

Chemical Compatibility

Polypropylene Corrosion Resistant Fans

Polypropylene offers good resistance to non oxidising acids and bases, fats and most organic solvents. The information in this chart has been supplied by reputable sources and is to be used only as a guide in selecting equipment for appropriate chemical compatibility of our polypropylene corrosion resistant fans.

Ratings of chemical behaviour listed in this chart apply at a 48 hour exposure period to the polypropylene used on our seat polypropylene fans. We have no knowledge of possible effects beyond this period.



Notes to consider:

- The melting point of polypropylene is 160°C
- Low temperature threshold: polypropylene becomes brittle below 0°C
- At elevated temperatures, polypropylene can be dissolved in nonpolar solvents such as xylene, tetralin and decalin.
- Polypropylene is not compatible with strong oxidants

Chemical	Compatibility
Acetaldehyde	A ¹ -Excellent
Acetamide	A ¹ -Excellent
Acetate Solvent	B ¹ -Good
Acetic Acid	B-Good
Acetic Acid 20%	A-Excellent
Acetic Acid 80%	A-Excellent
Acetic Acid, Glacial	A ¹ -Excellent

Acetic Anhydride	B¹-Good
Acetone	A-Excellent
Acetyl Bromide	N/A
Acetyl Chloride (dry)	D-Severe Effect
Acetylene	A¹-Excellent
Acrylonitrile	A¹-Excellent
Adipic Acid	B²-Good
Alcohols: Amyl	B¹-Good
Alcohols: Benzyl	A-Excellent
Alcohols: Butyl	A-Excellent
Alcohols: Diacetone	B²-Good
Alcohols: Ethyl	A-Excellent
Alcohols: Hexyl	N/A
Alcohols: Isobutyl	A¹-Excellent
Alcohols: Isopropyl	A²-Excellent
Alcohols: Methyl	A²-Excellent
Alcohols: Octyl	N/A
Alcohols: Propyl	A-Excellent
Aluminum Chloride	A-Excellent
Aluminum Chloride 20%	A-Excellent
Aluminum Fluoride	A-Excellent
Aluminum Hydroxide	A-Excellent
Aluminum Nitrate	A²-Excellent
Aluminum Potassium Sulfate 10%	A-Excellent
Aluminum Potassium Sulfate 100%	A-Excellent
Aluminum Sulfate	A-Excellent
Alums	A-Excellent

Amines	B²-Good
Ammonia 10%	A²-Excellent
Ammonia Nitrate	A-Excellent
Ammonia, anhydrous	A-Excellent
Ammonia, liquid	A²-Excellent
Ammonium Acetate	A-Excellent
Ammonium Bifluoride	A-Excellent
Ammonium Carbonate	A-Excellent
Ammonium Caseinate	N/A
Ammonium Chloride	A-Excellent
Ammonium Hydroxide	A-Excellent
Ammonium Nitrate	A-Excellent
Ammonium Oxalate	A-Excellent
Ammonium Persulfate	A-Excellent
Ammonium Phosphate, Dibasic	A-Excellent
Ammonium Phosphate, Monobasic	A-Excellent
Ammonium Phosphate, Tribasic	A-Excellent
Ammonium Sulfate	A-Excellent
Ammonium Sulfite	A²-Excellent
Ammonium Thiosulfate	N/A
Amyl Acetate	B¹-Good
Amyl Alcohol	B¹-Good
Amyl Chloride	D-Severe Effect
Aniline	A¹-Excellent
Aniline Hydrochloride	D-Severe Effect
Antifreeze	D-Severe Effect
Antimony Trichloride	A-Excellent

