KEY
1 Excellent
2 Good
3 Fair
4 Not recommended
- no data

Table of chemical compatibility for tubing

	Silicone	PharMed	Iso-Versinic	PVC
Acetaldehyde	3	4	4	2
Acetamide, 67% in w	1	2	4	4
Acetate Solvents	4	2	4	-
Acetic Acid, 10% in w	1	1	4	1
Acetic Acid, 50-60% in w	1	2	4	1
Acetic Acid, Glacial, 100%	4	2	4	1
Acetic Anhydride	1	1	4	4
Acetone	3	4	4	4
Acetonitrile	4	4	2	4
Acetyl Bromide	4	3	4	-
Acetyl Chloride	4	3	4	-
Acetylene Gas	1	1	1	4
Acrylonitrile	4	4	2	-
Adipic Acid, 100% in alc	4	2	4	1
Air	1	1	1	1
Alcohols General	2	1	4	1
Allyl Alcohol	4	3	1	2
Alum, 5% in w	1	1	1	-
Aliminium Chloride, 53% in w	1	1	1	1
Aliminum Hydroxide, 2% in w	1	1	1	1
Aliminum Sulfate, 50% in w	1	1	1	-
Aliminum Salts	1	1	1	1
Amines	4	3	4	-
Ammonia gas	4	1	4	1
Ammonium Acetate, 45% in w	1	1	4	1
Ammonium Carbonate, 20% in w	1	1	1	1
Ammonium Hydroxide, 5-10% in w	4	1	4	1
Ammonium Hydroxide, 30% in w	4	1	4	1
Ammonium Salts	1	1	1	1
Ammonium Sulfate, 30% in w	1	1	1	1
Amyl Acetate	4	2	4	4
Amyl Alcohol	4	4	1	1
Amyl Chloride	4	3	4	4
Anilin	4	3	4	4
Anilin Hydrochloride	4	3	4	4
Antimony Salts	1	1	1	1
Aqua Regia	4	4	4	4
Aromatic Hydrocarbons	4	4	4	4
Arsenic Acid, 20% in w	3	3	1	-

Arsenic Salts	1	1	1	1
Baruim Carbonate, 1% in w	1	1	1	-
Baruim Hydroxide, 5% in w	1	1	1	1
Beer	1	1	1	1
Benzaldehyde	3	4	4	4
Benzene	4	4	4	4
Benzenesulfonic Acid	4	4	4	1
Benzoic Acid	4	2	4	1
Benzyl Alcohol	1	1	1	2
Bleach Liquor, 22% in w	4	1	1	1
Borax 6% in w	1	1	1	-
Boric Acid, 4% in w	1	1	1	1
Bromine, Anhydrous Liquid	4	4	4	4
Butadiene	1	1	1	3
Butane	1	1	1	4
Butyl Acetate	4	2	4	4
Butyl Alcohol	4	4	1	2
Butyric Acid	4	2	4	2
Calcium Carbonate, 25% in dilute acids	1	1	1	-
Calcium Chloride, 30% in w	1	1	1	1
Calcium Hydroxide, 10% in glycerol	1	1	1	1
Calcium Hypochlorite, 20% in w	4	1	1	1
Calcium Nitrate, 55% in w	1	1	1	1
Calcium Salts	1	1	1	1
Calcium Sulfate, 0,2% in w	1	1	1	-
Carbon Dioxide, Wet/Dry	1	1	1	1
Carbon Disulfide	4	4	2	4
Carbon Monoxide	1	1	1	-
Carbon Tetrachloride	4	4	4	2
Carbonic Acid	1	1	1	-
Chlorine, Dry Gas	4	3	1	1
Chlorine, Wet Gas	4	4	1	1
Chloroacetic Acid, 20% in w	1	2	4	3
Chlorobenzene, Mono, Di, Tri	4	4	4	4
Chloroform	4	3	4	4
Chlorosulfonic Acid	4	4	4	4
Chromic Acid, 10-20% in w	4	1	1	1
Chromic Acid, 50% in w	4	3	1	1
Citric Acid, 10-20% in w	1	1	4	2
Cresol (m,o or p)	2	4	1	4
Cresylic Acid	4	2	4	-
Cyclohexane	4	4	1	2
Cyclohexanone	4	4	4	4
Dibutyl Phthalate	1	1	1	-
Diethylamine	4	1	4	4
Diethylene Glycol	1	1	1	3
Dimethylformamide	1	2	4	3
Dimethylsulfoxide	3	4	4	4
Dioctyl Phthalate	1	1	1	-

