



Pow-R Wrap - Chemical Resistance Listing

A

Acetaldehyde	Acetamide	Acetate Solvent	Acetic Acid, Glacial
Acetic Acid 20%	Acetic Acid 80%	Acetic Acid	Acetic Anhydride
Acetyl Chloride (Dry)	Acetylene	Acrylonitrile	Benzyl Alcohol
Diacetone Alcohol	Ethyl Alcohol	Hexyl Alcohol	Isobutyl Alcohol
Isopropyl Alcohol	Methyl Alcohol	Octyl Alcohol	Propyl Alcohol
Aluminum Chloride 20	Aluminum Chloride	Aluminum Fluoride	Aluminum Hydroxide
Aluminum Potassium Sulfate 10%		Aluminum Potassium Sulfate 100%	
Aluminum Sulfate	Amines	Ammonia 10%	Ammonia
Anhydrous Ammonia	Ammonia Liquid	Ammonia Nitrate	Ammonium Bifluoride
Ammonium Carbonate	Ammonium Casenite	Ammonium Chloride	Ammonium Hydroxide
Ammonium Nitrate	Ammonium Oxalate	Ammonium Persulfate	Ammonium Phosphate Dibasic
Ammonium Phosphate Monobasic		Ammonium Phosphate Tribasic	
Ammonium Sulfate	Ammonium Thiosulfate	Amyl Acetate	Amyl Chloride
Aniline	Anti-Freeze	Arochlor 1248	Aromatic Hydrocarbons
Arsenic Acid	Asphalt		

B

Barium Carbonate	Barium Chloride	Barium Cyanide	Barium Hydroxide
Barium Nitrate	Barium Sulfate	Barium Sulfide	Beer
Beet Sugar Liquids	Benzaldehyde	Benzoic Acid	Benzol
Borax (Sodium Borate)	Boric Acid	Brewery Slop	Butadiene
Butane	Butter	Buttermilk	Butylene
Butylacetate	Butaric Acid		

C

Calcium Bisulfate	Calcium Bisulfide	Calcium Bisulfite	Calcium Carbonate
Calcium Chloride	Calcium Hydroxide	Calcium Hypochlorite	Calcium Sulfate
Calgon	Cane Juice	Carbolic Acid (See Phenol)	
Carbon Bisulfide	Carbon Dioxide	Carbon Dioxide (Dry)	Carbon Dioxide (Wet)
Carbon Disulfide	Carbon Monoxide	Carbon Tetrachloride	Carbonated Water
Carbonic Acid	Catsup	Chloroacetic Acid	Chlorinated Glue
Anhydrous Liquid Chlorine		Chlorine Water	Chlorobenzene (Mono)
Chloroform	Chlorosulfonic Acid	Chocolate Syrup	Chromic Acid 5%
Chromic Acid 10%	Chromic Acid 30%	Cider	Citric Acid
Citric Oils	Chlorox (Bleach)	Coffee	Copper Chloride
Copper Cyanide	Copper Fluoborate	Copper Nitrate	Copper Sulfate 5%
Copper Sulfate >5%	Cream	Cresols	Cresylic Acid
Cyanic Acid	Cyclohexane		

D

Detergents	Dichlorethane	Diesel Fuel	Diethylamine
Diethylene Glycol	Diphenyl Oxide	Dyes	

E

Epsom Salts (Magnesium Sulfate)	Ethane, Ethanolamine	Ether, Ethyl Acetate
Ethyl Chloride	Ethyl Sulfate	Ethylene Dichloride
Ethylene Glycol	Ethylene Oxide	

F

Fatty Acids	Ferric Chloride	Ferric Sulfate	Ferrous Chloride
Ferrous Sulfate	Fluoboric Acid	Fluosilicic Acid	Formaldehyde 40%
Formaldehyde 100%	Formic Acid	Freon 11	Freon 12
Freon 22	Freon 113	Freon TF	Fruit Juice
Fuel Oils	Furan Resin	Furfural	

G

Gasoline	Gelatin	Glucose	Glue P.V.A.
Glycerin	Glycolic Acid	Gold Monocyanide	Grape Juice
Grease			