Aqua Regia (80% HCl, 20% HNO₃)	B¹-Good
Arochlor 1248	D-Severe Effect
Aromatic Hydrocarbons	D-Severe Effect
Arsenic Acid	A-Excellent
Arsenic Salts	N/A
Asphalt	B¹-Good
Barium Carbonate	A-Excellent
Barium Chloride	A-Excellent
Barium Cyanide	D-Severe Effect
Barium Hydroxide	B-Good
Barium Nitrate	A-Excellent
Barium Sulfate	B¹-Good
Barium Sulfide	B-Good
Beer	A¹-Excellent
Beet Sugar Liquids	A¹-Excellent
Benzaldehyde	D-Severe Effect
Benzene	D-Severe Effect
Benzene Sulfonic Acid	D-Severe Effect
Benzoic Acid	B¹-Good
Benzol	B-Good
Benzonitrile	N/A
Benzyl Chloride	C¹-Fair
Bleaching Liquors	A¹-Excellent
Borax (Sodium Borate)	B-Good
Boric Acid	A-Excellent
Brewery Slop	N/A
Bromine	D-Severe Effect

Butadiene	C-Fair
Butane	A¹-Excellent
Butanol (Butyl Alcohol)	A¹-Excellent
Butter	N/A
Buttermilk	A¹-Excellent
Butyl Amine	B¹-Good
Butyl Ether	D-Severe Effect
Butyl Phthalate	B²-Good
Butylacetate	B¹-Good
Butylene	N/A
Butyric Acid	B¹-Good
Calcium Bisulfate	N/A
Calcium Bisulfide	A-Excellent
Calcium Bisulfite	A-Excellent
Calcium Carbonate	A-Excellent
Calcium Chlorate	N/A
Calcium Chloride	A²-Excellent
Calcium Hydroxide	A²-Excellent
Calcium Hypochlorite	A¹-Excellent
Calcium Nitrate	A²-Excellent
Calcium Oxide	A-Excellent
Calcium Sulfate	A-Excellent
Calgon	A-Excellent
Cane Juice	C¹-Fair
Carbolic Acid (Phenol)	B-Good
Carbon Bisulfide	D-Severe Effect
Carbon Dioxide (dry)	A²-Excellent

Carbon Dioxide (wet)	A ² -Excellent
Carbon Disulfide	D-Severe Effect
Carbon Monoxide	A-Excellent
Carbon Tetrachloride	D-Severe Effect
Carbon Tetrachloride (dry)	D-Severe Effect
Carbon Tetrachloride (wet)	D-Severe Effect
Carbonated Water	B-Good
Carbonic Acid	A-Excellent
Catsup	A-Excellent
Chloric Acid	N/A
Chlorinated Glue	N/A
Chlorine (dry)	D-Severe Effect
Chlorine Water	D-Severe Effect
Chlorine, Anhydrous Liquid	D-Severe Effect
Chloroacetic Acid	C ¹ -Fair
Chlorobenzene (Mono)	C ¹ -Fair
Chlorobromomethane	A-Excellent
Chloroform	C ¹ -Fair
Chlorosulfonic Acid	D-Severe Effect
Chocolate Syrup	A ² -Excellent
Chromic Acid 10%	D-Severe Effect
Chromic Acid 30%	D-Severe Effect
Chromic Acid 5%	D-Severe Effect
Chromic Acid 50%	D-Severe Effect
Chromium Salts	N/A
Cider	A-Excellent
Citric Acid	A-Excellent

Citric Oils	A-Excellent
Clorox (Bleach)	A-Excellent
Coffee	A-Excellent
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	A-Excellent
Cresols	D-Severe Effect
Cresylic Acid	A¹-Excellent
Cupric Acid	A²-Excellent
Cyanic Acid	N/A
Cyclohexane	D-Severe Effect
Cyclohexanone	D-Severe Effect
Detergents	A-Excellent
Diacetone Alcohol	A¹-Excellent
Dichlorobenzene	C¹-Fair
Dichloroethane	D-Severe Effect
Diesel Fuel	A¹-Excellent
Diethyl Ether	A¹-Excellent
Diethylamine	A¹-Excellent
Diethylene Glycol	A²-Excellent
Dimethyl Aniline	D-Severe Effect
Dimethyl Formamide	A-Excellent
Diphenyl	D-Severe Effect

