Chemical Compatibility Chart

A: Suitable B: Consult with TEADIT C: Not recommended

PRODUCT	TF1570	TF1580	TF1590	ePTFE e.g. 24SH / 24B	PL100
Abietic Acid	A	A	A	A	A
Acetaldehyde	A	A	A	A	A
Acetamide	A	A	A	A	A
Acetic Acid (Crude,Glacial,Pure)	A	A	A	A	A
Acetic Anhydride	A	A	A	A	A
Acetone	A	A	A	A	A
Acetonitrile	A	A	A	A	A
Acetophenone	A	A	A	A	A
2-Acetylaminofluorene	A	A	A	A	A
Acetylene	A	A	A	A	A
Acrolein	B	B	B	A	B
Acrylamide	B	B	B	A	B
Acrylic Acid	B	B	B	A	B
Acrylic Anhydride	A	A	A	A	A
Acrylonitrile	B	B	B	A	B
Adipic Acid	A	A	A	A	A
Air	A	A	A	A	A
Allyl Acetate	A	A	A	A	A
Allyl Chloride	A	A	A	A	A
Allyl Methacrylate	A	A	A	A	A
Aluminum Acetate	A	A	A	A	A
Aluminum Chloride	A	A	A	A	A
Aluminum Fluoride	B	A	C	A	B
Aluminum Hydroxide (Solid)	A	A	A	A	A
Aluminum Nitrate	A	A	A	A	A
Aluminum Sulfate	A	A	A	A	A
Alums	A	A	A	A	A
4-Aminodiphenyl	A	A	A	A	A
Ammonium Carbonate	A	A	A	A	A
Ammonia, Liquid or Gas	A	A	A	A	A
Ammonium Chloride	A	A	A	A	A
Ammonium Hydroxide	A	A	A	A	A
Ammonium Nitrate	A	A	A	A	A
Ammonium Phosphate, Dibasic	A	A	A	A	A
Ammonium Phosphate, Monobasic	A	A	A	A	A
Ammonium Phosphate, Tribasic	A	A	A	A	A
Ammonium Sulfate	A	A	A	A	A
Amyl Acetate	A	A	A	A	A
Amyl Alcohol	A	A	A	A	A
Aniline Dyes	A	A	A	A	A
Aniline, Aniline Oil	A	A	A	A	A
Aqua Regia	A	A	A	A	A
Aroclors	A	A	A	A	A
Asphalt	A	A	A	A	A
Aviation Gasoline	A	A	A	A	A
Barium Chloride	A	A	A	A	A
Barium Hydroxide	A	A	A	A	A
Barium Sulfide	A	A	A	A	A
Beer	A	A	A	A	A
Benzaldehyde	A	A	A	A	A
Benzene, Benzol	A	A	A	A	A
Benzidine	A	A	A	A	A
Benzoic Acid	A	A	A	A	A
Benzonitrile	A	A	A	A	A
Benzotrichloride	A	A	A	A	A
Benzoyl Chloride	A	A	A	A	A

