	S
Mononitrobenzene	B	B	B	S	S
Morpholine	C	B	B	S	S
naphta	B	B	B	S	S
Naphta solvent	C	C	C	S	S
Naphta in sol.	A	A	A	S	S
neohexane	B	B	B	S	S
Nickel chloride (saturated)	D	A	D	U	S
Nickel salts excluding chloride	D	A	B	U	S
Nitric acid <10% (saturated)	D	A	A	U	S
Nitric acid 10-60%	D	C	C	U	S
Nitric acid >60%	Refer to PTFE hose				
nitrobenzene	B	B	B	S	S
O-nitrophenol sol.	D	A	A	S	S
nitropropane	C	C	C	S	S
nirotoluene	B	B	B	S	S
nonane	B	B	B	S	S
Nonyl alcohol	B	B	B	S	S
Nonyl phenol	C	C	C	S	S
Octane	B	B	B	S	S
Octanol	B	B	B	S	S
Octyl acetate	C	C	C	S	S
Octyl acrylate	B	B	B	S	S
Oils	B	B	B	S	S
Oleic acid	D	B	B	U	S
Oleum	Refer to PTFE hose			U	S
Oxalic acid<50%	D	B	B	U	S
Palm oil	B	B	B	S	S
Parafine wax	A	A	A	S	S
Paraldehyde	C	C	C	S	S
1.3-pentadiene	C	C	C	S	S
Pentachloroethane	C	C	C	S	S
Pentane	B	B	B	S	S
Pentanol	A	A	A	S	S
Pentanone	B	B	B	S	S
Pentene	B	B	B	S	S
Perchloric acid <50%	D	B	D	PP	
Perchloroethylene	C	C	C	U	S
Petrolatum	A	A	A	S	S
Petroleum	A	A	A	S	S
Petroleum ether	C	C	C	S	S
Petroleum naphta	C	C	C	S	S
Phenol	B	A	A	U	S
Phenoxyethanol	C	C	C	S	S
Phenylhydrazine	D	C	C	U	S
Phosphoric acid<96%	D	A	A	U	S
Phosphorus oxychloride	D	C	D	PP	
Phosphorus pentoxide	D	A	B	U	S
Phosphorus trichloride	D	B	D	U	S
Phthalic acid <50%	D	B	B	U	S
Phthalic anhydride	D	D	D	U	U
Picric acid aqueous 1%	D	B	B	U	S
Pinene	B	B	B	S	S
Pine oil	B	B	B	S	S
Plasticisers	B	B	B	S	S
Polyethylene glycol	B	B	B	S	S
Polypropylene glycol	B	B	B	S	S
Polymethylene polyphenyl	B	B	B	S	S
Isocyanate potassium salts excluding halides (saturated)	D	A	B	U	S
Propanoic acid	D	B	B	U	S
Propiolactone	C	C	C	S	S
Propionaldehyde	D	C	C	S	S
Propionic acid	D	B	B	U	S
Propionic anhydride	D	C	C	U	S
Propyl acetate	C	C	C	S	S
Propylene alcohol	A	A	A	S	S
Propylamine	D	B	B	S	S