Diphenyl Oxide	D-Severe Effect
Dyes	N/A
Epsom Salts (Magnesium Sulfate)	A-Excellent
Ethane	D-Severe Effect
Ethanol	A-Excellent
Ethanolamine	D-Severe Effect
Ether	D-Severe Effect
Ethyl Acetate	A ¹ -Excellent
Ethyl Benzoate	B ¹ -Good
Ethyl Chloride	D-Severe Effect
Ethyl Ether	D-Severe Effect
Ethyl Sulfate	N/A
Ethylene Bromide	D-Severe Effect
Ethylene Chloride	C ¹ -Fair
Ethylene Chlorohydrin	D-Severe Effect
Ethylene Diamine	N/A
Ethylene Dichloride	D-Severe Effect
Ethylene Glycol	A-Excellent
Ethylene Oxide	D-Severe Effect
Fatty Acids	A-Excellent
Ferric Chloride	A-Excellent
Ferric Nitrate	A-Excellent
Ferric Sulfate	A-Excellent
Ferrous Chloride	A-Excellent
Ferrous Sulfate	A-Excellent
Fluoboric Acid	A-Excellent
Fluorine	D-Severe Effect

Fluosilicic Acid	A-Excellent
Formaldehyde 100%	C-Fair
Formaldehyde 40%	A-Excellent
Formic Acid	A¹-Excellent
Freon 113	D-Severe Effect
Freon 12	A²-Excellent
Freon 22	B-Good
Freon TF	D-Severe Effect
Freonr 11	A-Excellent
Fruit Juice	B-Good
Fuel Oils	A-Excellent
Furan Resin	D-Severe Effect
Furfural	D-Severe Effect
Gallic Acid	A-Excellent
Gasoline (high-aromatic)	A-Excellent
Gasoline, leaded, ref.	B-Good
Gasoline, unleaded	C¹-Fair
Gelatin	A-Excellent
Glucose	A-Excellent
Glue, P.V.A.	N/A
Glycerin	A-Excellent
Glycolic Acid	A-Excellent
Gold Monocyanide	N/A
Grape Juice	N/A
Grease	N/A
Heptane	C2-Fair
Hexane	B¹-Good

Honey	A-Excellent
Hydraulic Oil (Petro)	D-Severe Effect
Hydraulic Oil (Synthetic)	D-Severe Effect
Hydrazine	C-Fair
Hydrobromic Acid 100%	C ¹ -Fair
Hydrobromic Acid 20%	A ² -Excellent
Hydrochloric Acid 100%	C-Fair
Hydrochloric Acid 20%	B ² -Good
Hydrochloric Acid 37%	C-Fair
Hydrochloric Acid, Dry Gas	B-Good
Hydrocyanic Acid	A-Excellent
Hydrocyanic Acid (Gas 10%)	A-Excellent
Hydrofluoric Acid 100%	C ¹ -Fair
Hydrofluoric Acid 20%	A ² -Excellent
Hydrofluoric Acid 50%	A ² -Excellent
Hydrofluoric Acid 75%	C ¹ -Fair
Hydrofluosilicic Acid 100%	A-Excellent
Hydrofluosilicic Acid 20%	A-Excellent
Hydrogen Gas	A-Excellent
Hydrogen Peroxide 10%	A-Excellent
Hydrogen Peroxide 100%	B ¹ -Good
Hydrogen Peroxide 30%	B ¹ -Good
Hydrogen Peroxide 50%	B ¹ -Good
Hydrogen Sulfide (aqua)	A ¹ -Excellent
Hydrogen Sulfide (dry)	A ¹ -Excellent
Hydroquinone	A-Excellent
Hydroxyacetic Acid 70%	N/A

Ink	N/A
Iodine	C-Fair
Iodine (in alcohol)	N/A
Iodoform	N/A
Isooctane	A²-Excellent
Isopropyl Acetate	B¹-Good
Isopropyl Ether	B-Good
Isotane	D-Severe Effect
Jet Fuel (JP3, JP4, JP5)	A¹-Excellent
Kerosene	B-Good
Ketones	C-Fair
Lacquer Thinners	D-Severe Effect
Lacquers	D-Severe Effect
Lactic Acid	B-Good
Lard	B¹-Good
Latex	A²-Excellent
Lead Acetate	A¹-Excellent
Lead Nitrate	A²-Excellent
Lead Sulfamate	A²-Excellent
Ligroin	A²-Excellent
Lime	N/A
Linoleic Acid	B¹-Good
Lithium Chloride	A²-Excellent
Lithium Hydroxide	N/A
Lubricants	A¹-Excellent
Lye: Ca(OH)₂ Calcium Hydroxide	A²-Excellent
Lye: KOH Potassium Hydroxide	A-Excellent

