

PEEK (Polyetheretherketone) Chemical Compatibility Reference Chart

Provided by: <https://fluidmec.cn/>

Introduction

This document provides reference information on the chemical compatibility of [PEEK](#) (Polyetheretherketone) with various common chemicals. PEEK is a high-performance thermoplastic known for its excellent mechanical strength, thermal stability, and resistance to a wide range of chemicals, making it suitable for demanding industrial applications.

The information presented here is compiled from various sources and is intended for **general guidance only**. The actual performance of PEEK in contact with a specific chemical can be significantly influenced by factors such as temperature, pressure, concentration, duration of exposure, and the presence of other chemicals or stresses.

For critical applications, it is imperative to conduct practical testing under the specific operating conditions to verify the suitability of PEEK. Relying solely on this chart without application-specific testing is not recommended.

Ratings: Chemical Effect

The compatibility ratings used in this chart are defined as follows:

- **A = Excellent:** No significant effect expected; suitable for long-term exposure under typical conditions.
- **B = Good:** Minor effect, such as slight discoloration or minimal loss of properties. Suitable for many applications, but testing may be advisable for critical uses or prolonged exposure.
- **C = Fair:** Moderate effect observed, such as softening, swelling, or loss of strength. Not recommended for continuous service; limited exposure might be acceptable in some non-critical applications.
- **D = Severe Effect:** Significant degradation, decomposition, or dissolution. Not recommended for ANY use.
- **N/A = Information Not Available:** Reliable compatibility data for this specific chemical combination was not available at the time of compilation.

Explanation of Footnotes

(Note: These general footnotes may apply to specific entries where indicated in the original data source, often referring to temperature limitations.)

- **1.** Satisfactory to 72°F (22°C)
- **2.** Satisfactory to 120°F (48°C)

CAUTION / IMPORTANT DISCLAIMER

This chemical compatibility chart is provided as a reference tool only. Variations in chemical behavior can occur due to factors such as temperature, pressure, concentration, and duration of exposure, which can cause equipment or material failure even if an initial test indicated compatibility. The data may not account for all possible variables in a specific application environment. **It is the user's sole responsibility to evaluate and test the suitability of PEEK for their specific application and operating conditions.** FLUIDMEC.CN makes no warranty, express or implied, regarding the accuracy or completeness of this information and assumes no liability for any loss, damage, or injury resulting from the use of or reliance upon the data presented herein.

PEEK Chemical Compatibility List

Chemical	Compatibility
Acetaldehyde	A-Excellent
Acetamide	N/A
Acetate Solvent	N/A
Acetic Acid	A-Excellent
Acetic Acid 20%	A-Excellent
Acetic Acid 80%	A-Excellent
Acetic Acid, Glacial	N/A
Acetic Anhydride	N/A
Acetone	A-Excellent
Acetyl Bromide	N/A

Chemical	Compatibility
Acetyl Chloride (dry)	N/A
Acetylene	A-Excellent
Acrylonitrile	A-Excellent
Adipic Acid	N/A
Alcohols: Amyl	A-Excellent
Alcohols: Benzyl	A-Excellent
Alcohols: Butyl	A-Excellent
Alcohols: Diacetone	N/A
Alcohols: Ethyl	A-Excellent
Alcohols: Hexyl	N/A
Alcohols: Isobutyl	N/A
Alcohols: Isopropyl	A-Excellent
Alcohols: Methyl	A-Excellent
Alcohols: Octyl	N/A
Alcohols: Propyl	A-Excellent
Aluminum Chloride	A-Excellent

Chemical	Compatibility
Aluminum Chloride 20%	A-Excellent
Aluminum Fluoride	N/A
Aluminum Hydroxide	N/A
Aluminum Nitrate	N/A
Aluminum Potassium Sulfate 10%	A-Excellent
Aluminum Potassium Sulfate 100%	A-Excellent
Aluminum Sulfate	A-Excellent
Alums	N/A
Amines	A-Excellent
Ammonia 10%	A-Excellent
Ammonia Nitrate	N/A
Ammonia, anhydrous	A-Excellent
Ammonia, liquid	B-Good
Ammonium Acetate	N/A
Ammonium Bifluoride	N/A
Ammonium Carbonate	N/A