Chemical Compatibility Chart

A: Suitable B: Consult with TEADIT C: Not recommended

PRODUCT	TF1570	TF1580	TF1590	ePTFE e.g. 24SH / 24B	PL100
Benzyl Alcohol	A	A	A	A	A
Benzyl Chloride	A	A	A	A	A
Beta-Propiolactone	A	A	A	A	A
Biphenyl	A	A	A	A	A
Bis(2-chloroethyl)ether	A	A	A	A	A
Bis(2-ethylhexyl)phthalate	A	A	A	A	A
Bis(chloromethyl)ether	A	A	A	A	A
Black Sulfate Liquor	B	A	C	A	B
Blast Furnace Gas	A	A	A	A	A
Bleach (Sodium Hyprochlorite)	A	A	A	A	A
Boiler Feed Water	A	A	A	A	A
Bórax	A	A	A	A	A
Boric Acid	A	A	A	A	A
Brine (Sodium Chloride)	A	A	A	A	A
Bromine	A	A	A	A	A
Bromine Trifluoride	C	C	C	C	C
Bromoform	A	A	A	A	A
Bromomethane	A	A	A	A	A
Butadiene	B	B	B	A	B
Butane	A	A	A	A	A
2-Butanone	A	A	A	A	A
Butyl Acetate	A	A	A	A	A
Butyl Alcohol,Butanol	A	A	A	A	A
Butyl Methacrylate	B	B	B	A	B
Butyric Acid	A	A	A	A	A
Calcium Bisulfite	A	A	A	A	A
Calcium Chloride	A	A	A	A	A
Calcium Cyanamide	A	A	A	A	A
Calcium Hydroxide	A	A	B	A	A
Calcium Hypochlorite	A	A	A	A	A
Calcium Nitrate	A	A	A	A	A
Calcium Sulphate	A	A	A	A	A
Calflo AF	A	A	A	A	A
Calflo FG	A	A	A	A	A
Calflo HTF	A	A	A	A	A
Calflo LT	A	A	A	A	A
Cane Sugar Liquors	A	A	A	A	A
Caprolactam	A	A	A	A	A
Captan	A	A	A	A	A
Carbaryl	A	A	A	A	A
Carbolic Acid,Phenol	A	A	A	A	A
Carbon Dioxide,Dry or Wet	A	A	A	A	A
Carbon Disulfide	A	A	A	A	A
Carbon Monoxide	A	A	A	A	A
Carbon Tetrachloride	A	A	A	A	A
Carbonic Acid	A	A	A	A	A
Carbonyl Sulfide	A	A	A	A	A
Castor Oil	A	A	A	A	A
Catechol	A	A	A	A	A
Cetane (Hexadecane)	A	A	A	A	A
China Wood Oil	A	A	A	A	A
Chloramben	A	A	A	A	A
Chlordane	A	A	A	A	A
Chlorinated Solvents,Dry or Wet	A	A	A	A	A
Chlorine Dioxide	A	A	A	A	A

Chemical Compatibility Chart

A: Suitable B: Consult with TEADIT C: Not recommended

PRODUCT	TF1570	TF1580	TF1590	ePTFE e.g. 24SH / 24B	PL100
Chlorine Trifluoride	C	C	C	C	C
Chlorine, Dry or Wet	A	A	A	A	A
Chloroacetic Acid	A	A	A	A	A
2-Chloroacetophenone	A	A	A	A	A
Chloroazotic Acid (Aqua Regia)	A	A	A	A	A
Chlorobenzene	A	A	A	A	A
Chlorobenzilate	A	A	A	A	A
Chloroethane	A	A	A	A	A
Chloroethylene	A	A	A	A	A
Chloroform	A	A	A	A	A
Chloromethyl Methyl Ether	A	A	A	A	A
Chloronitrous Acid (Aqua Regia)	A	A	A	A	A
Chloroprene	A	A	A	A	A
Chlorosulfonic Acid	A	A	A	A	A
Chrome Plating Solutions	B	A	B	A	B
Chromic Acid	A	A	A	A	A
Chromic Anhydride	A	A	A	A	A
Chromium Trioxide	A	A	A	A	A
Citric Acid	A	A	A	A	A
Coke Oven Gas	A	A	A	A	A
Copper Acetate	A	A	A	A	A
Copper Chloride	A	A	A	A	A
Copper Sulfate	A	A	A	A	A
Corn Oil	A	A	A	A	A
Cotton Seed Oil	A	A	A	A	A
Creosote	A	A	A	A	A
Cresols, Cresylic Acid	A	A	A	A	A
Crotonic Acid	A	A	A	A	A
Crude Oil	A	A	A	A	A
Cumene	A	A	A	A	A
Cyclohexane	A	A	A	A	A
Cyclohexanol	B	B	B	B	B
Cyclohexanone	A	A	A	A	A
2,4-D, Salts and Esters	A	A	A	A	A
Detergent Solutions	B	A	B	A	B
Diazomethane	A	A	A	A	A
Dibenzofuran	A	A	A	A	A
Dibenzylether	A	A	A	A	A
1,2-Dibromo-3-chloropropane	A	A	A	A	A
Dibromoethane	A	A	A	A	A
Dibutyl Phthalate	A	A	A	A	A
Dibutyl Sebacate	A	A	A	A	A
1,4-Dichlorobenzene	A	A	A	A	A
3,3-Dichlorobenzidene	A	A	A	A	A
Dichloroethane (1,1 or 1,2)	A	A	A	A	A
Dichloroethyl Ether	A	A	A	A	A
1,1-Dichloroethylene	B	B	B	A	B
Dichloromethane	A	A	A	A	A
1,2-Dichloropropane	A	A	A	A	A
1,3-Dichloropropene	A	A	A	A	A
Dichlorvos	A	A	A	A	A
Diesel Oil	A	A	A	A	A
Diethanolamine	A	A	A	A	A
Diethyl Carbonate	A	A	A	A	A
Diethyl Sulfate	A	A	A	A	A