Lye: NaOH Sodium Hydroxide	A-Excellent
Magnesium Bisulfate	A ² -Excellent
Magnesium Carbonate	A-Excellent
Magnesium Chloride	A ² -Excellent
Magnesium Hydroxide	A-Excellent
Magnesium Nitrate	A-Excellent
Magnesium Oxide	N/A
Magnesium Sulfate (Epsom Salts)	A-Excellent
Maleic Acid	A-Excellent
Maleic Anhydride	D-Severe Effect
Malic Acid	A ¹ -Excellent
Manganese Sulfate	N/A
Mash	N/A
Mayonnaise	N/A
Melamine	A-Excellent
Mercuric Chloride (dilute)	B-Good
Mercuric Cyanide	B-Good
Mercurous Nitrate	A-Excellent
Mercury	B-Good
Methane	A-Excellent
Methanol (Methyl Alcohol)	A ² -Excellent
Methyl Acetate	D-Severe Effect
Methyl Acetone	N/A
Methyl Acrylate	D-Severe Effect
Methyl Alcohol 10%	A ² -Excellent
Methyl Bromide	C-Fair
Methyl Butyl Ketone	D-Severe Effect

Methyl Cellosolve	B-Good
Methyl Chloride	D-Severe Effect
Methyl Dichloride	D-Severe Effect
Methyl Ethyl Ketone	B-Good
Methyl Ethyl Ketone Peroxide	N/A
Methyl Isobutyl Ketone	A-Excellent
Methyl Isopropyl Ketone	N/A
Methyl Methacrylate	D-Severe Effect
Methylamine	A²-Excellent
Methylene Chloride	B¹-Good
Milk	B-Good
Mineral Spirits	B-Good
Molasses	B-Good
Monochloroacetic acid	N/A
Monoethanolamine	B-Good
Morpholine	B²-Good
Motor oil	A¹-Excellent
Mustard	A-Excellent
Naphtha	B-Good
Naphthalene	B-Good
Natural Gas	A-Excellent
Nickel Chloride	A-Excellent
Nickel Nitrate	A²-Excellent
Nickel Sulfate	A-Excellent
Nitrating Acid (<15% HNO₃)	C-Fair
Nitrating Acid (>15% H₂SO₄)	C-Fair
Nitrating Acid (S1% Acid)	C-Fair

Nitrating Acid (S15% H2SO4)	C-Fair
Nitric Acid (20%)	A²-Excellent
Nitric Acid (50%)	B-Good
Nitric Acid (5-10%)	A-Excellent
Nitric Acid (Concentrated)	D-Severe Effect
Nitrobenzene	B¹-Good
Nitrogen Fertilizer	N/A
Nitromethane	B²-Good
Nitrous Acid	A-Excellent
Nitrous Oxide	D-Severe Effect
Oils: Aniline	A-Excellent
Oils: Anise	N/A
Oils: Bay	N/A
Oils: Bone	A-Excellent
Oils: Castor	A-Excellent
Oils: Cinnamon	D-Severe Effect
Oils: Citric	A-Excellent
Oils: Clove	N/A
Oils: Coconut	A¹-Excellent
Oils: Cod Liver	A¹-Excellent
Oils: Corn	A²-Excellent
Oils: Cottonseed	A-Excellent
Oils: Creosote	C-Fair
Oils: Diesel Fuel Oil (20, 30, 40, 50)	A¹-Excellent
Oils: Fuel Oil (1, 2, 3, 5A, 5B, 6)	B-Good
Oils: Ginger	N/A
Oils: Hydraulic Oil (Petro)	D-Severe Effect