Chemical	Compatibility
Ammonium Caseinate	N/A
Ammonium Chloride	N/A
Ammonium Hydroxide	A-Excellent
Ammonium Nitrate	A-Excellent
Ammonium Oxalate	N/A
Ammonium Persulfate	N/A
Ammonium Phosphate, Dibasic	N/A
Ammonium Phosphate, Monobasic	N/A
Ammonium Phosphate, Tribasic	N/A
Ammonium Sulfate	N/A
Ammonium Sulfite	N/A
Ammonium Thiosulfate	N/A
Amyl Acetate	A-Excellent
Amyl Alcohol	A-Excellent
Amyl Chloride	N/A
Aniline	A-Excellent

Chemical	Compatibility
Aniline Hydrochloride	N/A
Antifreeze	A-Excellent
Antimony Trichloride	A-Excellent
Aqua Regia (80% HCl, 20% HNO3)	D-Severe Effect
Arochlor 1248	A-Excellent
Aromatic Hydrocarbons	A-Excellent
Arsenic Acid	N/A
Arsenic Salts	N/A
Asphalt	A-Excellent
Barium Carbonate	N/A
Barium Chloride	A-Excellent
Barium Cyanide	N/A
Barium Hydroxide	N/A
Barium Nitrate	N/A
Barium Sulfate	N/A
Barium Sulfide	A-Excellent

Chemical	Compatibility
Beer	A-Excellent
Beet Sugar Liquids	N/A
Benzaldehyde	A-Excellent
Benzene	A-Excellent
Benzene Sulfonic Acid	D-Severe Effect
Benzoic Acid	A-Excellent
Benzol	N/A
Benzonitrile	N/A
Benzyl Chloride	N/A
Bleaching Liquors	N/A
Borax (Sodium Borate)	A-Excellent
Boric Acid	A-Excellent
Brewery Slop	N/A
Bromine	D-Severe Effect
Butadiene	N/A
Butane	A-Excellent

Chemical	Compatibility
Butanol (Butyl Alcohol)	A-Excellent
Butter	N/A
Buttermilk	N/A
Butyl Amine	A-Excellent
Butyl Ether	N/A
Butyl Phthalate	A-Excellent
Butylacetate	A-Excellent
Butylene	A-Excellent
Butyric Acid	A-Excellent
Calcium Bisulfate	N/A
Calcium Bisulfide	A-Excellent
Calcium Bisulfite	N/A
Calcium Carbonate	A-Excellent
Calcium Chlorate	N/A
Calcium Chloride	A-Excellent
Calcium Hydroxide	A-Excellent

Chemical	Compatibility
Calcium Hypochlorite	A-Excellent
Calcium Nitrate	A-Excellent
Calcium Oxide	A-Excellent
Calcium Sulfate	A-Excellent
Calgon	A-Excellent
Cane Juice	N/A
Carbolic Acid (Phenol)	D-Severe Effect
Carbon Bisulfide	D-Severe Effect
Carbon Dioxide (dry)	A-Excellent
Carbon Dioxide (wet)	B-Good
Carbon Disulfide	D-Severe Effect
Carbon Monoxide	B-Good
Carbon Tetrachloride	A-Excellent
Carbon Tetrachloride (dry)	N/A
Carbon Tetrachloride (wet)	N/A
Carbonated Water	N/A

Chemical	Compatibility
Carbonic Acid	A-Excellent
Catsup	A-Excellent
Chloric Acid	N/A
Chlorinated Glue	N/A
Chlorine (dry)	A-Excellent
Chlorine Water	D-Severe Effect
Chlorine, Anhydrous Liquid	D-Severe Effect
Chloroacetic Acid	A-Excellent
Chlorobenzene (Mono)	A-Excellent
Chlorobromomethane	N/A
Chloroform	A-Excellent
Chlorosulfonic Acid	A-Excellent
Chocolate Syrup	N/A
Chromic Acid 10%	D-Severe Effect
Chromic Acid 30%	D-Severe Effect
Chromic Acid 5%	D-Severe Effect