Chemical Compatibility Chart

A: Suitable B: Consult with TEADIT C: Not recommended

PRODUCT	TF1570	TF1580	TF1590	ePTFE e.g. 24SH / 24B	PL100
3,3-Dimethoxybenzidene	A	A	A	A	A
Dimethyl Carbamoyl Chloride	A	A	A	A	A
Dimethyl Ether	A	A	A	A	A
Dimethyl Hydrazine, Unsymmetrical	A	A	A	A	A
Dimethyl Phthalate	A	A	A	A	A
Dimethyl Sulfate	A	A	A	A	A
Dimethylaminoazobenzene	A	A	A	A	A
3,3-Dimethylbenzidine	A	A	A	A	A
Dimethylformamide	A	A	A	A	A
4,6-Dinitro-o-Cresol and Salts	A	A	A	A	A
2,4-Dinitrophenol	A	A	A	A	A
2,4-Dinitrotoluene	A	A	A	A	A
Dioxane	A	A	A	A	A
1,2-Diphenylhydrazine	A	A	A	A	A
Diphyl DT	A	A	A	A	A
Dowfrost	A	A	A	A	A
Dowfrost HD	A	A	A	A	A
Dowtherm 4000	A	A	A	A	A
Dowtherm A	A	A	A	A	A
Dowtherm E	A	A	A	A	A
Dowtherm G	A	A	A	A	A
Dowtherm HT	A	A	A	A	A
Dowtherm J	A	A	A	A	A
Dowtherm Q	A	A	A	A	A
Dowtherm SR-1	A	A	A	A	A
Epichlorohydrin	A	A	A	A	A
1,2-Epoxybutane	A	A	A	A	A
Ethane	A	A	A	A	A
Ethers	A	A	A	A	A
Ethyl Acetate	A	A	A	A	A
Ethyl Acrylate	B	B	B	A	B
Ethyl Alcohol	A	A	A	A	A
Ethyl Carbamate	A	A	A	A	A
Ethyl Cellulose	A	A	A	A	A
Ethyl Chloride	A	A	A	A	A
Ethyl Ether	A	A	A	A	A
Ethyl Hexoate	A	A	A	A	A
Ethylbenzene	A	A	A	A	A
Ethylene	A	A	A	A	A
Ethylene Bromide	A	A	A	A	A
Ethylene Dibromide	A	A	A	A	A
Ethylene Dichloride	A	A	A	A	A
Ethylene Glycol	A	A	A	A	A
Ethylene Oxide	B	B	B	A	B
Ethylene Thiourea	A	A	A	A	A
Ethyleneimine	B	A	B	A	B
Ethylidine Chloride	A	A	A	A	A
Ferric Chloride	A	A	A	A	A
Ferric Phosphate	A	A	A	A	A
Ferric Sulfate	A	A	A	A	A
Fluorine Dioxide	C	C	C	C	C
Fluorine, Gas	C	C	C	C	C
Fluorine, Liquid	C	C	C	C	C
Formaldehyde	A	A	A	A	A
Formamid	A	A	A	A	A