Dioxan	4	4	4	3
Ether	4	3	4	4
Ethyl Acetate	4	2	4	4
Ethyl Alcohol	2	1	4	1
Ethyl Benzoate	4	4	4	4
Ethyl Chloride	4	3	4	4
Ethyl Ether	4	3	4	3
Ethylene Bromide	1	4	1	-
Ethylene Chlorohydrin	2	1	4	4
Ethylene Dichloride	4	3	4	4
Ethylene Glycol	1	1	1	1
Ethylene Oxide	1	1	1	3
Fatty Acids	2	3	1	1
Ferric Chloride, 43% in w	1	1	1	1
Ferric Nitrate, 60% in w	1	1	1	1
Ferric Sulfate, 5% in w	1	1	1	1
Ferrous Chloride, 40% in w	1	1	1	1
Ferrous Sulfate, 5% in w	1	1	1	1
Fluoboric Acid, 48% in w	4	4	1	1
Fluorine Gas	4	4	2	-
Fluosilicic Acid, 25% in w	3	3	1	1
Formaldehyde, 37% in w	3	4	4	1
Formic Acid, 25% in w	1	1	1	2
Formic Acid, 40-50% in w	1	2	3	2
Formic Acid, 98% in w	1	2	4	3
Freon	1	1	2	2
Gallic Acid, 17% in aceton	4	2	4	-
Gasoline, Automotive	4	4	1	4
Gelatin	1	1	1	1
Glucose, 50% in w	1	1	1	1
Glyserin	1	1	1	1
Glycolic Acid, 70% in w	1	2	4	-
Heptane	4	4	2	2
Hexane	4	4	2	2
Hydrazine	4	3	4	4
Hydrobromic Acid, 20-50% in w	4	4	1	-
Hydrochloric Acid, 10% in w	1	1	1	1
Hydrochloric Acid, 37% in w	4	2	2	2
Hydrocyanic Acid	1	1	4	1
Hydrofluoric Acid	4	4	1	4
Hydrogen Gas	1	1	1	-
Hydrogen Peroxide, 3% in w	1	1	1	4
Hydrogen Peroxide, 10% in w	1	1	1	4
Hydrogen Peroxide, 30% in w	1	1	1	4
Hydrogen Peroxide, 90% in w	3	2	1	4
Hydrogen Sulfide	1	1	1	1
Hydroquinon, 7% in w	2	2	1	-
Hypochlorous Acid, 25% in w	1	1	1	1
Iodine, 50ppm in w	1	1	1	4

Isobutyl Alcohol	4	3	1	1
Isooctane	4	4	1	-
Isopropyle Acetate	4	2	4	4
Isopropyle Alcohol	4	3	1	1
Isopropyle Ether	4	3	4	-
Jet Fuel, JP8	4	4	1	-
Kerosene	4	4	1	1
Ketones	4	4	4	4
Lacquer Solvents	4	2	4	4
Lactic Acid, 3-10% in w	1	1	4	2
Lactic Acid, 85% in w	4	2	4	2
Lard, Animal, Fat	1	3	1	1
Lead Acetate, 35% in w	1	1	1	-
Linseed Oil	1	3	1	1
Lubricating Oils, Petroleum	2	4	1	2
Magnesium Carbonate, 1% in w	1	1	1	-
Magnesium Chloride, 35% in w	1	1	1	1
Magnesium Hydroxide 10% in dil, acid	1	1	1	1
Magnesium Nitrate 50% in w	1	1	1	1
Magnesium Sulfate, 25% in w	1	1	1	1
Malic Acid, 36% in w	1	1	4	1
Manganese Salts	1	1	1	1
Mercuric Chloride, 6% in w	1	1	1	1
Mercuric Cyanide, 8% in w	1	1	1	1
Mercury	1	1	1	1
Mercury Salts	1	1	1	-
Methane Gas	1	1	1	-
Methanol	2	1	4	1
Methyl Acetate	4	2	4	-
Methyl Bromide	4	3	4	4
Methyl Chloride	4	3	4	-
Methyl Ethyl Ketone	4	4	4	4
Methylene Chloride	4	3	4	4
Methyl Methacrylate	4	4	3	-
Milk	1	1	1	1
Mineral Oil	4	4	1	1
Molasses	1	1	1	1
Naphtha	4	4	1	4
Naphthalene	4	4	1	4
Natural Gas	1	1	1	1
Nickel Chloride, 40% in w	1	1	1	1
Nickel Nitrate, 75% in w	1	1	1	-
Nickel Salts	1	1	1	1
Nickel Sulfate, 25% in w	1	1	1	-
Nitric Acid, 10% in w	3	1	1	1
Nitric Acid, 35% in w	4	1	3	2
Nitric Acid, 68-71% in w	4	4	4	3
Nitrobenzene	4	4	4	4
Nitromethane	4	4	4	4

