

Chemical Resistance Chart - PVC

Material PVC = Polyvinylchloride
Resistance E = Excellent G = Good F = Fair N = Not Recommended

This information, based on experience to date, is believed to be reliable. It is intended as a guide for use at your own discretion and risk. All indications refer to room temperature.

Chemical	Resistance
Acetaldehyde	G
Acetamide	N
Acetic Acid, 5%	E
Acetic Acid, 50%	E
Acetone	E
Aluminum Hydroxide	E
Ammonia	E
Ammonium Hydroxide	E
Ammonium Oxalate	E
n-Amyl Acetate	F
Amyl Chloride	N
Aniline	N
Benzaldehyde	N
Benzene	N
Benzoic Acid, Sat.	E
Benzyl Acetate	F
Boric Acid	E
Bromine	G
Bromobenzene	F
n-Butyl Acetate	N
sec-Butyl Alcohol	G
Butyric Acid	G
Calcium Hypochlorite	G
Carbazole	N
Carbon Disulfide	N
Carbon Tetrachloride	G
Chlorine	E
Chloroacetic Acid	F
Chloroform	N
Chromic Acid	E
Citric Acid	G
Cresol	N
Cyclohexane	G
Decalin	E
o-Dichlorobenzene	G
p-Dichlorobenzene	N
Diethyl Benzene	N
Diethyl Ether	F
Diethyl Ketone	N
Diethyl Malonate	G
Dimethyl Formamide	F
Ether	F
Ethyl Acetate	F
Ethyl Benzene	N
Ethyl Benzoate	N
Ethyl Butyrate	N
Ethyl Chloride, Liquid	N
Ethyl Cyanoacetate	NF

Chemical Resistance Chart - PVC

Ethyl Lactate	F
Ethylene Chloride	N
Ethylene Glycol	E
Ethylene Oxide	F
Fluorine	N
Formic Acid, 50%	G
Formic Acid, 90-100%	F
Fuel Oil	E
Gasoline	G
Glycerine	E
n-Heptane	F
Hexane	G
Hydrochloric Acid, 1-5%	E
Hydrochloric Acid, 35%	G
Hydrofluoric Acid, 4%	G
Hydrofluoric Acid, 48%	G
Hydrogen	E
Hydrogen Peroxide	E
Isopropyl Acetate	N
Isopropyl Benzene	N
Kerosene	E
Lactic Acid, 3%	G
Lactic Acid, 85%	G
Magnesium Salts	E
Methoxyethyl Oleate	N
Methyl Ethyl Ketone	N
Methyl Isobutyl Ketone	N
Methyl Propyl Ketone	N
Methylene Chloride	N
Nitric Acid, 50%	G
Nitric Acid, 70%	F
Nitrobenzene	N
n-Octane	F
Orange Oil	F
Perchloric Acid	G
Perchloroethylene	N
Phenol, Crystals	F
Phosphoric Acid, 1-5%	E
Phosphoric Acid, 85%	E
Potassium Hydroxide	E
Propane Gas	E
Propylene Glycol	F
Propylene Oxide	F
Resorcinol	F
Salicylaldehyde	F
Sulfuric Acid, 1-6%	E
Sulfuric Acid, 20%	E
Sulfuric Acid, 60%	E
Sulfuric Acid, 98%	N
Sulfur Dioxide, Liq.	F
Sulfur Salts	N
Tartaric Acid	E
Tetrahydrofuran	N
Thionyl Chloride	N
Toluene	F
Trichloroethane	N
Trichloroethylene	N
Turpentine	G
Vinylidene Chloride	N
Xylene	N
Zinc Salts/Stearate	E

Table courtesy of
[JENSEN INERT PRODUCTS, INC.](#)