Chemical Compatibility Chart

A: Suitable B: Consult with TEADIT C: Not recommended

PRODUCT	TF1570	TF1580	TF1590	ePTFE e.g. 24SH / 24B	PL100
Formic Acid	A	A	A	A	A
Freon 12, Frigen 12, Arcton 12	A	A	A	A	A
Freon 22, Frigen 22, Arcton 22	A	A	A	A	A
Fuel Oil	A	A	A	A	A
Fuel Oil, Acid	A	A	A	A	A
Furfural	A	A	A	A	A
Gasoline, Refined	A	A	A	A	A
Gasoline, Sour	A	A	A	A	A
Gelatin	A	A	A	A	A
Generator Gas	A	A	A	A	A
Glucose	A	A	A	A	A
Glue, Protein Base	A	A	A	A	A
Glycerine, Glycerol	A	A	A	A	A
Glycol	A	A	A	A	A
Grain Alcohol	A	A	A	A	A
Grease, Petroleum Base	A	A	A	A	A
Green Sulfate Liquor	B	A	C	A	B
Heptachlor	A	A	A	A	A
Heptane	A	A	A	A	A
Hexachlorobenzene	A	A	A	A	A
Hexachlorobutadiene	A	A	A	A	A
Hexachlorocyclopentadiene	A	A	A	A	A
Hexachloroethane	A	A	A	A	A
Hexadecane	A	A	A	A	A
Hexamethylene Diisocyanate	A	A	A	A	A
Hexamethylphosphoramide	A	A	A	A	A
Hexane	A	A	A	A	A
Hexone	A	A	A	A	A
Hydraulic Oil, Mineral	A	A	A	A	A
Hydraulic Oil, Synthetic	A	A	A	A	A
Hydrazine	A	A	A	A	A
Hydrobromic Acid	A	A	A	A	A
Hydrochloric Acid	A	A	A	A	A
Hydrocyanic Acid	A	A	A	A	A
Hydrofluoric Acid, < 65% > 150°F	C	A	C	A	C
Hydrofluoric Acid, = 150°F	C	A	C	A	C
Hydrofluoric Acid, 65% to Anhydrous, >	C	B	C	A	C
Hydrofluoric Acid, Anhydrous	C	C	C	A	C
Hydrofluorosilicic Acid	C	A	C	A	C
Hydrogen	A	A	A	A	A
Hydrogen Bromide	A	A	A	A	A
Hydrogen chloride (dry)	A	A	A	A	A
Hydrogen Fluoride	C	C	C	A	C
Hydrogen Peroxide,10-90%	A	A	A	A	A
Hydrogen Sulfide,Dry or Wet	A	A	A	A	A
Hydroquinone	A	A	A	A	A
Iodine Pentafluoride	B	B	B	B	B
Iodomethane	A	A	A	A	A
Isobutane	A	A	A	A	A
Isooctane	A	A	A	A	A
Isophorone	A	A	A	A	A
Isopropyl Alcohol	A	A	A	A	A
Jet Fuels (JP Types)	A	A	A	A	A
Kerosene	A	A	A	A	A
Lacquer Solvents	A	A	A	A	A

Chemical Compatibility Chart

A: Suitable B: Consult with TEADIT C: Not recommended

PRODUCT	TF1570	TF1580	TF1590	ePTFE e.g. 24SH / 24B	PL100
Lacquers	A	A	A	A	A
Lactic Acid, Above 150°F	A	A	A	A	A
Lactic Acid, 150°F and below	A	A	A	A	A
Lead Acetate	A	A	A	A	A
Lead Arsenate	A	A	A	A	A
Lime Saltpeter (Calcium Nitrates)	A	A	A	A	A
Lindane	A	A	A	A	A
Linseed Oil	A	A	A	A	A
Liquefied petroleum gas	A	A	A	A	A
Lithium Bromide	A	A	A	A	A
Lithium, Elemental	C	C	C	A	C
Lubricating Oils, Refined	A	A	A	A	A
Lubricating Oils, Sour	A	A	A	A	A
Lubricating Oils,Mineral or Petroleum	A	A	A	A	A
Lye	B	B	C	A	B
Magnesium Chloride	A	A	A	A	A
Magnesium Hydroxide	A	A	A	A	A
Magnesium Sulfate	A	A	A	A	A
Maleic Acid	A	A	A	A	A
Maleic Anhydride	A	A	A	A	A
Mercuric Chloride	A	A	A	A	A
Mercury	A	A	A	A	A
Methane	A	A	A	A	A
Methanol, Methyl Alcohol	A	A	A	A	A
Methoxychlor	A	A	A	A	A
Methyl Alcohol	A	A	A	A	A
Methyl Bromide	A	A	A	A	A
Methyl Chloride	A	A	A	A	A
Methyl Chloroform	A	A	A	A	A
Methyl Ethyl Ketone	A	A	A	A	A
Methyl Hydrazine	A	A	A	A	A
Methyl Iodide	A	A	A	A	A
Methyl Isobutyl Ketone (MIBK)	A	A	A	A	A
Methyl Isocyanate	A	A	A	A	A
Methyl Methacrylate	B	B	B	A	B
Methyl Tert.Butyl Ether (MTBE)	A	A	A	A	A
Methylacrylic Acid	A	A	A	A	A
2-Methylaziridine	B	A	B	A	B
4,4 Methylene Bis (2-chloroaniline)	A	A	A	A	A
Methylene Chloride	A	A	A	A	A
4,4-Methylene Dianiline	A	A	A	A	A
Methylene Diphenyldiisocyanate	A	A	A	A	A
Milk	A	A	A	A	A
Mineral Oils	A	A	A	A	A
Mobiltherm 600	A	A	A	A	A
Mobiltherm 603	A	A	A	A	A
Mobiltherm 605	A	A	A	A	A
Mobiltherm Light	A	A	A	A	A
Molten Alkali Metals	C	C	C	C	C
Monomethylamine	A	A	A	A	A
MultiTherm 100	A	A	A	A	A
MultiTherm 503	A	A	A	A	A
MultiTherm IG-2	A	A	A	A	A
MultiTherm PG-1	A	A	A	A	A
Muriatic Acid	A	A	A	A	A