Nitrous Acid, 10% in w	2	1	1	1
Nitrous Oxide	1	1	1	-
Oils, Animal	1	3	1	4
Oils, Vegetable	1	3	1	4
Oleic Acid	2	3	1	4
Oleum, 25% in w	2	1	1	4
Ortho Dichlorobenzene	4	4	4	-
Oxalic Acid, 12% in w	1	2	4	1
Oxygen	1	1	1	1
Ozone, 300 pphm	1	1	1	1
Paraffins	4	4	2	4
Perchloric Acid, 67% in w	4	1	1	2
Perchloroethylene	4	3	4	4
Phenol, 5-10% in w	1	1	1	3
Phenol, 91% in w	2	1	1	3
Phosphoric Acid, <10% in w	3	1	1	1
Phosphoric Acid, 25% in w	4	1	1	1
Phosphoric Acid, 85% in w	4	1	1	1
Phosphorous Trichloride Acid	4	2	2	-
Phthalic Acid, 9% in alc	2	1	1	1
Phthalic Anhydride 9% in alc	1	1	4	-
Picric Acid, 1% in w	4	4	1	4
Potassium Carbonate, 55% in w	1	1	1	1
Potassium Cyanide, 33% in w	1	1	1	1
Potassium Dichromate, 5% in w	1	1	1	-
Potassium Hydroxide, <10% in w	1	1	1	1
Potassium Iodide, 56% in w	1	1	1	1
Potassium Permanganate, 6% in w	1	1	1	-
Potassium Salts	1	1	1	1
Propane Gas	1	1	1	1
Propylene Glycol	1	1	1	3
Propylene Oxide	1	1	1	3
Pyridine	4	3	4	4
Salicylic Acid, 1% in w	1	1	4	2
Silicone Oils	4	3	1	1
Silver Nitrate, 55% in w	1	1	1	1
Soap Solutions	1	2	1	1
Sodium Acetate, 55% in w	1	1	1	2
Sodium Benzoate, 22% in w	1	1	1	-
Sodium Bicarbonate, 7% in w	1	1	1	1
Sodium Carbonate, 7% in w	1	1	1	-
Sodium Chlorate, 45% in w	1	1	1	-
Sodium Chloride, 20% in w	1	1	1	2
Sodium Cyanide, 30% in w	1	1	1	1
Sodium Fluoride, 3% in w	1	1	1	-
Sodium Hydroxide	1	1	1	1
Sodium Hypochlorite	4	1	1	1
Sodium Nitrate, 3,5% in w	1	1	1	1
Sodium Salts	1	1	1	-

Sodium Sulfates, 3,6% in w	1	1	1	4
Sodium Sulfide, 13% in w	1	1	1	1
Stannic Chloride, 50% in w	1	1	1	-
Stearic Acid, 5% in alc	2	3	1	1
Styrene Monomer	4	4	3	-
Sulfur Chloride	4	4	1	4
Sulfur Dioxide, Dry Gas	1	1	1	1
Sulfur Trioxide, Wet	2	2	2	1
Sulfuric Acid, 10% in w	1	1	1	1
Sulfuric Acid, 30% in w	2	1	1	1
Sulfuric Acid, 95-98% in w	4	4	1	2
Sulfurous Acid	1	1	1	1
Tannic Acid, 75% in w	1	2	4	1
Tartaric Acid, 56% in w	1	1	1	1
Tetrahydrofuran	4	4	4	4
Thionyl Chloride	1	1	1	4
Titanium Salts	1	1	1	-
Toluene	4	4	3	4
Trichloroacetic Acid, 90% in w	1	2	4	3
Trichloroethane	4	3	4	4
Triethanolamine	4	3	4	-
Trichloroethylene	4	3	4	4
Trichloropropane	4	3	4	-
Trisodium Phosphate	1	1	1	-
Turpentine	4	4	1	1
Urea, 20% in w	1	1	1	2
Uric Acid	1	1	3	1
Vinegar	1	1	4	1
Vinyl Acetate	4	2	4	-
Water; Deionized	1	1	1	1
Water; Distilled	1	1	1	1
Xylene	4	4	3	4
Zink Chloride, 80% in w	1	1	1	-
Zinc Salts	1	1	1	-