

# PVC HOSE CHEMICAL RESISTANCE CHART

A = SATISFACTORY

B = BE EXPECTED TO CHANGE

C = UNSATISFACTORY

**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.

(REFERENCE ONLY CHECK WITH FACTORY)

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