Chemical	Compatibility
Chromic Acid 50%	D-Severe Effect
Chromium Salts	N/A
Cider	N/A
Citric Acid	A-Excellent
Citric Oils	A-Excellent
Clorox (Bleach)	B-Good
Coffee	N/A
Copper Chloride	A-Excellent
Copper Cyanide	A-Excellent
Copper Fluoborate	N/A
Copper Nitrate	A-Excellent
Copper Sulfate >5%	A-Excellent
Copper Sulfate 5%	A-Excellent
Cream	N/A
Cresols	A-Excellent
Cresylic Acid	A-Excellent

Chemical	Compatibility
Cupric Acid	N/A
Cyanic Acid	N/A
Cyclohexane	A-Excellent
Cyclohexanone	A-Excellent
Detergents	A-Excellent
Diacetone Alcohol	N/A
Dichlorobenzene	A-Excellent
Dichloroethane	A-Excellent
Diesel Fuel	A-Excellent
Diethyl Ether	A-Excellent
Diethylamine	A-Excellent
Diethylene Glycol	N/A
Dimethyl Aniline	N/A
Dimethyl Formamide	A-Excellent
Diphenyl	N/A
Diphenyl Oxide	N/A

Chemical	Compatibility
Dyes	N/A
Epsom Salts (Magnesium Sulfate)	A-Excellent
Ethane	B-Good
Ethanol	A-Excellent
Ethanolamine	N/A
Ether	A-Excellent
Ethyl Acetate	A-Excellent
Ethyl Benzoate	N/A
Ethyl Chloride	A-Excellent
Ethyl Ether	N/A
Ethyl Sulfate	N/A
Ethylene Bromide	N/A
Ethylene Chloride	A-Excellent
Ethylene Chlorohydrin	A-Excellent
Ethylene Diamine	A-Excellent
Ethylene Dichloride	A-Excellent

Chemical	Compatibility
Ethylene Glycol	A-Excellent
Ethylene Oxide	A-Excellent
Fatty Acids	A-Excellent
Ferric Chloride	B-Good
Ferric Nitrate	A-Excellent
Ferric Sulfate	A-Excellent
Ferrous Chloride	A-Excellent
Ferrous Sulfate	A-Excellent
Fluoboric Acid	N/A
Fluorine	D-Severe Effect
Fluosilicic Acid	N/A
Formaldehyde 100%	A-Excellent
Formaldehyde 40%	A-Excellent
Formic Acid	C-Fair
Freon 113	A-Excellent
Freon 12	A-Excellent

Chemical	Compatibility
Freon 22	A-Excellent
Freon TF	A-Excellent
Freonr 11	A-Excellent
Fruit Juice	A-Excellent
Fuel Oils	A-Excellent
Furan Resin	N/A
Furfural	N/A
Gallic Acid	N/A
Gasoline (high-aromatic)	N/A
Gasoline, leaded, ref.	A-Excellent
Gasoline, unleaded	N/A
Gelatin	A-Excellent
Glucose	N/A
Glue, P.V.A.	N/A
Glycerin	A-Excellent
Glycolic Acid	N/A

Chemical	Compatibility
Gold Monocyanide	N/A
Grape Juice	N/A
Grease	N/A
Heptane	A-Excellent
Hexane	A-Excellent
Honey	N/A
Hydraulic Oil (Petro)	A-Excellent
Hydraulic Oil (Synthetic)	A-Excellent
Hydrazine	A-Excellent
Hydrobromic Acid 100%	D-Severe Effect
Hydrobromic Acid 20%	D-Severe Effect
Hydrochloric Acid 100%	A-Excellent
Hydrochloric Acid 20%	A-Excellent
Hydrochloric Acid 37%	A-Excellent
Hydrochloric Acid, Dry Gas	A-Excellent
Hydrocyanic Acid	A-Excellent

