

# Acid Resist Chart



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

Reagent	PVC	Temperature
Chlorobenzene	N	72° F
Chloroform	N	72° F
Chromic Acid 10%	N	72° F
Chromic Acid 50%	N	72° F
Citric Acid	R	72° F
Copper Chloride	R	72° F
Copper Cyanide	R	72° F
Copper Nitrate	R	72° F
Copper Sulfate	R	72° F
Cottonseed Oil	N	72° F
Cresol	N	72° F
Cyclohexanol	N	72° F
Cyclohexanone	N	72° F
<b>D</b>		
Dimethylamine	N	72° F
Diethylphalate	N	72° F
Disodium Phosphate	N	72° F
Distilled Water	R	72° F
<b>E</b>		
Ethers	N	72° F
Ethyl Acetate	N	72° F
Ethylene Chloride	N	72° F
Ethylene Glycol	N	72° F
<b>F</b>		
Fatty Acids (C <sub>6</sub> )	R	72° F
Ferric Chloride	R	72° F
Ferric Sulfate	R	72° F
Flourine (Gas Wet)	N	72° F
Formaldehyde (37%)	N	72° F
Formic Acid (90%)	N	72° F
Freon 12	N	72° F
Fruit Juices & Pulp	R	72° F
Furfural	N	72° F
<b>G</b>		
Gasoline (Refined)	N	72° F
Glucose	R	72° F
Glycerine	N	72° F
<b>H</b>		
Hydrobromic Acid (20%)	N	72° F
Hydrochloric Acid	R	72° F
Hydrocyanic Acid	N	72° F
Hydroquinone	R	72° F
Hypochlorous Acid	R	72° F
<b>I</b>		
Iodine	N	72° F
<b>K</b>		
Kerosene	N	72° F
<b>L</b>		
Lactic Acid 25%	R	72° F
Linseed Oil	N	72° F
Liquors	N	72° F

R = Recommended | N = Not Recommended

# Acid Resist Chart



Reagent	PVC	Temperature
<b>M</b>		
Machine Oil	N	72° F
Magnesium Chloride	R	72° F
Magnesium Sulfate	R	72° F
Maleic Acid	N	72° F
Methyl Chloride	N	72° F
Methyl Ethyl Ketone	N	72° F
Milk	R	72° F
Mineral Oils	N	72° F
Mixed Acids	N	72° F
Muriatic Acid	R	72° F
<b>N</b>		
Nickel Chloride	R	72° F
Nickel Sulfate	R	72° F
<b>O</b>		
Oils & Fats	N	72° F
Oleic Acid	N	72° F
Oleum	N	72° F
Oxalic Acid	R	72° F
<b>P</b>		
Palmitric Acid 10%	N	72° F
Perchloric Acid 10%	R	72° F
Perchloric Acid 70%	N	72° F
Petroleum Oils (Sour)	N	72° F
Phenol 5%	N	72° F
Photographic Solutions	R	72° F
Phosphorous Trichloride	N	72° F
Piric Acid	N	72° F
Plating Solution	R	72° F
Potassium Carbonte	R	72° F
Potassium Chlorate	R	72° F
Potassium Chloride	R	72° F
Potassium Cyanide	R	72° F
Potassium Dichromate	R	72° F
Potassium Hydroxide	R	72° F
Potassium Permanganate 10%	R	72° F
Potassium Sulfate	R	72° F
Propane Gas	R	72° F
Propyl Alcohol	R	72° F
<b>S</b>		
Sea Water	R	72° F
Sewerage	R	72° F
Silver Cyanide	R	72° F
Silver Nitrate	R	72° F
Silver Sulfate	R	72° F
Sodium Bicarbonate	R	72° F
Sodium Bisulfite	R	72° F
Sodium Carbonate	R	72° F
Sodium Cyanide	R	72° F
Sodium Ferrocyanide	R	72° F
Sodium Hydroxide	R	72° F

Reagent	PVC	Temperature
Sodium Hypochlorite	R	72° F
Sodium Sulfate	R	72° F
Sodium Sulfide	R	72° F
Sodium Sulfite	R	72° F
Sodium Thiosulfate	R	72° F
Stannic Chloride	R	72° F
Stannos Chloride	R	72° F
Stearic Acid	R	72° F
Sulfite Liquor	R	72° F
Sulfur	R	72° F
Sulfur Dioxide (Dry)	R	72° F
Sulfur Dioxide (Wet)	R	72° F
Sulfuric Acid 50%	R	72° F
Sulfuric Acid 70%	R	72° F
Sulfuric Acid 93%	N	72° F
Sulfurous Acid	N	72° F
<b>T</b>		
Tannic Acid	R	72° F
Tanning Liquors	R	72° F
Tartaric Acid	R	72° F
Toulene	N	72° F
Trichloroethylene	N	72° F
Triethanolamine	N	72° F
Trisodium Phosphate	N	72° F
Turpentine	N	72° F
<b>U</b>		
Urea	R	72° F
Urine	R	72° F
<b>V</b>		
Vinegar	R	72° F
<b>W</b>		
Water (Fresh)	R	72° F
Water (Salt)	R	72° F
Whiskey	R	72° F
Wines	R	72° F
<b>X</b>		
Xylene	N	72° F
<b>Z</b>		
Zinc Chloride	R	72° F
Zinc Sulfate	R	72° F

R = Recommended | N = Not Recommended

**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.