ANAMET

Chemical Resistance

The following chart gives a guideline of chemical resistance of PVC jacketed conduits.

1 - Excellent 2 - Good 3 - Fair 4 - Poor

Chemical	Concentration	Resistance
Acetate Solvents		4
Acetic Acid	10%	2
Acetic Acid (Glacial)		3
Acetone		4
Acrylonitrite		1
Alcohols (Aliphatic)		3
Aluminum Chloride		1
Aluminum Sulfate (Alums)		1
Ammonia (Anhydrous Liquids)		4
Ammonia (Aqueous)		1
Ammoniated Latex		1
Ammonium Chloride		1
Ammonium Hydroxide		1
Amyl Acetate		4
Aniline Oils		4
Aromatic Hydrocarbons		4
Asphalt		4
ASTM Fuel A		3
ASTM Fuel B		4
ASTM #1 Oil		2
ASTM #3 Oil		3
Barium Chloride		1
Barium Sulphide		1
Barium Hydroxide		1
Benzene (Benzol)		4
Benzine (Petroleum Ether)		3
Black Liquor		1
Bordeaux Mixture		1
Boric Acid		1
Butyl Acetate		4
Butyl Alcohol		2
Calcium Hydroxide		1
Calcium Hypochloride		1
Carbolic Acid (Phenol)		2
Carbon Dioxide		1
Carbon Disulphide		4
Carbon Tetrachloride		4
Carbonic Acid		1
Casein		1
Caustic Soda		1
Chlorine Gas (wet)		4
Chlorine Gas (dry)		4
Chlorine (water solution)		3
Chlorobenzene		4
Chlorinated Hydrocarbons		4
Chromic Acid	10%	2
Citric Acid		1
Coal Tar		4
Coconut Oil		3
Corn Oil		1
Cottonseed Oil		3
Creosote		4
Cresol		3
Cresylic Acid		4
Cyclohexane		2
DDT Weed Killer		1
Dibutyl Phthalate		4
Diesel Oils		3
Diethylene Glycol		2
Diethyl Ether		1
Di-isodecyl Phthalate		4
Dioctyl Phthalate		4
Dow General Weed Killer (Phenol)		4
Dow General Weed Killer (H_2O)		2
Ethyl Alcohol		3
Ethylene Dichloride		4
Ethylene Glycol		2
Ferric Chloride		1
Ferric Sulphate		1
Ferrous Chloride		1
Ferrous Sulphate		1
Formaldehyde		4
Fuel Oil		2
Furfural		3
Gallic Acid		1
Gasoline (Hi test)		3
Glycerine		1
Grease		1
Green Sulphate Liquor		1
Heptachlor in Petroleum Solvents		1
Heptane		3
Hexane		3
Hydrobromic Acid		1
Hydrochloric Acid	10%	1
Hydrochloric Acid	40%	3
Hydrochloric Acid	70%	4
Hydrofluorobonic Acid		1
Hydrofluorosilicic Acid		1
Hydrogen Peroxide	10%	1
Iso-octane		3
Isopropyl Acetate		4
Isopropyl Acetate		2
Jet Fuels (JP-3, 4 and 5)		3
Kerosene		3
Ketones		4
Linseed Oil		1
Lubricating Oils		1
Magnesium Chloride		1
Magnesium Hydroxide		1
Magnesium Sulphate		1
Malathion 50 in Aromatics		4
Malic Acid		1
Methyl Acetate		4
Methyl Alcohol		3
Methyl Bromide		4
Methyl Ethyl Ketone		4
Methylene Chloride		4
Mineral Oil		1
Monochlorobenzene		4
Muriatic Acid (see Hydrochloric Acid)		-
Naphtha		3
Naphthalene		4
Nitric Acid	10%	1
Nitric Acid	35%	1
Nitric Acid	70%	4
Oleic Acid		1
Oleum		4
Oxalic Acid		1
Pentachlorophenal in Oil		2
Pentane		3
Perchloroethylene		4
Petroleum Ether		3
Phenol		2
Phosphoric Acid	85%	1
Pitch		2
Potassium Hydroxide		1
Propyl Alcohol		2
Ritchfield "A" Weed Killer		3
Sea Water		1
Sodium Hydroxide	10%	1
Sodium Hydroxide	50%	1
Soybean Oil		3
Sodium Cyanide		1
Stoddard Solvent		4
Styrene		4
Sulpher Dioxide (liquid)		4
Sulpheric Acid	50%	1
Sulpheric Acid	98%	4
Sulphurous Acid		2
Tall Oil		4
Tannic Acid		1
Toluene		4
Trichlorethylene		4
Triethanol Amine		3
Tricresyl Phosphate (Skydrol)		4
Turpentine		3
Vinegar		1
Vinyl Chloride		4
Water		1
White Liquor		1
Xylene		4
Zinc Chloride		1
Zinc Sulphate		1

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