Chemical	Compatibility
Hydrocyanic Acid (Gas 10%)	A-Excellent
Hydrofluoric Acid 100%	D-Severe Effect
Hydrofluoric Acid 20%	D-Severe Effect
Hydrofluoric Acid 50%	D-Severe Effect
Hydrofluoric Acid 75%	D-Severe Effect
Hydrofluosilicic Acid 100%	N/A
Hydrofluosilicic Acid 20%	N/A
Hydrogen Gas	N/A
Hydrogen Peroxide 10%	A-Excellent
Hydrogen Peroxide 100%	A-Excellent
Hydrogen Peroxide 30%	A-Excellent
Hydrogen Peroxide 50%	A-Excellent
Hydrogen Sulfide (aqua)	A-Excellent
Hydrogen Sulfide (dry)	A-Excellent
Hydroquinone	N/A
Hydroxyacetic Acid 70%	N/A

Chemical	Compatibility
Ink	N/A
Iodine	C-Fair
Iodine (in alcohol)	A-Excellent
Iodoform	N/A
Isooctane	A-Excellent
Isopropyl Acetate	N/A
Isopropyl Ether	A-Excellent
Isotane	N/A
Jet Fuel (JP3, JP4, JP5)	A-Excellent
Kerosene	A-Excellent
Ketones	A-Excellent
Lacquer Thinners	N/A
Lacquers	N/A
Lactic Acid	A-Excellent
Lard	A-Excellent
Latex	N/A

Chemical	Compatibility
Lead Acetate	A-Excellent
Lead Nitrate	N/A
Lead Sulfamate	N/A
Ligroin	A-Excellent
Lime	N/A
Linoleic Acid	N/A
Lithium Chloride	N/A
Lithium Hydroxide	N/A
Lubricants	A-Excellent
Lye: Ca(OH) ₂ Calcium Hydroxide	B-Good
Lye: KOH Potassium Hydroxide	B-Good
Lye: NaOH Sodium Hydroxide	B-Good
Magnesium Bisulfate	N/A
Magnesium Carbonate	N/A
Magnesium Chloride	B-Good
Magnesium Hydroxide	A-Excellent

Chemical	Compatibility
Magnesium Nitrate	N/A
Magnesium Oxide	N/A
Magnesium Sulfate (Epsom Salts)	A-Excellent
Maleic Acid	A-Excellent
Maleic Anhydride	N/A
Malic Acid	N/A
Manganese Sulfate	N/A
Mash	N/A
Mayonnaise	N/A
Melamine	N/A
Mercuric Chloride (dilute)	A-Excellent
Mercuric Cyanide	N/A
Mercurous Nitrate	N/A
Mercury	A-Excellent
Methane	A-Excellent
Methanol (Methyl Alcohol)	A-Excellent

Chemical	Compatibility
Methyl Acetate	A-Excellent
Methyl Acetone	N/A
Methyl Acrylate	N/A
Methyl Alcohol 10%	A-Excellent
Methyl Bromide	N/A
Methyl Butyl Ketone	A-Excellent
Methyl Cellosolve	N/A
Methyl Chloride	N/A
Methyl Dichloride	N/A
Methyl Ethyl Ketone	A-Excellent
Methyl Ethyl Ketone Peroxide	N/A
Methyl Isobutyl Ketone	A-Excellent
Methyl Isopropyl Ketone	A-Excellent
Methyl Methacrylate	N/A
Methylamine	N/A
Methylene Chloride	A-Excellent

Chemical	Compatibility
Milk	A-Excellent
Mineral Spirits	N/A
Molasses	A-Excellent
Monochloroacetic acid	A-Excellent
Monoethanolamine	N/A
Morpholine	N/A
Motor oil	A-Excellent
Mustard	N/A
Naphtha	A-Excellent
Naphthalene	A-Excellent
Natural Gas	A-Excellent
Nickel Chloride	A-Excellent
Nickel Nitrate	A-Excellent
Nickel Sulfate	A-Excellent
Nitrating Acid (<15% HNO ₃)	N/A
Nitrating Acid (>15% H ₂ SO ₄)	N/A

