

10 Chemical Compatibility

- All metal parts contacting sample fluids are made of Titanium, grade 2.
- Tubings are made of Teflon.
- O-rings are made of polymeric materials, Viton is standard.

Titanium

Titanium, grade 2, shows good resistance to most chemicals over a wide range of concentrations and temperatures. This includes waters, halide solutions, oxidizing acids, alkaline media, inorganic salt solutions as well as organic media. Titanium offers moderate resistance to reducing acids and can be rapidly attacked by hydrofluoric acid.

Polymeric materials

Legend of material formulations:

TF	Teflon (tubing)
VI:	Viton Rubber (o-ring and flow module sealer)
SR:	Silicone Rubber (o-ring)
PM:	PharMed (tubing)
T:	Tygon, R-3603 (tubing)
FL:	Fluran (tubing)

Ratings:

E:	Excellent compatibility
G:	Good compatibility
F:	Fair
X:	Not recommended
- :	No data available

Note!

The data in the table are guidelines provided by the manufacturer of the materials. Compatibility might depend on other factors such as concentration and temperature. When in doubt, check with a test part.

Chemical Compatibility

Fluid	TF	VI	SR	PM	T	KF	FL
Abietic Acid	-	G	-	-	-	-	-
Acetaldehyde	E	X	X	X	X	E	X
Acetamide, 67% in water	E	G	G	G	X	E	X
Acetanilide	-	F	-	-	-	-	-
Acetate Solvents	E	-	-	G	X	E	X
Acetic Acid, 10% in water	E	F	-	E	E	E	X
Acetic Acid, 50-60% in water	E	-	-	G	E	E	X
Acetic Acid, Glacial, 100%	E	X	-	G	X	E	X
Acetic Anhydride	E	X	-	E	X	E	X
Acetoacetic Acid	-	X	-	-	-	-	-
Acetone	E	X	X	X	X	E	X
Acetone Cyanohydrin	-	X	-	-	-	-	-
Acetone/Toluene (50%/50%)	-	X	-	-	-	-	-
Acetonitrile	-	X	-	G	X	-	G
Acetophenone	-	X	-	-	-	-	-
Acetyl Acetone	-	X	-	-	-	-	-
Acetyl Bromide	E	-	-	F	X	-	X
Acetyl Chloride	E	E	-	F	X	E	X
Acetylene Gas	E	E	-	E	E	E	E
Acetylene Tetrabromide	-	E	-	-	-	-	-
Acetylene Tetrachloride	-	E	-	-	-	-	-
Acetylsalicyl Acid	-	E	-	-	-	-	-
Acids, non organic	-	G	-	-	-	-	-
Acids, organic	-	F	-	-	-	-	-
Acrolein	-	X	-	-	-	-	-
Acrylic Acid	-	X	-	-	-	-	-
Acrylonitrile	E	X	X	G	X	-	G
Adipic Acid, 100% in alc	E	G	-	G	X	-	X
Air	E	E	E	E	E	E	E
Alcohols General	E/G	-	E/G	E	X	E/G	X
Alkanes (Paraffin Hydrocarbons)	-	E	-	-	-	-	-
Alkazene	-	G	-	-	-	-	-
Alkenes (Olefin Hydrocarbons)	-	E	-	-	-	-	-
Alkyl Acetone	-	X	-	-	-	-	-
Alkyl Alcohole	-	X	-	-	-	-	-
Alkyl Amine	-	X	-	-	-	-	-
Alkyl Benzene	-	G	-	-	-	-	-
Alkyl Chloride	-	G	-	-	-	-	-
Aliphatic Hydrocarbons	-	-	-	X	X	-	G
Allyl Alcohol	-	-	-	F	X	-	E
Alum, 5% in water	-	E	-	E	E	-	E
Aluminium Acetate	-	X	-	-	-	-	-
Aluminum Bromide	-	E	-	-	-	-	-
Aluminum Chloride, 53% in water	E	E	-	E	E	E	E
Aluminum Flouride	E	E	-	-	-	-	-
Aluminum Formate	-	X	-	-	-	-	-
Aluminum Hydroxide, 2% in water	E	X	-	E	E	E	E
Aluminum Nitrate	E	E	-	-	-	E	-
Aluminum Phosphate	-	E	-	-	-	-	-
Aluminum Potassium Sulfate	E	E	-	-	-	E	-
Aluminum Sodium Sulfate	-	E	-	-	-	-	-
Aluminum Sulfate, 50% in water	E	E	-	E	E	E	E
Aluminum Salts	-	E	-	E	E	-	E
Amines	-	X	-	F	X	E	X