Oils: Hydraulic Oil (Synthetic)	D-Severe Effect
Oils: Lemon	N/A
Oils: Linseed	A-Excellent
Oils: Mineral	A-Excellent
Oils: Olive	A-Excellent
Oils: Orange	A-Excellent
Oils: Palm	N/A
Oils: Peanut	D-Severe Effect
Oils: Peppermint	N/A
Oils: Pine	B-Good
Oils: Rapeseed	D-Severe Effect
Oils: Rosin	A²-Excellent
Oils: Sesame Seed	A-Excellent
Oils: Silicone	A-Excellent
Oils: Soybean	A¹-Excellent
Oils: Sperm (whale)	N/A
Oils: Tanning	N/A
Oils: Transformer	B-Good
Oils: Turbine	B¹-Good
Oleic Acid	B¹-Good
Oleum 100%	D-Severe Effect
Oleum 25%	D-Severe Effect
Oxalic Acid (cold)	A²-Excellent
Ozone	B-Good
Palmitic Acid	B¹-Good
Paraffin	A¹-Excellent
Pentane	D-Severe Effect

Perchloric Acid	C-Fair
Perchloroethylene	D-Severe Effect
Petrolatum	D-Severe Effect
Petroleum	B¹-Good
Phenol (10%)	B¹-Good
Phenol (Carbolic Acid)	B-Good
Phosphoric Acid (>40%)	A²-Excellent
Phosphoric Acid (crude)	B²-Good
Phosphoric Acid (molten)	D-Severe Effect
Phosphoric Acid (S40%)	A²-Excellent
Phosphoric Acid Anhydride	A-Excellent
Phosphorus	A-Excellent
Phosphorus Trichloride	N/A
Photographic Developer	A-Excellent
Photographic Solutions	A²-Excellent
Phthalic Acid	A-Excellent
Phthalic Anhydride	D-Severe Effect
Picric Acid	B¹-Good
Plating Solutions, Antimony Plating 130°F	A-Excellent
Plating Solutions, Arsenic Plating 110°F	A-Excellent
Plating Solutions (Brass): High-Speed Brass Bath 110°F	A-Excellent
Plating Solutions (Brass): Regular Brass Bath 100°F	A-Excellent
Plating Solutions (Bronze): Cu-Cd Bronze Bath R.T.	A-Excellent
Plating Solutions (Bronze): Cu-Sn Bronze Bath 160°F	A-Excellent

Plating Solutions (Bronze): Cu-Zn Bronze Bath 100°F	A-Excellent
Plating Solutions (Cadmium): Cyanide Bath 90°F	A-Excellent
Plating Solutions (Cadmium): Fluoborate Bath 100°F	A-Excellent
Plating Solutions, (Chromium): Barrel Chrome Bath 95°F	A-Excellent
Plating Solutions, (Chromium): Black Chrome Bath 115°F	A-Excellent
Plating Solutions, (Chromium): Chromic-Sulfuric Bath 130°F	A-Excellent
Plating Solutions, (Chromium): Fluoride Bath 130°F	A-Excellent
Plating Solutions, (Chromium): Fluosilicate Bath 95°F	D-Severe Effect
Plating Solutions (Copper) (Acid): Copper Fluoborate Bath 120°F	A-Excellent
Plating Solutions (Copper) (Acid): Copper Sulfate Bath R.T.	A-Excellent
Plating Solutions (Copper) (Cyanide): Copper Strike Bath 120°F	A-Excellent
Plating Solutions (Copper) (Cyanide): High-Speed Bath 180°F	A-Excellent
Plating Solutions (Copper) (Cyanide): Rochelle Salt Bath 150°F	A-Excellent
Plating Solutions (Copper) (Misc): Copper (Electroless)	A-Excellent
Plating Solutions (Copper) (Misc): Copper Pyrophosphate	A-Excellent
Plating Solutions (Gold): Acid 75°F	A-Excellent
Plating Solutions (Gold): Cyanide 150°F	A-Excellent
Plating Solutions (Gold): Neutral 75°F	A-Excellent