H

Heptane,	Hexane	Honey	Hydraulic Oil (Petro)
Hydraulic Oil (Synthetic)		Hydrazine	Hydrobromic Acid 20%,
Hydrochloric Acid, Dry Gas		Hydrochloric Acid 20%	Hydrochloric Acid 37%
Hydrocyanic Acid	Hydrofluoric Acid 20%	Hydrofluoric Acid 50%	Hydrofluoric Acid 75%
Hydrofluositicic Acid 20%		Hydrofluositicic Acid 100%	
Hydrogen Peroxide 10%		Hydrogen Peroxide 30%	
Hydrogen Peroxide 100%		Hydrogen Sulfide (Aqua)	
Hydrogen Sulfide (Dry)		Hydroxyacetic Acid 70%	

I

Ink	Iodine	Isotane	Isopropyl Acetate
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J

Jet Fuel (JP3,-4,-5)

K

Kerosene	Ketones
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L

Lacquers	Lacquer Thinners	Lactic Acid	Lard
Latex	Lead Acetate	Lead Sulfamate	Ligroins
Lime	Lubricants		

M

Magnesium Carbonate	Magnesium Chloride	Magnesium Hydroxide	Magnesium Nitrate
Magnesium Oxide	Magnesium Sulfate	Maleic Acid	Maleic Anhydride
Mash	Mayonnaise	Melamine	Mercuric Chloride (Dilute)
Mercuric Cyanide	Mercury	Methanol (Methyl Alcohol)	
Methyl Acrylate	Methyl Acetone	Methyl Alcohol 10%	Methyl Bromide
Methyl Butyl Ketone	Methyl Cellosolve	Methyl Dichloride	Methyl Ethyl Ketone
Methyl Isobutyl Ketone	Methyl Isopropyl Ketone		Methyl Methacrylate
Methylamine	Methylene Chloride	Milk	Molasses
Mustard			

N

Naphtha	Naphthalene	Nickel Chloride	Nickel Sulfate
Nitric Acid (5-10%)	Nitric Acid (20%)	Nitrobenzene	

O

Oils

(Analine, Anise, Bay, Bone, Castor, Cinnamon, Citric, Clove, Cocoa Nut, Cod Liver, Corn, Cotton Seed, Creosote, Diesel Fuel (20, 30, 40, 50), Fuel (1, 2, 3, 5A, 5B, 6), Ginger, Hydraulic, Lemon, Linseed, Mineral, Olive, Orange, Palm, Peanut, Peppermint, Pine, Rapeseed, Rosin, Sesame Seed, Silicone, Soybean, Sperm, Tanning) Turbine

Oleic Acid	Oxalic Acid (Cold)
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P

Paraffin	Pentane	Petrolatum	Phenol (10%)
Phenol (Carbolic Acid)	Phosphoric Acid (<40%)		Phosphoric Acid (>40%)
Phosphoric Acid (Crude)		Photographic Developer	
Picric Acid			

Plating Solutions

PS Antimony Plating 130°F	PS Arsenic Plating 110°F
PS Brass Plating	PS BP CU-CD Bronze Bath R.T.
PS BP CU-SN Bronze Bath 160°F	PS BP CU-ZN Bronze Bath 100°F

Cadmium Plating

PS CaP Cyanide Bath 90°F
 PS CaP Fluoborate Bath 130°F

Chromium Plating

PS ChR Chromic-Sulfuric Bath 130°F	PS ChR Fluosilicate Bath 95°F
PS ChR Fluoride Bath 130°F	PS ChR Black Chrome Bath 115°F
PS ChR Barrel Chrome Bath 95°F	

Copper Plating (Cyanide)

PS CPCy Copper Strike Bath 120°F	PS CPCy Rochelle Salt Bath 150°F
PS CPCy High Speed Bath 180°F	

Copper Plating (Acid)

PS CPAc Copper Sulfate Bath R.T.	PS CPAc Copper Fluoborate Bath 120°F
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Copper Plating (Misc)

PS CPM Copper Pyrophosphate	PS CPM Copper (Electroless)
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Gold

PS GP Cyanide 150°F	PS GP Neutral 75°F
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PS GP Acid 75°F

PS IP Ferrous Chloride Bath 190°F

PS IP Ferrous AM Sulfaten Bath 150°F
 PS IP Fluoborate Bath 145°F
 PSLead Fluoborate Plating

PS NP Watts Type 115-160°F
 PS NP Fluoborate 100-170°F
 PS NP Electroless 200°F
 PS Silver Plating 80-120°F
 PS Tin-Lead Plating 100°F

PS ZN Acid Chloride 140°F
 PS ZN Alkaline Cyanide Bath R.T.