Chemical Compatibility

Fluid	TF	VI	SR	PM	T	KF	FL
Ammonia Gas	E	X	-	E	E	-	X
Ammonia, Anhydrous Liquid	-	X	G/F	E	G	-	X
Ammonium Acetate, 45% in water	E	X	-	E	E	-	X
Ammonium Bicarbonate	-	X	-	-	-	-	-
Ammonium Bifluoride	E	E	-	-	-	-	-
Ammonium Carbonate, 20% in water	E	E	-	E	E	-	E
Ammonium Chloride	E	E	-	E	-	E	
Ammonium Diphosphate	-	E	-	-	-	-	-
Ammonium Fluoride	-	E	-	-	-	-	-
Ammonium Hydroxide, 5-10% in water	E	G	-	E	E	E	X
Ammonium Hydroxide, 30% in water	E	F	-	E	E	E	X
Ammonium Nitrate	E	E	-	E	-	E	
Ammonium Nitrite	-	E	-	-	-	-	-
Ammonium Persulfate, 30% in water	E	E	-	E	E	E	E
Ammonium Phosphate	E	E	-	-	-	E	-
Ammonium Salts	-	F	-	E	E	-	E
Ammonium Sulfamate	-	X	-	-	-	-	-
Ammonium Sulfate, 30% in water	E	G	-	E	E	E	E
Ammonium Sulfide	-	G	-	-	-	-	-
Ammonium Sulfite	E	E	-	-	-	E	-
Ammonium Thiocyanate	-	E	-	-	-	-	-
Ammonium Thiosulfate	-	E	-	-	-	-	-
Amyl Acetate	E	X	-	G	X	E	X
Amyl Alcohol	E	G	-	X	X	E	E
Amyl Borate	-	E	-	-	-	-	-
Amyl Butyrate	-	G	-	-	-	-	-
Amyl Chloride	E	E	-	F	X	E	X
Amyl Chloronaphtalene	-	E	-	-	-	-	-
Amyl Cinnamic Aldehyde	-	X	-	-	-	-	-
Amyl Laurate	-	E	-	-	-	-	-
Amyl Naphtalene	-	E	-	-	-	-	-
Amyl Phenol	-	E	-	-	-	-	-
Amyl Propionate	-	E	-	-	-	-	-
Aniline	E	G	X	F	X	E	X
Aniline Dyes	-	G	-	-	-	-	-
Aniline Hydrochloride	E	G	G/F	F	X	-	X
Antimony Salts	-	G	E	E	E	-	E
Aqua Regia	E	G	X	X	X	E	X
Aromatic Hydrocarbons	-	-	-	X	X	-	X
Arsenic Acid, 20% in water	E/G	E	-	F	E	E/G	E
Arsenic Salts	-	-	-	E	E	-	E
ASTM Reference No. 1 Oil	-	E	E	F	X	-	E
ASTM Reference No. 2 Oil	-	E	E	X	X	-	E
ASTM Reference No. 3 Oil	-	E	G/F	X	X	-	E
Barium Carbonate, 1% in water	E	E	E	E	E	E	E
Barium Chloride	E	E	E		-	E	-
Barium Hydroxide, 5% in water	E	E	-	E	E	E	E
Barium Nitrate	E	E	E		-	E	-
Barium Sulfate	E	E	E		-	E	-
Beer	E	E	E	E	E	E	E
Benzaldehyde	E	X	-	X	X	E	X
Benzene	G	G	X	X	X	G	X
Benzenesulfonic Acid	-	E	-	X	X	-	X
Benzoic Acid	E	E	E	G	X	E	X