Plating Solutions, Indium Sulfamate Plating R.T.	A-Excellent
Plating Solutions (Iron): Ferrous Am Sulfate Bath 150°F	A-Excellent
Plating Solutions (Iron): Ferrous Chloride Bath 190°F	C-Fair
Plating Solutions (Iron): Ferrous Sulfate Bath 150°F	A-Excellent
Plating Solutions (Iron): Fluoborate Bath 145°F	A-Excellent
Plating Solutions (Iron): Sulfamate 140°F	A-Excellent
Plating Solutions (Iron): Sulfate-Chloride Bath 160°F	A-Excellent
Plating Solutions, Lead Fluoborate Plating	A-Excellent
Plating Solutions, (Nickel): Electroless 200°F	D-Severe Effect
Plating Solutions, (Nickel): Fluoborate 100-170°F	A-Excellent
Plating Solutions, (Nickel): High-Chloride 130-160°F	A-Excellent
Plating Solutions, (Nickel): Sulfamate 100-140°F	A-Excellent
Plating Solutions, (Nickel): Watts Type 115-160°F	A-Excellent
Plating Solutions (Rhodium) 120°F	A-Excellent
Plating Solutions, (Silver) 80-120°F	A-Excellent
Plating Solutions, Tin-Fluoborate Plating 100°F	A-Excellent
Plating Solutions, Tin-Lead Plating 100°F	A-Excellent
Plating Solutions (Zinc): Acid Chloride 140°F	A-Excellent
Plating Solutions (Zinc): Acid Fluoborate Bath R.T.	A-Excellent

Plating Solutions (Zinc): Acid Sulfate Bath 150°F	A-Excellent
Plating Solutions (Zinc): Alkaline Cyanide Bath R.T.	A-Excellent
Potash (Potassium Carbonate)	A-Excellent
Potassium Bicarbonate	A-Excellent
Potassium Bromide	A-Excellent
Potassium Chlorate	A-Excellent
Potassium Chloride	A-Excellent
Potassium Chromate	A-Excellent
Potassium Cyanide Solutions	A-Excellent
Potassium Dichromate	A-Excellent
Potassium Ferricyanide	A²-Excellent
Potassium Ferrocyanide	A-Excellent
Potassium Hydroxide (Caustic Potash)	A-Excellent
Potassium Hypochlorite	N/A
Potassium Iodide	A²-Excellent
Potassium Nitrate	A-Excellent
Potassium Oxalate	N/A
Potassium Permanganate	A¹-Excellent
Potassium Sulfate	A-Excellent
Potassium Sulfide	A-Excellent
Propane (liquefied)	A-Excellent
Propylene	N/A
Propylene Glycol	A²-Excellent
Pyridine	A²-Excellent
Pyrogallic Acid	A-Excellent
Resorcinol	A²-Excellent

Rosins	A²-Excellent
Rum	A-Excellent
Rust Inhibitors	A-Excellent
Salad Dressings	A-Excellent
Salicylic Acid	A¹-Excellent
Salt Brine (NaCl saturated)	A-Excellent
Sea Water	A-Excellent
Shellac (Bleached)	A-Excellent
Shellac (Orange)	A-Excellent
Silicone	A-Excellent
Silver Bromide	N/A
Silver Nitrate	A¹-Excellent
Soap Solutions	A-Excellent
Soda Ash (see Sodium Carbonate)	A-Excellent
Sodium Acetate	A-Excellent
Sodium Aluminate	N/A
Sodium Benzoate	A²-Excellent
Sodium Bicarbonate	A-Excellent
Sodium Bisulfate	A-Excellent
Sodium Bisulfite	A-Excellent
Sodium Borate (Borax)	A²-Excellent
Sodium Bromide	N/A
Sodium Carbonate	A-Excellent
Sodium Chlorate	A-Excellent
Sodium Chloride	A-Excellent
Sodium Chromate	N/A
Sodium Cyanide	A-Excellent

