

## PVC CHEMICAL RESISTANCE CHART

**A=SATISFACTORY B=BE EXPECTED TO CHANGE C=UNSATISFACTORY \*-CHECK WITH FACTORY**

NOTE: THIS PARTIAL LISTING IS FOR GENERAL GUIDANCE ONLY AND NO WARRANTY CAN BE EXTENDED AS EXACT OPERATING CONDITIONS MAY VARY IN EACH CASE. WE BASE THE INFORMATION ON PAST KNOWLEDGE AND EXPERIENCE.

Chemical	Concentration by Weight	Operating Conditions		Chemical	Concentration by Weight	Operating Conditions		Chemical	Concentration by Weight	Operating Conditions	
		68°F	140°F			68°F	140°F			68°F	140°F
Acetate Solvents		C	C	Cresylic Acid		C	C	Methyl Ethyl Ketone		C	C
Acetic Acid	10%	A	B	Cyclohexane		A	B	Methylene Chloride		C	C
Acetic Acid	Glacial	B	C	DDT Weed Killer		C	C	Mineral Oils		A	B
Acetone		C	C	Detergent Synthetic		A	B	Monochlorobenzene		C	C
Acrylonitrile		A	B	Developers Photographic		A	A	Naphtha		B	C
Adipic Acid		A	B	Dextrin		A	A	Naphthalene		C	C
Alcohol Methyl		A	B	Dextrose		A	A	Nitric Acid	10%	A	A
Alcohol Ethyl		A	B	Dibutyl Phthalate		C	C	Nitric Acid	40%	A	B
Alcohol Isopropyl		A	B	Dichlorobenzene		C	C	Nitric Acid	70%	C	C
Alcohol Methyl		A	B	Diesel Oil		B	C	Nitrobenzene		C	C
Aluminum Acetate		A	-	Diethylene Glycol		A	A	Nitrogen Fertilizers		A	-
Aluminum Chloride		A	A	Diethyl Ether		C	C	Oleic Acid		A	B
Aluminum Hydroxide		A	-	Dioctyl Phthalate		C	C	Oxalic Acid		A	A
Aluminum Sulfate		A	A	Emulsifiers		A	A	Palmitic Acid		A	A
Allyl Chloride		C	C	Emulsions Photographic		A	A	Paraffin		A	A
Ammonia	0.88S.G. Aqueous	A	A	Ethyl Acetate		C	C	Pentane		A	A
Ammonia	Dry Gas	A	-	Ethylene Dichloride		C	C	Perchloroethylene		C	C
Ammonia	Liquid	C	C	Ethylene Glycol		A	A	Phenol		B	C
Ammonium Chloride		A	A	Fatty Acid		A	A	Phosphoric Acid		A	A
Animal Oils		A	A	Ferric Chloride		A	A	Pitch		A	B
Amyl Acetate		C	C	Ferric Sulphate		A	A	Potassium Hydroxide		A	A
Aniline Oils		B	C	Ferrous Chloride		A	A	Propane		A	A
Aromatic Hydrocarbons		C	C	Ferrous Sulphate		A	A	Sea Water		A	A
Asphalt		C	C	Fixing Solution Photographic		A	A	Sodium Hydroxide	10%	C	C
ASTM Fuel A		B	B	Fluorine		C	C	Sodium Hydroxide	50%	C	C
ASTM Fuel B		C	C	Formaldehyde	40%	C	C	Sodium Cyanide		A	A
ASTM #1 Oil		A	A	Formic Acid	40%	A	A	Soybean Oil		A	B
ASTM #3 Oil		B	C	Formic Acid	50%	B	C	Stearic Acid		A	A
Barium Chloride		A	A	Formic Acid	100%	C	C	Styrene		C	C
Barium Hydroxide		A	A	Fuel Oil		B	C	Sulphur Dioxide	Dry	A	A
Barium Sulfide		A	A	Glacial Acetic Acid		B	C	Sulphur Dioxide	Moist	B	C
Benzene		C	C	Glucose		A	A	Sulphur Dioxide	Liquid	C	C
Benzine		B	B	Glycerine		A	A	Sulphuric Acid	45%	*	*
Bordaux Mixture		A	A	Grape Sugar		A	A	Sulphuric Acid	60%	*	*
Borax		A	A	Grease		A	B	Sulphuric Acid	98%	*	*
Boric Acid		A	A	Heptane		B	C	Sulphurous Acid	30%	*	*
Brine		A	A	Hexane		B	C	Tannic Acid		A	A
Bromine Traces		C	C	Hydrobromic Acid		C	C	Tartaric Acid		A	A
Butyl Acetate		C	C	Hydrochloric Acid	10%	C	C	Tetrahydrofuran		C	C
Calcium Hydroxide		A	A	Hydrochloric Acid	40%	C	C	Toluene		C	C
Calcium Hypochlorite		A	A	Hydrofluoric Acid	10%	C	C	Trichlorethylene		C	C
Carbonic Acid		B	C	Hydrofluoric Acid	40%	C	C	Triethanolamine		A	A
Carbon Dioxide		A	A	Hydrofluoboric Acid		A	A	Tricresyl Phosphate		C	C
Carbon Disulphite		C	C	Hydrofluosilicic Acid		A	A	Turpentine		B	C
Carbon Monoxide		A	A	Hydrogen Peroxide		A	-	Urea		A	A
Carbon Tetrachloride		C	C	Hydrogen Sulphide		A	-	Vinegar		A	A
Casein		A	B	Iso-Octane		A	B	Vinyl Acetate		C	C
Chlorine	Dry Gas	A	A	Isopropyl Acetate		C	C	Vinyl Chloride		C	C
Chlorine	Wet Gas	B	C	Kerosene		B	B	Water		A	A
Chlorine	Water	C	C	Ketones		C	C	Xylene		C	C
Chlorobenzene		C	C	Lactic Acid	10%	A	-	Zinc Chloride		A	A
Chloroform		C	C	Lactic Acid	100%	C	C	Zinc Sulphate		A	A
Chromic Acid		A	B	Lacquer Solvents		B	C				
Citric Acid		A	A	Linseed Oil		A	A				
Coal Tar		C	C	Lubricating Oils		A	A				
Copper Chloride		A	A	Magnesium Chloride		A	A				
Copper Nitrate		A	A	Magnesium Hydroxide		A	A				
Copper Sulphate		A	A	Magnesium Sulphate		A	A				
Cottonseed Oil		B	C	Malic Acid		A	A				
Creosote		C	C	Methyl Acetate		C	C				
Cresol		A	B	Methyl Bromide		C	C				