Potash	Potassium Bicarbonate
Potassium Chlorate	Potassium Chloride
Potassium Cyanide Solutions	
Potassium Ferrocyanide	
Potassium Nitrate	Potassium Permanganate
Propylene Glycol	Pyridine

PS Indium Sulfamate Plating R.T.
Iron

PS IP Ferrous Sulfate Bath 150°F

PS IP Sulfate Chloride Bath 160°F
 PS IP Sulfamate 140°F

Nickel Plating

PS NP High Chloride 130-160°F
 PS NP Sulfamate 100-140°F
 PS Rhodium Plating 120°F
 PS Tin-Fluoborate Plating 100°F

Zinc Plating

PS ZN Acid Fluoborate Bath R.T.

Potassium Bromide	Potassium Carbonate
Potassium Chromate	
Potassium Dichromate	
Potassium Hydroxide (Caustic Potash)	
Potassium Sulfate	Propane (Liquified)
Pyrogallic Acid	

Q

R

Rosins	Rum	Rust Inhibitors
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S

Salad Dressings	Sea Water	Shellac (Bleached)	Shellac (Orange)
Silicone	Silver Bromide	Silver Nitrate	Soap Solutions
Soda Ash	Sodium Acetate	Sodium Aluminate	Sodium Bicarbonate
Sodium Bisulfate	Sodium Bisulfite	Sodium Borate	Sodium Carbonate
Sodium Chlorate	Sodium Chloride	Sodium Chromate	Sodium Cyanide
Sodium Fluoride	Sodium Hydroxide (20%)		
Sodium Hydroxide (50%)		Sodium Hydroxide (80%)	
Sodium Hypochlorite (<20%)		Sodium Hyposulfate	
Sodium Metaphosphate		Sodium Metasilicate	Sodium Nitrate
Sodium Perborate	Sodium Peroxide	Sodium Polyphosphate	Sodium Silicate
Sodium Sulfate	Sodium Sulfide	Sodium Sulfite	Sodium Tetraborate
Sodium Thiosulfate (Hypo)		Sorghum	Soy Sauce
Stannic Chloride	Stannic Fluoborate	Stannous Chloride	Starch
Stearic Acid	Stoddard Solvent	Styrene	Sugar (Liquids)
Sulfate (Liquors)	Sulfur Chloride	Sulfur Dioxide (Dry)	Sulfur Trioxide (Dry)
Sulfuric Acid (<10%)	Sulfuric Acid (10-75%)	Sulfuric Acid (75-100%)	Sulfurous Acid
Sulfuryl Chloride			



300 S. Dayton St.
Davison, MI 48423
Phone: 810.503.9000

T

Tallow	Tannic Acid	Tanning Liquors	Tartaric Acid
Tetrachloroethane	Tetrahydrofuran	Toluene (Toluol)	Tomato Juice
Trichloroethane	Trichloroethylene	Trichloropropane	Tricresylphosphate
Triethylamine	Turpentine		

U

Urine

V

Varnish	Vegetable Juice	Vinegar
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W

Water	Water Acid Mine	Distilled Water	Fresh Water
Salt Water	Weed Killers	Whey	Whiskey/Wines
White Liquor (Pulp mill)		White Water (Paper mill)	

X

Xylene

Y

Z

Zinc Chloride	Zinc Hydrosulfite	Zinc Sulfate
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The following resistance information is to serve only as a reference guide and is based on data obtained from independent sources. It does not represent actual testing done by Fernco and should not be interpreted as a warranty, expressed or implied.