Chemical Compatibility

Fluid	TF	VI	SR	PM	T	KF	FL
Benzyl Alcohol	-	E	G/F	E	X	-	E
Bleach Liquor, 22% in water	E	E	-	E	E	-	E
Borax, 6% in water	E	E	E	E	E	E	E
Boric Acid, 4% in water	E	E	E	E	E	E	E
Bromine, Anhydrous Liquid	E	E	-	X	X	E	X
Butadiene	E	F	G/F	E	E	E	E
Butane	E	E	-	E	E	E	E
Butyl Acetate	-	X	-	G	X	-	X
Butyl Alcohol	-	E	-	X	X	-	E
Butyric Acid	E	F	-	G	X	E	X
Calcium Bisulfite	E	E	-	-	-	-	-
Calcium Carbonate, 25% in dilute acids	E	E	-	E	E	-	E
Calcium Chloride, 30% in water	E	E	E	E	E	E	E
Calcium Hydroxide, 10% in glycerol	E	E	E	E	E	E	E
Calcium Hypochlorite, 20% in water	E	E	-	E	E	G	E
Calcium Nitrate, 55% in water	E	E	E	E	E	E	E
Calcium Salts	-	E	-	E	E	-	E
Calcium Sulfate, 0.2% in water	E	G	-	E	E	E	E
Carbon Dioxide, Wet/Dry	E	E	E	E	E	-	E
Carbon Bisulfide	-	G	-	-	-	-	G
Carbon Disulfide	E	G	X	X	X	E	-
Carbon Monoxide	E	E	E	E	E	E	E
Carbon Tetrachloride	E	E	-	X	X	E	X
Carbonic Acid	E	E	-	E	E	E	E
Castor Oil	-	E	-	F	X	-	E
Cellosolve	-	X	-	F	X	-	X
Cellosolve Acetate	-	X	-	F	X	-	X
Chlorine, Dry Gas	E	E	-	F	E	X	E
Chlorine, Wet Gas	-	G	-	X	G	-	E
Chloroacetic Acid, 20% in water	E	X	-	G	E	E	X
Chlorobenzene, Mono, Di, Tri	G	E	X	X	X	E	X
Chloroform	E	G	-	F	X	G	X
Chlorosulfonic Acid	E	X	X	X	X	E	X
Chromic Acid, 10-20% in water	E	E	-	E	G	E	E
Chromic Acid, 50% in water	E	E	-	F	F	E	E
Citric Acid, 10-20% in water	E	E	-	E	E	E	X
Coconut Oil	-	E	E	F	X	-	E
Corn Syrup	-	E	-	E	E	-	E
Cottonseed Oil	-	E	-	F	X	-	E
Cresol (m, o, or p)	-	E	-	X	X	E	E
Cresylic Acid	-	E	-	G	X	-	X
Cupric Chloride, 40% in water	-	-	-	E	E	-	E
Cupric Nitrate, 70% in water	-	-	-	E	E	-	E
Cupric Sulfate, 13% in water	-	E	-	E	E	-	E
Cyclohexane	E	E	G/F	X	X	E	E
Cyclohexanone	E	X	-	X	X	-	X
Detergent Solutions	E	E	-	G	E	E	E
Dibutyl Phthalate	-	F	E	E	F	-	E
Dichlorethane	E	E	X	-	-	E	-
Diesel Fuel	E	G	G/F	X	X	E	E
Diethylamine	-	X	-	E	E	E	X
Diethylene Glycol	E	E	E	E	E	-	E
Dimethylformamide	E	X	X	G	X	E	X
Dimethylsulfoxide	-	X	-	X	X	-	X



