

**Acid Resist Chart**

R = Recommended | N = Not Recommended

Reagent	PVC 72°F
Acetic Acid 20%	R
Acetic Acid 80%	N
Acetone	N
Alcohol (Methyl or Ethyl)	R
Aluminum Chlorate	R
Aluminum Sulfate	R
Alums	R
Ammonia Gas (Dry)	R
Ammonium Chloride	R
Ammonium Hydroxide	R
Ammonium Nitrate	R
Ammonium Phosphate	R
Ammonium Sulfate	R
Ammonium Sulfide	R
Amyl Chloride	N
Aniline	N
Aqua Regia	N
Barium Chloride	R
Barium Hydroxide 10%	R
Barium Sulfate	R
Barium Sulfide	R
Beer	R
Beet Sugar Liquors	R
Benzene	N
Benzoic Acid	R
Black Liquor	N
Bleach 12 5% active Cl <sub>2</sub>	R
Boric Acid	R
Bromic Acid	R
Bromine Water	N
Butane	N
Butyric Acid	N
Calcium Carbonate	R
Calcium Chloride	R
Calcium Hydroxide	R
Calcium Hypochlorite	R
Calcium Sulfate	R
Cane Sugar Liquors	R
Carbon Bisulfide	N
Carbon Dioxide	R
Carbon Monoxide	R
Carbon Tetrachloride	N
Carbon Acid	R
Caustic Soda	R
Caustic Potash	R
Chloride (Dry)	N
Chloride (Wet)	N
Chloroacetic Acid	N
Chlorobenzene	N

**Reagent****PVC  
72°F**

Chromic Acid 10%	N
Chromic Acid 50%	N
Citric Acid	R
Copper Chloride	R
Copper Cyanide	R
Copper Nitrate	R
Copper Sulfate	R
Cottonseed Oil	N
Cresol	N
Cyclohexanone	N
Dimethylamine	N
Diethylphalate	N
Disodium Phosphate	N
Distilled Water	R
Ethers	N
Ethyl Acetate	N
Ethylene Chloride	N
Ethylene Glycol	N
Fatty Acids (C6)	R
Ferric Chloride	R
Ferric Sulfate	R
Flourine (Gas Wet)	N
Formaldehyde (37%)	N
Formic Acid (90%)	N
Freon 12	N
Fruit Juices & Pulp	R
Furfural	N
Gasoline (Refined)	N
Glucose	R
Glycerine	N
Hydrobromic Acid (20%)	N
Hydrochloric Acid	R
Hydrocyanic Acid	N
Hydroquinone	R
Hypochlorous Acid	R
Iodine	N
Kerosene	N
Lactic Acid 25%	R
Linseed Oil	N
Liquors	N
Machine Oil	N
Magnesium Chloride	R
Magnesium Sulfate	R
Maleic Acid	N
Methyl Chloride	N
Methyl Ethyl Ketone	N
Milk	R
Mineral Oils	N
Mixed Acids	N
Muriatic Acid	R
Nickel Chloride	R

Reagent	PVC 72°F
Oils & Fats	N
Oleic Acid	N
Oleum	N
Oxalic Acid	R
Palmitric Acid 10%	N
Perchloric Acid 10%	R
Perchloric Acid 70%	N
Petroleum Oils (Sour)	N
Phenol 5%	N
Photographic Solutions	R
Phosphorous Trichloride	N
Piric Acid	N
Plating Solution	R
Potassium Carbonte	R
Potassium Chlorate	R
Potassium Chloride	R
Potassium Cyanide	R
Potassium Dichromate	R
Potassium Hydroxide	R
Potassium Sulfate	R
Propane Gas	R
Propyl Alcohol	R
Sea Water	R
Sewerage	R
Silver Cyanide	R
Silver Nitrate	R
Silver Sulfate	R
Sodium Bicarbonate	R
Sodium Bisulfite	R
Sodium Carbonate	R
Sodium Cyanide	R
Sodium Ferrocyanide	R
Sodium Hydroxide	R
Sodium Hypochlorite	R
Sodium Sulfate	R
Sodium Sulfide	R
Sodium Sulfite	R
Sodium Thiosulfate	R
Stannic Chloride	R
Stannos Chloride	R
Stearic Acid	R
Sulfite Liquor	R
Sulfur	R
Sulfur Dioxide (Dry)	R
Sulfur Dioxide (Wet)	R
Sulfuric Acid 50%	R
Sulfuric Acid 70%	R
Sulfuric Acid 93%	N
Sulfurous Acid	N
Tannic Acid	R
Tanning Liquors	R

Reagent	PVC 72°F
Toulene	N
Trichloroethylene	N
Triethanolamine	N
Trisodium Phosphate	N
Turpentine	N
Urea	R
Urine	R
Vinegar	R
Water (Fresh)	R
Water (Salt)	R
Whiskey	R
Wines	R
Xylene	N
Zinc Chloride	R
Zinc Sulfate	R

**NOTE:**

The data listed in this table is only to give information in regard to general use and does not constitute a guarantee. Materials should be tested under actual service to determine suitability for a particular purpose.