Chemical Compatibility Chart

A: Suitable B: Consult with TEADIT C: Not recommended

PRODUCT	TF1570	TF1580	TF1590	ePTFE e.g. 24SH / 24B	PL100
N,N-Diethylaniline	A	A	A	A	A
N,N-Dimethyl Aniline	A	A	A	A	A
Naphtha	A	A	A	A	A
Naphthalene	A	A	A	A	A
Naphthols	A	A	A	A	A
Natural Gas	A	A	A	A	A
n-Butyl Amine	A	A	A	A	A
Nickel Chloride	A	A	A	A	A
Nickel Sulfate	A	A	A	A	A
Nitric Acid, Above 0,3	A	A	A	A	A
Nitric Acid, Crude	A	A	A	A	A
Nitric Acid, Less than 0,3	A	A	A	A	A
Nitric Acid, Red Fuming	A	A	A	A	A
2-Nitro-2-Methyl Propanol	A	A	A	A	A
Nitrobenzene	A	A	A	A	A
4-Nitrobiphenyl	A	A	A	A	A
2-Nitro-Butanol	A	A	A	A	A
Nitrocalcite (Calcium Nitrate)	A	A	A	A	A
Nitrogen	A	A	A	A	A
Nitrogen Tetroxide	A	A	A	A	A
Nitrohydrochloric Acid (Aqua Regia)	A	A	A	A	A
Nitromethane	A	A	A	A	A
Nitromuriatic Acid (Aqua Regia)	A	A	A	A	A
4-Nitrophenol	A	A	A	A	A
2-Nitropropane	A	A	A	A	A
N-Methyl-2-Pyrrolidone	A	A	A	A	A
N-Nitrosodimethylamine	A	A	A	A	A
N-Nitrosomorpholine	A	A	A	A	A
N-Nitroso-N-Methylurea	A	A	A	A	A
N-Octadecyl Alcohol	A	A	A	A	A
Norge Niter (Calcium Nitrate)	A	A	A	A	A
Norwegian Saltpeter (Calcium Nitrate)	A	A	A	A	A
o-Anisidine	A	A	A	A	A
Octane	A	A	A	A	A
o-Dichlorobenzene	A	A	A	A	A
Oil, Petroleum	A	A	A	A	A
Oils, Animal and Vegetable	A	A	A	A	A
Oleic Acid	A	A	A	A	A
Oleum	B	C	A	A	B
Orthodichlorobenzene	B	A	A	A	B
o-Toluidine	A	A	A	A	A
Oxalic Acid	B	A	A	A	B
Oxygen, Gas	A *	A *	A *	A *	A *
Ozone	A	A	A	A	A
Palmitic Acid	A	A	A	A	A
Paraffin	A	A	A	A	A
Paratherm HE	A	A	A	A	A
Paratherm NF	A	A	A	A	A
Parathion	A	A	A	A	A
Paraxylene	A	A	A	A	A
Pentachloronitrobenzene	A	A	A	A	A
Pentachlorophenol	A	A	A	A	A
Pentane	A	A	A	A	A
Perchloric Acid	A	A	A	A	A