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Fluid	TF	VI	SR	PM	T	KF	FL
Dioctyl Phthalate	-	E	-	E	F	-	E
Dioxane	-	X	-	X	X	-	X
Ethanol Amine	E	X	-	-	-	-	-
Ether	E	X	-	F	X	G	X
Ethyl Acetate	E	X	-	G	X	E	X
Ethyl Alcohol	-	G	-	X	X	-	X
Ethyl Benzoate	E	E	-	X	X	-	X
Ethyl Chloride	E	E	X	F	X	G	X
Ethyl Ether	E	X	X	F	X	E	X
Ethylene Bromide	E	-	-	X	X	G	E
Ethylene Chloride	E	-	X	-	-	E	-
Ethylene Chlorohydrine	E	-	-	E	X	-	X
Ethylene Dichloride	E	-	-	F	X	E	X
Ethylene Glycol	E	-	G/F	E	E	E	E
Ethylene Oxide	E	-	-	E	E	E	E
Fatty Acids	E	E	-	F	X	E	E
Ferric Chloride, 43% in water	E	E	-	E	E	E	E
Ferric Nitrate, 60% in water	E	E	-	E	E	E	E
Ferric Sulfate, 5% in water	E	E	-	E	E	E	E
Ferrous Chloride, 40% in water	E	E	-	E	E	G	E
Ferrous Sulfate, 5% in water	E	E	-	E	E	E	E
Fluoboric Acid, 48% in water	E	-	-	X	E	G	E
Fluorine Gas	X	-	-	X	X	E	G
Fluosilicic Acid, 25% in water	E	E	-	F	E	F	E
Formaldehyde, 37% in water	E	X	-	X	X	E	X
Formic Acid, 25% in water	E	X	-	E	E	E	E
Formic Acid, 40-50% in water	E	X	-	G	G	E	F
Formic Acid, 98% in water	E	X	-	G	G	E	X
Freon 11	E	G	-	E	E	E	G
Freon 12	F	G	-	E	E	F	G
Freon 22	E	X	-	E	E	E	G
Fruit Juice	E	-	E	E	E	E	E
Fuel Oil	G	E	-	X	X	E	E
Furfural	E	X	-	X	X	X	X
Gallic Acid, 17% in acetone	G	E	-	G	X	E	X
Gasoline, Automotive	G	E	G/F	X	X	E	E
Gelatine	E	E	E	E	E	-	E
Glucose, 50% in water	E	E	E	E	E	-	E
Glycerine	E	E	-	E	E	E/G	E
Glycolic Acid, 70% in water	E	-	G/F	G	E	G	X
Heptane	E	E	X	X	X	E	G
Hexane	E	E	X	X	X	E	G
Hydrazine	E	X	-	F	X	-	X
Hydrobromic Acid, 20-50% in water	E	E	-	X	E	E	E
Hydrobromic Acid, 100% in water	E	E	-	X	E	E	E
Hydrochloric Acid, 10% in water	-	E	-	E	E	E	E
Hydrochloric Acid, 37% in water	E	E	-	G	E	E	G
Hydrochloric Acid, conc	E	E	-	-	-	E	-
Hydrocyanic Acid	E	E	-	E	E	-	X
Hydrofluoric Acid, 10% in water	E	X	-	X	E	G	E
Hydrofluoric Acid, 25% in water	E	X	-	X	E	G	E
Hydrofluoric Acid, 40-48% in water	E	X	-	X	G	G	E
Hydrogen Gas	E	E	E	E	E	G	E
Hydrogen Peroxide, 3% in water	E	E	G/F	E	E	E	E