Chemical	Compatibility
Nitrating Acid (S1% Acid)	N/A
Nitrating Acid (S15% H2SO4)	N/A
Nitric Acid (20%)	A-Excellent
Nitric Acid (50%)	D-Severe Effect
Nitric Acid (5-10%)	A-Excellent
Nitric Acid (Concentrated)	D-Severe Effect
Nitrobenzene	A-Excellent
Nitrogen Fertilizer	N/A
Nitromethane	A-Excellent
Nitrous Acid	N/A
Nitrous Oxide	A-Excellent
Oils: Aniline	A-Excellent
Oils: Anise	N/A
Oils: Bay	N/A
Oils: Bone	N/A
Oils: Castor	A-Excellent

Chemical	Compatibility
Oils: Cinnamon	N/A
Oils: Citric	N/A
Oils: Clove	N/A
Oils: Coconut	A-Excellent
Oils: Cod Liver	N/A
Oils: Corn	N/A
Oils: Cottonseed	N/A
Oils: Creosote	A-Excellent
Oils: Diesel Fuel Oil (20, 30, 40, 50)	A-Excellent
Oils: Fuel Oil (1, 2, 3, 5A, 5B, 6)	A-Excellent
Oils: Ginger	N/A
Oils: Hydraulic Oil (Petro)	A-Excellent
Oils: Hydraulic Oil (Synthetic)	A-Excellent
Oils: Lemon	N/A
Oils: Linseed	A-Excellent
Oils: Mineral	A-Excellent

Chemical	Compatibility
Oils: Olive	N/A
Oils: Orange	N/A
Oils: Palm	N/A
Oils: Peanut	A-Excellent
Oils: Peppermint	N/A
Oils: Pine	N/A
Oils: Rapeseed	N/A
Oils: Rosin	N/A
Oils: Sesame Seed	N/A
Oils: Silicone	A-Excellent
Oils: Soybean	A-Excellent
Oils: Sperm (whale)	N/A
Oils: Tanning	N/A
Oils: Transformer	A-Excellent
Oils: Turbine	N/A
Oleic Acid	A-Excellent

Chemical	Compatibility
Oleum 100%	N/A
Oleum 25%	N/A
Oxalic Acid (cold)	A-Excellent
Ozone	A-Excellent
Palmitic Acid	N/A
Paraffin	A-Excellent
Pentane	A-Excellent
Perchloric Acid	A-Excellent
Perchloroethylene	A-Excellent
Petrolatum	A-Excellent
Petroleum	A-Excellent
Phenol (10%)	N/A
Phenol (Carbolic Acid)	D-Severe Effect
Phosphoric Acid (>40%)	A-Excellent
Phosphoric Acid (crude)	A-Excellent
Phosphoric Acid (molten)	N/A

Chemical	Compatibility
Phosphoric Acid (S40%)	N/A
Phosphoric Acid Anhydride	N/A
Phosphorus	N/A
Phosphorus Trichloride	A-Excellent
Photographic Developer	N/A
Photographic Solutions	A-Excellent
Phthalic Acid	A-Excellent
Phthalic Anhydride	N/A
Picric Acid	A-Excellent
Plating Solutions, Antimony Plating 130°F	N/A
Plating Solutions, Arsenic Plating 110°F	N/A
Plating Solutions (Brass): High-Speed Brass Bath 110°F	N/A
Plating Solutions (Brass): Regular Brass Bath 100°F	N/A
Plating Solutions (Bronze): Cu-Cd Bronze Bath R.T.	N/A

Chemical	Compatibility
Plating Solutions (Bronze): Cu-Sn Bronze Bath 160°F	N/A
Plating Solutions (Bronze): Cu-Zn Bronze Bath 100°F	N/A
Plating Solutions (Cadmium): Cyanide Bath 90°F	N/A
Plating Solutions (Cadmium): Fluoborate Bath 100°F	N/A
Plating Solutions, (Chromium): Barrel Chrome Bath 95°F	N/A
Plating Solutions, (Chromium): Black Chrome Bath 115°F	N/A
Plating Solutions, (Chromium): Chromic-Sulfuric Bath 130°F	N/A
Plating Solutions, (Chromium): Fluoride Bath 130°F	N/A
Plating Solutions, (Chromium): Fluosilicate Bath 95°F	N/A
Plating Solutions (Copper) (Acid): Copper Fluoborate Bath 120°F	N/A
Plating Solutions (Copper) (Acid): Copper Sulfate Bath R.T.	N/A
Plating Solutions (Copper) (Cyanide): Copper Strike Bath 120°F	N/A