## Chemical Resistance Table

Propylene glycol	A	A	A	S	S	Tetrochloroethane	C	C	C	S	S
Propylene glycol monoethyl ether	B	B	B	S	S	Tetracloroethylene	C	C	C	S	S
Propylene glycol monomethyl ether	B	B	B	S	S	Tetraethylene glycol	B	B	B	S	S
Propylene (tetramer-trimer)	C	C	C	U	S	Tetrahydrofuran	D	D	D	S	S
Propylene oxide	D	B	B	S	S	Tin halides	D	A	D	PP	
Prussic acid	D	A	A	U	S	Tin salts excluding halides	D	A	C	S	S
Pyridene	D	B	B	S	S	Titanium tetrachloride	D	C	D	PP	
Pyrosulphuric acid	Refer to PTFE hose					Toluene	C	C	C	S	S
Salt sol. excluding halides	D	A	B	S	S	Toluene diisocyanate	B	B	B	S	S
Sea water	D	A	B	U	S	Transformer oil	B	B	B	S	S
Sewage	D	B	B	S	S	Transmission oil	B	B	B	S	S
Silicon oil	A	A	A	S	S	Tributylamine	B	B	B	S	S
Silver halides (saturated)	D	A	D	PP		Tributyl phosphate	B	B	B	S	S
Silver salts excluding halides	D	A	B	S	S	Trichloroacetic acid <10%	D	A	B	PP	
Soap sol. (saturated)	B	A	A	S	S	Trichloro benzene	D	C	C	S	S
Sodium chlorate sol. <50%	D	A	A	U	S	Trichloroethane	C	C	C	S	S
Sodium chloride (saturated)	D	A	C	U	S	Trichloroethylene	C	C	C	S	S
Sodium dichromate	D	B	D	PP		Trichloropropane	C	C	C	S	S
Sodium hydrosulphide	D	A	B	S	S	Tricresyl phosphate	B	B	B	S	S
Sodium hydroxide	D	A	B	U	S	Tridecanol	B	B	B	S	S
Sodium hypochlorite <15%	D	C	C	U	S	Triethanolamine	D	B	B	S	S
Sodium salts excluding halides	D	A	B	S	S	Triethylamine	D	B	B	S	S
Sodium thiosulphate <20% (saturated)	D	A	B	U	S	Triethylbenzene	B	B	B	S	S
Starch aqueous	B	A	A	S	S	Triethylene glycol	A	A	A	S	S
Styrene monomer	B	B	B	S	S	Triethylene tetramine	D	B	B	S	S
Sugar syrup	A	A	A	S	S	Trimethyl acetic acid	D	A	A	S	S
Sulphamic acid	D	A	A	U	S	Trimethyl benzene	B	B	B	S	S
Sulphur dioxide	D	C	C	U	S	Trioctyl phosphate	B	B	B	S	S
Sulphur liquid	D	D	D			Tripropylene glycol	A	A	A	S	S
Sulphuric acid <20%	D	B	B	S	S	Tripropylene glycol monomethyl	C	C	C	S	S
Sulphuric acid 20%-85%	D	B	D	PP		Ether tritoyl phosphate	B	B	B	S	S
Sulphuric acid >85%	D	C	C	S	S	Trixylenyl phosphate	B	B	B	S	S
Sulphurous acid	D	B	B	U	S	Turpentine	C	C	C	S	S
Sulphuryl chloride	D	D	D			Urea aqueous	B	A	B	S	S
Tall oil	A	A	A	S	S	Urea/ammonia sol.	B	A	B	S	S
Tallow	A	A	A	S	S	Urea/ammonium salts sol.	B	A	B	S	S
Tannic acid <10%	D	A	A	U	S	Valeraldehyde	C	C	C	S	S
Tartaric acid	D	A	B	U	S	Vaseline	A	A	A	S	S
						Vegetable oils	A	A	A	S	S

Vinegar	D	A	A	U	S
Vinyl acetate	D	B	B	U	S
Vinyl chloride	Refer to PTFE hose				
Vinyl ethyl ether	C	C	C	S	S
Vinylidene chloride	C	C	C	S	S
Vinyl toluene	C	B	B	S	S
Water	A	A	A	S	S
White spirit	B	B	B	S	S
Wine	D	B	B	U	S
Xylene	B	B	B	S	S
Xylenol	B	B	B	S	S
Yeast aqueous	D	A	A	U	S
Zinc halides	D	A	D	PP	
Zinc salts aqueous excluding halides	D	A	B	S	S

This list is offered only as a guide to the chemical resistance of Flextraco composite polypropylene hoses and is based on the best available data.

However it must be appreciated that it is a guide and refers only to the chemical resistance of the materials.

When there is any doubt, it is recommended to refer back to the technical department of our company.

#### Hose Type 1

Inner wire is galvanized steel.

Hose Codes 0604-0804-0824-0864-0104-0904

#### Hose Type 2

Inner wire is polypropylene coated carbon steel.

Hose codes 0216-0416-0436-0466-0116-0916

#### Hose Type 3

Inner wire is stainless steel 316

Hose Codes 0214-0414-0434-0464-0114-0914

Suitability is indicated as follows:

A-Suitable for use at 60°C/ 140°F

B-Suitable for use at worldwide ambient temperatures.

C-Suitable for intermittent service only at worldwide ambient temperatures. Intermittent service is defined as ship to shore or road tanker operations where the hose is cleaned and not left full of product after use.

D-Not suitable or sufficient evaluation data unavailable

#### End Fitting

CS-Carbon steel    SS-stainless steel    PP-Polypropylene

S-Suitable            U-Unsuitable