Chemical Compatibility

Fluid	TF	VI	SR	PM	T	KF	FL
Hydrogen Peroxide, 10% in water	E	E	G/F	E	E	E	E
Hydrogen Peroxide, 30% in water	E	E	G/F	E	E	G	E
Hydrogen Peroxide, 90% in water	E	G	-	G	X	G	E
Hydrogen Sulfide	E	X	-	E	E	G	E
Hydroquinone, 7% in water	E	G	-	G	E	-	E
Hypochlorous Acid, 25% in water	E	E	-	E	E	-	E
Iodine, 50 ppm in w	E	E	G/F	E	E	E	E
Isobutyl Alcohol	-	E	E	F	X	-	E
Isooctane	E	E	G/F	X	X	-	E
Isopropyl Acetate	E	X	X	G	X	-	X
Isopropyl Alcohol	-	E	-	F	X	-	E
Isopropyl Ether	E	X	X	F	X	E	X
Jet Fuel, JP8	E	E	-	X	X	E	E
Kerosene	E	E	G/F	X	X	E	E
Ketones	E	-	-	X	X	G	X
Lacquer Solvents	E	X	-	G	X	-	X
Lactic Acid, 3-10% in water	E	E	-	E	E	E	X
Lactic Acid, 85% in water	E	E	-	G	X	E	X
Lard, Animal Fat	E	E	-	F	X	-	E
Lead Acetate, 35% in water	E	X	-	E	E	E	E
Lead Salts	-	-	-	E	E	-	E
Lemon Oil	-	-	-	X	X	-	E
Limonene-D	-	-	-	X	X	-	E
Linoleic Acid	E	G	G/F	F	X	-	E
Linseed Oil	-	E	E	F	X	-	E
Lubricating Oils, Petroleum	-	E	-	X	X	-	E
Magnesium Carbonate, 1% in water	E	-	-	E	E	-	E
Magnesium Chloride, 35% in water	E	E	-	E	E	E	E
Magnesium Hydroxide, 10% in dil. acid	E	E	-	E	E	E	E
Magnesium Nitrate, 50% in water	E	-	-	E	E	-	E
Magnesium Sulfate, 25% in water	E	E	-	E	E	E	E
Maleic Acid, 30% in water	E	E	-	F	X	-	E
Maleic Anhydride	E	X	-	-	-	-	-
Malic Acid, 36% in water	E	E	-	E	E	-	X
Manganese Salts	E	E	-	E	E	E	E
Melamine	E	-	-	-	-	-	-
Mercuric Chloride, 6% in water	E	E	-	E	E	E	E
Mercuric Cyanide, 8% in water	G	E	-	E	E	X	E
Mercury	E	E	E	E	E	E	E
Mercury Salts	-	-	E	E	E	-	E
Methane Gas	E	E	E	E	E	-	E
Methanol	E	X	E	E	X	E	X
Methyl Acetate	E	X	-	G	X	E	X
Methyl Acrylate	-	X	X	-	-	-	-
Methyl Bromide	E	E	X	F	X	-	X
Methyl Cellosolve	E	X	-	-	-	-	-
Methyl Chloride	E	G	-	F	X	-	X
Methyl Dichloride	-	-	-	-	-	-	-
Methyl Ethyl Ketone	E	X	X	X	X	E	X
Methyl Isobutyl Ketone	E	-	X	X	X	E	X
Methylene Chloride	E	F	X	F	X	E	X
Methyl Methacrylate	-	X	X	X	X	-	F
Milk	E	E	E	E	E	E	E
Mineral Oil	-	E	G/F	X	F	-	E