Chemical	Compatibility
Plating Solutions (Copper) (Cyanide): High-Speed Bath 180°F	N/A
Plating Solutions (Copper) (Cyanide): Rochelle Salt Bath 150°F	N/A
Plating Solutions (Copper) (Misc): Copper (Electroless)	N/A
Plating Solutions (Copper) (Misc): Copper Pyrophosphate	N/A
Plating Solutions (Gold): Acid 75°F	N/A
Plating Solutions (Gold): Cyanide 150°F	N/A
Plating Solutions (Gold): Neutral 75°F	N/A
Plating Solutions, Indium Sulfamate Plating R.T.	N/A
Plating Solutions (Iron): Ferrous Am Sulfate Bath 150°F	N/A
Plating Solutions (Iron): Ferrous Chloride Bath 190°F	N/A
Plating Solutions (Iron): Ferrous Sulfate Bath 150°F	N/A
Plating Solutions (Iron): Fluoborate Bath 145°F	N/A
Plating Solutions (Iron): Sulfamate 140°F	N/A

Chemical	Compatibility
Plating Solutions (Iron): Sulfate-Chloride Bath 160°F	N/A
Plating Solutions, Lead Fluoborate Plating	N/A
Plating Solutions, (Nickel): Electroless 200°F	N/A
Plating Solutions, (Nickel): Fluoborate 100-170°F	N/A
Plating Solutions, (Nickel): High-Chloride 130-160°F	N/A
Plating Solutions, (Nickel): Sulfamate 100-140°F	N/A
Plating Solutions, (Nickel): Watts Type 115-160°F	N/A
Plating Solutions (Rhodium) 120°F	N/A
Plating Solutions, (Silver) 80-120°F	N/A
Plating Solutions, Tin-Fluoborate Plating 100°F	N/A
Plating Solutions, Tin-Lead Plating 100°F	N/A
Plating Solutions (Zinc): Acid Chloride 140°F	N/A
Plating Solutions (Zinc): Acid Fluoborate Bath R.T.	N/A

Chemical	Compatibility
Plating Solutions (Zinc): Acid Sulfate Bath 150°F	N/A
Plating Solutions (Zinc): Alkaline Cyanide Bath R.T.	N/A
Potash (Potassium Carbonate)	A-Excellent
Potassium Bicarbonate	A-Excellent
Potassium Bromide	N/A
Potassium Chlorate	A-Excellent
Potassium Chloride	A-Excellent
Potassium Chromate	N/A
Potassium Cyanide Solutions	N/A
Potassium Dichromate	N/A
Potassium Ferricyanide	A-Excellent
Potassium Ferrocyanide	A-Excellent
Potassium Hydroxide (Caustic Potash)	A-Excellent
Potassium Hypochlorite	N/A
Potassium Iodide	N/A

Chemical	Compatibility
Potassium Nitrate	A-Excellent
Potassium Oxalate	N/A
Potassium Permanganate	A-Excellent
Potassium Sulfate	A-Excellent
Potassium Sulfide	A-Excellent
Propane (liquefied)	A-Excellent
Propylene	N/A
Propylene Glycol	N/A
Pyridine	A-Excellent
Pyrogallic Acid	N/A
Resorcinal	A-Excellent
Rosins	N/A
Rum	N/A
Rust Inhibitors	N/A
Salad Dressings	N/A
Salicylic Acid	A-Excellent

Chemical	Compatibility
Salt Brine (NaCl saturated)	A-Excellent
Sea Water	A-Excellent
Shellac (Bleached)	N/A
Shellac (Orange)	N/A
Silicone	A-Excellent
Silver Bromide	N/A
Silver Nitrate	A-Excellent
Soap Solutions	A-Excellent
Soda Ash (see Sodium Carbonate)	A-Excellent
Sodium Acetate	A-Excellent
Sodium Aluminate	N/A
Sodium Benzoate	A-Excellent
Sodium Bicarbonate	A-Excellent
Sodium Bisulfate	A-Excellent
Sodium Bisulfite	A-Excellent
Sodium Borate (Borax)	A-Excellent