*** Order as Unbranded and Cleaned for Oxygen Service**

Chemical Compatibility Chart

A: Suitable B: Consult with TEADIT C: Not recommended

PRODUCT	TF1570	TF1580	TF1590	ePTFE e.g. 24SH / 24B	PL100
Perchloroethylene	A	A	A	A	A
Petroleum Oils, Refined	A	A	A	A	A
Petroleum Oils,Crude	A	A	A	A	A
Phenol	A	A	A	A	A
Phosgene	A	A	A	A	A
Phosphate Esters	A	A	A	A	A
Phosphine	A	A	A	A	A
Phosphoric Acid, Pure ≤ 45%	A	A	A	A	A
Phosphoric Acid, Pure, > 45%, ≤ 150°F	B	A	B	A	B
Phosphoric Acid, Pure, > 45%, >150°F	B	A	C	A	B
Phosphoric Acid,Crude	C	A	C	A	C
Phosphorus Pentachloride	A	A	A	A	A
Phosphorus, Elemental	A	A	A	A	A
Phthalic Acid	A	A	A	A	A
Phthalic Anhydride	A	A	A	A	A
Picric Acid, Molten	B	B	B	B	B
Picric Acid, Water Solution	A	A	A	A	A
Pinene	A	A	A	A	A
Piperidine	A	A	A	A	A
Polyacrylonitrile	A	A	A	A	A
Polychlorinated Biphenyls	A	A	A	A	A
Potash, Potassium Carbonate	A	A	A	A	A
Potassium Acetate	A	A	A	A	A
Potassium Bichromate	A	A	A	A	A
Potassium chlorate	A	A	A	A	A
Potassium chloride	A	A	A	A	A
Potassium Chromate, Red	A	A	A	A	A
Potassium Cyanide	A	A	A	A	A
Potassium Dichromate	A	A	A	A	A
Potassium Hydroxide	B	A	C	A	B
Potassium Hypochlorite	A	A	A	A	A
Potassium iodide	A	A	A	A	A
Potassium Nitrate	A	A	A	A	A
Potassium Permanganate	A	A	A	A	A
Potassium Sulfate	A	A	A	A	A
Potassium, Elemental	C	C	C	C	C
p-Phenylenediamine	A	A	A	A	A
Producer Gas	A	A	A	A	A
Propane	A	A	A	A	A
1,3-Propane Sultone	A	A	A	A	A
Propionaldehyde	A	A	A	A	A
Propoxur (Baygon)	A	A	A	A	A
Propyl alcohol	A	A	A	A	A
Propyl Nitrate	A	A	A	A	A
Propylene	A	A	A	A	A
Propylene Dichloride	A	A	A	A	A
Propylene Glycol	A	A	A	A	A
Propylene Oxide	A	A	A	A	A
1,2-Propylenimine	B	A	B	A	B
Prussic Acid, Hydrocyanic Acid	A	A	A	A	A
Pyridine	A	A	A	A	A
Quinoline	A	A	A	A	A
Quinone	A	A	A	A	A
Rapeseed oil	A	A	A	A	A
Refrigerant, 10	A	A	A	A	A