Chemical Compatibility

Fluid	TF	VI	SR	PM	T	KF	FL
Mineral Spirits	E	-	-	X	X	E	E
Molasses	E	-	-	E	E	E	E
Monoethanolamine	E	X	-	F	X	-	X
Motor Oil	E	-	-	X	X	E	E
Naphtha	G	E	-	E	X	E	E
Naphthalene	E	E	-	E	X	E	E
Natural Gas	E	E	E	E	E	-	E
Nickel Chloride, 40% in water	E	E	-	E	E	E	E
Nickel Nitrate, 75% in water	E	E	-	E	E	E	E
Nickel Salts	-	-	-	E	E	-	E
Nickel Sulfate, 25% in water	E	E	-	E	E	E	E
Nitric Acid, 10% in water	E	F	G/F	E	E	E	E
Nitric Acid, 35% in water	E	E	G/F	E	E	E	F
Nitric Acid, 68-71% in water	E	G	F/X	X	X	E	X
Nitrobenzene	E	F	X	X	X	E	X
Nitromethane	E	X	X	X	X	E	X
Nitrous Acid, 10% in water	E	-	-	E	E	G	E
Nitrous Oxide	E	F	-	E	E	-	E
Oils, Animal	E	E	G/F	F	X	-	E
Oils, Essential	-	E	G/F	X	X	-	E
Oils, Hydraulic (Phosphate Ester)	E	E	-	X	X	-	E
Oils, Hydrocarbon	-	E	-	X	X	-	E
Oils, Vegetable	E	E	G	F	X	-	E
Oleic Acid	E	G	-	F	X	G	E
Oleum, 25% in water	E	G	X	E	E	E	E
Ortho Dichlorobenzene	-	-	-	X	X	-	X
Oxalic Acid, 12% in water	E	E	-	G	G	X	X
Oxygen	-	G	E	E	E	-	E
Ozone, 300pphm	E	E	E	E	E	E	E
Palmitic Acid, 100% in ether	E	E	-	F	X	-	E
Paraffins	E	E	-	X	X	-	G
Pentane	E	E	-	-	-	-	-
Perchloric Acid, 67% in water	E	E	-	E	F	G	E
Perchloroethylene	E	E	X	F	X	E	X
Phenol, 5-10% in water	E	E	-	E	G	E	E
Phenol, 91% in water	G	E	-	E	X	G	E
Phosphoric Acid, <10% in water	E	E	-	E	E	E	E
Phosphoric Acid, 25% in water	E	E	-	E	E	E	E
Phosphoric Acid, 85% in water	-	E	-	E	E	-	E
Phosphorous Trichloride Acid	E	E	-	G	E	E	G
Photographic Solutions	E	-	-	G	E	E	E
Phthalic Acid, 9% in alc	E	G	-	E	X	-	E
Phthalic Anhydride, 9% in alc	E	X	-	E	X	-	X
Picric Acid, 1% in water	E	E	E	X		E	E
Plating Solutions	E	E	-	E	E	-	E
Potassium Bicarbonate	E	E	-	-	-	E	-
Potassium Carbonate, 55% in water	-	G	E	E	E	-	E
Potassium Chromate	-	G	-	-	-	-	-
Potassium Cyanide, 33% in water	E	E	E	E	E	E	E
Potassium Dichromate, 5% in water	E	E	-	E	E	E	E
Potassium Ferrocyanide	E	G	-	-	-	E	-
Potassium Hydroxide, <10% in water	E	X	-	E	E	G	E
Potassium Iodide, 56% in water	E	E	-	E	E	-	E
Potassium Permanganate, 6% in water	E	G	-	E	E	-	E