Sodium Ferrocyanide	A-Excellent
Sodium Fluoride	A-Excellent
Sodium Hydrosulfite	N/A
Sodium Hydroxide (20%)	A-Excellent
Sodium Hydroxide (50%)	A-Excellent
Sodium Hydroxide (80%)	A-Excellent
Sodium Hypochlorite (<20%)	A-Excellent
Sodium Hypochlorite (100%)	B-Good
Sodium Hyposulfate	N/A
Sodium Metaphosphate	A¹-Excellent
Sodium Metasilicate	A-Excellent
Sodium Nitrate	A-Excellent
Sodium Perborate	A-Excellent
Sodium Peroxide	B-Good
Sodium Polyphosphate	A-Excellent
Sodium Silicate	A-Excellent
Sodium Sulfate	A-Excellent
Sodium Sulfide	A-Excellent
Sodium Sulfite	A²-Excellent
Sodium Tetraborate	N/A
Sodium Thiosulfate (hypo)	A²-Excellent
Sorghum	N/A
Soy Sauce	N/A
Stannic Chloride	A-Excellent
Stannic Fluoborate	N/A
Stannous Chloride	A-Excellent
Starch	A²-Excellent

Stearic Acid	A ² -Excellent
Stoddard Solvent	C-Fair
Styrene	N/A
Sugar (Liquids)	A-Excellent
Sulfate (Liquors)	A-Excellent
Sulfur Chloride	C ¹ -Fair
Sulfur Dioxide	A ¹ -Excellent
Sulfur Dioxide (dry)	A ¹ -Excellent
Sulfur Hexafluoride	N/A
Sulfur Trioxide	C-Fair
Sulfur Trioxide (dry)	D-Severe Effect
Sulfuric Acid (<10%)	A ² -Excellent
Sulfuric Acid (10-75%)	A ¹ -Excellent
Sulfuric Acid (75-100%)	C ¹ -Fair
Sulfuric Acid (cold concentrated)	A ² -Excellent
Sulfuric Acid (hot concentrated)	D-Severe Effect
Sulfurous Acid	A-Excellent
Sulfuryl Chloride	N/A
Tallow	A ² -Excellent
Tannic Acid	A-Excellent
Tanning Liquors	A ¹ -Excellent
Tartaric Acid	A-Excellent
Tetrachloroethane	C-Fair
Tetrachloroethylene	D-Severe Effect
Tetrahydrofuran	C ² -Fair
Tin Salts	A-Excellent
Toluene (Toluol)	C ¹ -Fair

Tomato Juice	A-Excellent
Trichloroacetic Acid	A-Excellent
Trichloroethane	C-Fair
Trichloroethylene	C ¹ -Fair
Trichloropropane	N/A
Tricresylphosphate	A ¹ -Excellent
Triethylamine	D-Severe Effect
Trisodium Phosphate	A-Excellent
Turpentine	D-Severe Effect
Urea	A-Excellent
Uric Acid	N/A
Urine	A-Excellent
Varnish	A-Excellent
Vegetable Juice	N/A
Vinegar	A-Excellent
Vinyl Acetate	B ¹ -Good
Vinyl Chloride	N/A
Water, Acid, Mine	A-Excellent
Water, Deionized	A ² -Excellent
Water, Distilled	A-Excellent
Water, Fresh	A-Excellent
Water, Salt	A-Excellent
Weed Killers	N/A
Whey	N/A
Whiskey & Wines	A-Excellent
White Liquor (Pulp Mill)	A ¹ -Excellent
White Water (Paper Mill)	A-Excellent

Xylene	B-Good
Zinc Chloride	A-Excellent
Zinc Hydrosulfite	N/A
Zinc Sulfate	A-Excellent

Explanation of Footnotes

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

Ratings: Chemical Effect

A = Excellent.

B = Good, Minor Effect, slight corrosion or discoloration

C = Fair, Moderate Effect, not recommended for continuous use. Softening, loss of strength, or swelling may occur.

D = Severe Effect, not recommended for ANY use.

N/A = Information not available.

CAUTION: Variations in chemical behavior during handling due to factors such as temperature, pressure, and concentrations can cause equipment to fail, even though it passed an initial test.

Contact Us

Whatever your issue, concern or question, contact our OEM team using the below contact details. Alternatively, visit our website and open a live chat to start discussions.

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