Chemical Compatibility Chart

A: Suitable B: Consult with TEADIT C: Not recommended

PRODUCT	TF1570	TF1580	TF1590	ePTFE e.g. 24SH / 24B	PL100
Refrigerant, 218	A	A	A	A	A
Refrigerant, 11	A	A	A	A	A
Refrigerant, 112	A	A	A	A	A
Refrigerant, 113	A	A	A	A	A
Refrigerant, 114	A	A	A	A	A
Refrigerant, 114B2	A	A	A	A	A
Refrigerant, 115	A	A	A	A	A
Refrigerant, 12	A	A	A	A	A
Refrigerant, 123	A	A	A	A	A
Refrigerant, 124	A	A	A	A	A
Refrigerant, 125	A	A	A	A	A
Refrigerant, 13	A	A	A	A	A
Refrigerant, 134a	A	A	A	A	A
Refrigerant, 13B1	A	A	A	A	A
Refrigerant, 141b	A	A	A	A	A
Refrigerant, 142b	A	A	A	A	A
Refrigerant, 143a	A	A	A	A	A
Refrigerant, 152a	A	A	A	A	A
Refrigerant, 21	A	A	A	A	A
Refrigerant, 22	A	A	A	A	A
Refrigerant, 23	A	A	A	A	A
Refrigerant, 290	A	A	A	A	A
Refrigerant, 31	A	A	A	A	A
Refrigerant, 32	A	A	A	A	A
Refrigerant, 500	A	A	A	A	A
Refrigerant, 502	A	A	A	A	A
Refrigerant, 503	A	A	A	A	A
Refrigerant, 507	A	A	A	A	A
Refrigerant, 744 (Carbon dioxide)	A	A	A	A	A
Refrigerant, 777 (Ammonia)	A	A	A	A	A
Refrigerant, C316	A	A	A	A	A
Refrigerant, C318	A	A	A	A	A
Refrigerant, HP62	A	A	A	A	A
Refrigerant, HP80	A	A	A	A	A
Refrigerant, HP81	A	A	A	A	A
Salicylic Acid	A	A	A	A	A
Salicylic Acid, 10%, = 150°F	A	A	A	A	A
Salt Water	A	A	A	A	A
Saltpeter, Potassium Nitrate	A	A	A	A	A
Sewage	A	A	A	A	A
Silicone Oil	A	A	A	A	A
Silver Nitrate	A	A	A	A	A
Skydrols	A	A	A	A	A
Soap Solutions	A	A	A	A	A
Soda Ash, Sodium Carbonate	A	A	A	A	A
Sodium Aluminate	A	A	A	A	A
Sodium Bicarbonate, Baking Soda	A	A	A	A	A
Sodium Bisulfate, Dry	A	A	A	A	A
Sodium Bisulfite	A	A	A	A	A
Sodium Chlorate	A	A	A	A	A
Sodium Chloride	A	A	A	A	A
Sodium Cyanide	C	A	C	A	C
Sodium Hydroxide	B	A	C	A	B
Sodium Hypochlorite	A	A	A	A	A
Sodium Metaborate Peroxyhydrate	A	A	A	A	A

Chemical Compatibility Chart

A: Suitable B: Consult with TEADIT C: Not recommended

PRODUCT	TF1570	TF1580	TF1590	ePTFE e.g. 24SH / 24B	PL100
Sodium Metaphosphate	A	A	B	A	A
Sodium Nitrate	A	A	A	A	A
Sodium Perborate	A	A	A	A	A
Sodium Peroxide	A	A	A	A	A
Sodium Phosphate, Dibasic	B	A	B	A	B
Sodium Phosphate, Monobasic	A	A	A	A	A
Sodium Phosphate, Tribasic	B	A	C	A	B
Sodium Silicate	B	A	B	A	B
Sodium Sulfate	A	A	A	A	A
Sodium Sulfide	A	A	A	A	A
Sodium Superoxide	A	A	A	A	A
Sodium Thiosulfate, Hypo	A	A	A	A	A
Sodium, Elemental	C	C	C	C	C
Soybean Oil10	A	A	A	A	A
Stannic Chloride	A	A	A	A	A
Starch	A	A	A	A	A
Steam	A	A	A	A	A
Stearic Acid	A	A	A	A	A
Styrene	B	B	B	A	B
Styrene Oxide	A	A	A	A	A
Sugar	A	A	A	A	A
Sulfur Chloride	A	A	A	A	A
Sulfur Dioxide	A	A	A	A	A
Sulfur Trioxide, Dry or Wet	A	A	A	A	A
Sulfur, Molten	A	A	A	A	A
Sulfuric Acid, 10%, Above 150°F	A	A	A	A	A
Sulfuric Acid, 10-75%, 500°F and below	A	A	A	A	A
Sulfuric Acid, 75-98%, 150°F and below	A	B	A	A	A
Sulfuric Acid, 75-98%, 150°F to 500°F	B	B	A	A	B
Sulfuric Acid, Fuming	B	C	A	A	B
Sulfurous Acid	A	A	A	A	A
Syltherm 800	A	A	A	A	A
Syltherm XLT	A	A	A	A	A
Tannic Acid	A	A	A	A	A
Tar	A	A	A	A	A
Tartaric Acid	A	A	A	A	A
2,3,7,8-TCDB-p-Dioxin	A	A	A	A	A
tert-Butyl Amine	A	A	A	A	A
Tetrabromoethane	A	A	A	A	A
Tetrachlorethane	A	A	A	A	A
Tetrachloroethylene	A	A	A	A	A
Tetrahydrofuran, THF	A	A	A	A	A
Therminol 44	A	A	A	A	A
Therminol 55	A	A	A	A	A
Therminol 59	A	A	A	A	A
Therminol 60	A	A	A	A	A
Therminol 66	A	A	A	A	A
Therminol 75	A	A	A	A	A
Therminol D12	A	A	A	A	A
Therminol LT	A	A	A	A	A
Therminol VP-1	A	A	A	A	A
Therminol XP	A	A	A	A	A
Thionyl Chloride	A	A	A	A	A
Titanium Sulfate	A	A	A	A	A
Titanium Tetrachloride	A	A	A	A	A