Chemical Compatibility

Fluid	TF	VI	SR	PM	T	KF	FL
Potassium Salts	-	-	-	E	E	-	E
Propane Gas	-	E	E	E	E	-	E
Propylene Glycol	-	E	-	E	E	-	E
Propylene Oxide	-	X	-	E	E	-	E
Pyridine	E	X	X	F	X	E	X
Salicylic Acid, 1% in water	E	E	-	E	E	E	X
Silicone Oils	E	E	E	F	G	-	E
Silver Nitrate, 55% in water	E	E	-	E	E	E	E
Skydrol 500A	-	X	X	X	X	-	E
Soap Solutions	E	E	-	G		-	E
Sodium Acetate, 55% in water	E	E	-	E	E	E	E
Sodium Benzoate, 22% in water	E	G	-	E	E	-	E
Sodium Bicarbonate, 7% in water	E	E	-	E	E	E	E
Sodium Borate	E	E	-	-	-	-	-
Sodium Carbonate, 7% in water	E	E	-	E	E	E	E
Sodium Chlorate, 45% in water	E	G	-	E	E	-	E
Sodium Chloride, 20% in water	E	E	-	E	E	E	E
Sodium Cyanide, 30% in water	E	E	-	E	E	E	E
Sodium Fluoride, 3% in water	E	E	-	E	E	-	E
Sodium Hydroxide, 10-15% in water	E	G	-	E	E	E	E
Sodium Hydroxide, 30-40% in water	E	G	-	E	E	G	E
Sodium Hypochlorite, 5.5% in water	E	E	-	E	E	E	E
Sodium Hypochlorite, 12.2% in water	E	E	-	E	E	E	E
Sodium Nitrate, 3.5% in water	E	E	-	E	E	E	E
Sodium Peroxide	E	G	-	-	-	E	-
Sodium Salts	-	E	-	E	E	-	E
Sodium Silicate	E	E	-	-	-	E	-
Sodium Sulfates, 3.6% in water	E	E	-	E	E	E	E
Sodium Sulfide, 13% in water	E	E	-	E	E	E	E
Stannic Chloride, 50% in water	E	E	-	E	E	E	E
Stannous Chloride, 45% in water	E	E	-	E	E	E	E
Stearic Acid, 5% in alc	E	E	E	F	X	-	E
Styrene Monomer	E	G	X	X	X	-	F
Sulfur Chloride	E	E	-	X	X	E	E
Sulfur Dioxide, Dry Gas	E	G	-	E	E	E	E
Sulfur Dioxide, Wet Gas	E	G	-	E	E	E	E
Sulfur Trioxide, Wet	E	E	-	G	G	-	G
Sulfuric Acid, 10% in water	E	E	-	E	E	E	E
Sulfuric Acid, 30% in water	E	E	-	E	E	E	E
Sulfuric Acid, 95-98% in water	E	E	X	X	X	E	E
Sulfurous Acid	E	F	-	E	E	E	E
Tannic Acid, 75% in water	E	E	E	G	G	E	X
Tartaric Acid, 56% in water	E	G	-	E	E	E	E
Tetrahydrofuran	E	X	-	X	X	E	X
Thionyl Chloride	-	G	-	E	E	-	E
Tin Salts	E	-	-	E	E	-	E
Titanium Salts	-	-	-	E	E	-	E
Toluene	E	G	X	X	X	G	F
Trichloroacetic Acid, 90% in water	E	X	-	G	E	E	X
Trichloroethane	E	E	-	F	X	E	X
Triethanolamine	E	X	-	F	X	E	X
Triethylamine	E	X	-	-	-	E	-
Trichloroethylene	E	E	X	F	X	E	X
Trichloropropane	E	E	-	F	X	E	X



Chemical Compatibility

Fluid	TF	VI	SR	PM	T	KF	FL
Tricresyl Phosphate	E	E	-	E	F	-	E
Trisodium Phosphate	E	-	E	E	E	-	E
Turpentine	E	G	-	X	X	E	E
Urea, 20% in water	E	-	-	E	E	-	E
Uric Acid	E	-	-	E	E	-	F
Vinegar	E	E	-	E	E	E	X
Vinyl Acetate	E	X	-	G	X	-	X
Water, Deionized	E	E	G	E	E	E	E
Water, Distilled	E	E	G	E	E	E	E
Xylene	E	G	X	X	X	E	F
Zinc Chloride, 80% in water	E	E	-	E	E	E	E
Zinc Salts	E	E	-	E	E	-	E

Q-Sense does not warrant (neither expressly nor by implication) that the information in this table is accurate or complete or that any material is suitable for any specific purpose.