Chemical	Compatibility
Sodium Bromide	N/A
Sodium Carbonate	A-Excellent
Sodium Chlorate	A-Excellent
Sodium Chloride	A-Excellent
Sodium Chromate	A-Excellent
Sodium Cyanide	A-Excellent
Sodium Ferrocyanide	A-Excellent
Sodium Fluoride	A-Excellent
Sodium Hydrosulfite	A-Excellent
Sodium Hydroxide (20%)	A-Excellent
Sodium Hydroxide (50%)	A-Excellent
Sodium Hydroxide (80%)	A-Excellent
Sodium Hypochlorite (<20%)	B-Good
Sodium Hypochlorite (100%)	B-Good
Sodium Hyposulfate	N/A
Sodium Metaphosphate	A-Excellent

Chemical	Compatibility
Sodium Metasilicate	A-Excellent
Sodium Nitrate	A-Excellent
Sodium Perborate	A-Excellent
Sodium Peroxide	A-Excellent
Sodium Polyphosphate	A-Excellent
Sodium Silicate	A-Excellent
Sodium Sulfate	A-Excellent
Sodium Sulfide	A-Excellent
Sodium Sulfite	A-Excellent
Sodium Tetraborate	A-Excellent
Sodium Thiosulfate (hypo)	A-Excellent
Sorghum	N/A
Soy Sauce	N/A
Stannic Chloride	A-Excellent
Stannic Fluoborate	N/A
Stannous Chloride	A-Excellent

Chemical	Compatibility
Starch	A-Excellent
Stearic Acid	A-Excellent
Stoddard Solvent	A-Excellent
Styrene	A-Excellent
Sugar (Liquids)	N/A
Sulfate (Liquors)	N/A
Sulfur Chloride	A-Excellent
Sulfur Dioxide	A-Excellent
Sulfur Dioxide (dry)	A-Excellent
Sulfur Hexafluoride	A-Excellent
Sulfur Trioxide	A-Excellent
Sulfur Trioxide (dry)	A-Excellent
Sulfuric Acid (<10%)	A-Excellent
Sulfuric Acid (10-75%)	D-Severe Effect
Sulfuric Acid (75-100%)	D-Severe Effect
Sulfuric Acid (cold concentrated)	D-Severe Effect

Chemical	Compatibility
Sulfuric Acid (hot concentrated)	D-Severe Effect
Sulfurous Acid	A-Excellent
Sulfuryl Chloride	N/A
Tallow	A-Excellent
Tannic Acid	N/A
Tanning Liquors	N/A
Tartaric Acid	A-Excellent
Tetrachloroethane	N/A
Tetrachloroethylene	A-Excellent
Tetrahydrofuran	A-Excellent
Tin Salts	A-Excellent
Toluene (Toluol)	A-Excellent
Tomato Juice	N/A
Trichloroacetic Acid	N/A
Trichloroethane	A-Excellent
Trichloroethylene	A-Excellent

Chemical	Compatibility
Trichloropropane	N/A
Tricresylphosphate	N/A
Triethylamine	N/A
Trisodium Phosphate	A-Excellent
Turpentine	A-Excellent
Urea	A-Excellent
Uric Acid	N/A
Urine	N/A
Varnish	A-Excellent
Vegetable Juice	N/A
Vinegar	A-Excellent
Vinyl Acetate	N/A
Vinyl Chloride	A-Excellent
Water, Acid, Mine	N/A
Water, Deionized	N/A
Water, Distilled	A-Excellent

Chemical	Compatibility
Water, Fresh	A-Excellent
Water, Salt	A-Excellent
Weed Killers	N/A
Whey	N/A
Whiskey & Wines	A-Excellent
White Liquor (Pulp Mill)	N/A
White Water (Paper Mill)	N/A
Xylene	A-Excellent
Zinc Chloride	A-Excellent
Zinc Hydrosulfite	N/A
Zinc Sulfate	A-Excellent