Chemical Compatibility Chart

A: Suitable B: Consult with TEADIT C: Not recommended

PRODUCT	TF1570	TF1580	TF1590	ePTFE e.g. 24SH / 24B	PL100
Toluene	A	A	A	A	A
Toluene Sulfonic Acid	A	A	A	A	A
2,4-Toluenediamine	A	A	A	A	A
2,4-Toluenediisocyanate	A	A	A	A	A
Toxaphine	A	A	A	A	A
Transformer Oil (Mineral Type)	A	A	A	A	A
Transmission Fluid	A	A	A	A	A
Trichloroacetic Acid	A	A	A	A	A
Trichlorobenzene	A	A	A	A	A
1,2,4- Trichlorobenzene	A	A	A	A	A
1,1,2-Trichloroethane	A	A	A	A	A
Trichloroethylene	A	A	A	A	A
2,4,5-Trichlorophenol	A	A	A	A	A
2,4,6-Trichlorophenol	A	A	A	A	A
Tricresylphosphate	A	A	A	A	A
Triethanolamine	A	A	A	A	A
Triethyl Aluminum	A	A	A	A	A
Triethylamine	A	A	A	A	A
Trifluralin	A	A	A	A	A
2,2,4-Trimethylpentane	A	A	A	A	A
Tung Oil	A	A	A	A	A
Turpentine	A	A	A	A	A
Turpentine	A	A	A	A	A
UCON Heat Transfer Fluid 500	A	A	A	A	A
UCON Process Fluid WS	A	A	A	A	A
Urea, = 65°C	A	A	A	A	A
Urea, > 65°C	A	A	A	A	A
Varnish	A	A	A	A	A
Vinegar10	A	A	A	A	A
Vinyl Acetate	B	B	B	A	B
Vinyl Bromide	B	B	B	A	B
Vinyl Chloride	B	B	B	A	B
Vinyl Methacrylate	A	A	A	A	A
Vinylidene Chloride	B	B	B	A	B
Water chlorinated	A	A	A	A	A
Water, Acid Mine, with Oxidizing Salt	A	A	A	A	A
Water, Acid Mine,No Oxidizing Salts	A	A	A	A	A
Water, Distilled	A	A	A	A	A
Water, Retum Condensate	A	A	A	A	A
Water, Seawater	A	A	A	A	A
Water, Tap	A	A	A	A	A
Whiskey and Wines	A	A	A	A	A
Wood Alcohol	A	A	A	A	A
Xceltherm 550	A	A	A	A	A
Xceltherm 600	A	A	A	A	A
Xceltherm MK1	A	A	A	A	A
Xceltyherm XT	A	A	A	A	A
Xylene	A	A	A	A	A
Zinc Chloride	A	A	A	A	A
Zinc Sulfate	A	A	A	A	A

NOTE: Properties and application parameters shown throughout this Tealon Chemical Compatibility Chart are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult with TEADIT. Failure to select proper sealing products could result in property damage and/or serious personal injury. Specifications subject to change without notice; this edition cancels all previous issues.