



Chemical Resistance Chart

The listed chemicals have been tested with results noted below. It is recommended that samples of conduit should be tested under actual conditions wherever possible, since results may differ from test conditions.

1- Excellent

Continuous Service

2- Good

Intermittent Service

3- Fair

Limited Service Life

4- Poor

Do not use

Chemical	%	Jacket Material		
		TPR	TPU	PVC
Acetate Solvents				4
Acetic Acid	10		2	2
Acetic Acid (Glacial)		4		3
Acetone		2	4	4
Acrylonitrile				1
Alcohols (Aliphatic)				3
Aluminum Chloride	10	2	2	1
Aluminum Sulfate (Alums)		2		1
Ammonia (Anhydrous Liquids)				4
Ammonia (Aqueous)				1
Ammoniated Latex				1
Ammonium Chloride	10	2	2	1
Ammonium Hydroxide		2		1
Amyl Acetate		4		4
Aniline Oils			4	4
Aromatic Hydrocarbons				4
Asphalt		4		4
ASTM Fuel A			2	3
ASTM Fuel B		4	2	4
ASTM # 1 Oil		4	2	2
ASTM # 3 Oil		4	2	3
Barium Chloride				1
Barium Sulfide				1
Barium Hydroxide				1
Benzene (Benzol)		4	4	4
Benzene (Petroleum Ether)			4	3
Black Liquor				1
Bordeaux Mixture				1
Boric Acid			2	1
Butyl Acetate		4	4	4
Butyl Alcohol		2	4	2
Calcium Hydroxide				1
Calcium Hypochlorite				1
Carbolic Acid (Phenol)		4		2
Carbon Dioxide		2		1
Carbon Disulfide		4		4
Carbon Tetrachloride			4	4
Carbonic Acid				1
Casein				1
Caustic Soda	10	2	1	1
Chlorine Gas (wet)		2		4
Chlorine Gas (dry)		2		4
Chlorine (water solution)				3
Chlorobenzene		4	4	4
Chlorinated Hydrocarbons				4

Chemical	%	Jacket Material		
		TPR	TPU	PVC
Chromic Acid	10	2	4	2
Citric Acid			2	1
Coal Tar				4
Coconut Oil				3
Corn Oil				1
Cottonseed Oil				3
Creosote		4		4
Cresol				3
Cresylic Acid				4
Cyclohexane			4	2
DDT Weed Killer		4		1
Dibutyl Phthalate		4		4
Diesel Oils		4		3
Diethylene Glycol			2	2
Diethyl Ether				1
Di-isodecyl Phthalate				4
Dioctyl Phthalate			1	4
Dow General Weed Killer (Phenol)				4
Dow General Weed Killer (H2O)				2
Ethyl Alcohol		1	4	3
Ethylene Dichloride		4		4
Ethylene Glycol	50		2	2
Ferric Chloride	10	1	2	1
Ferric Sulfate		1		1
Ferrous Chloride		2		1
Ferrous Sulfate		1		1
Formaldehyde		1		4
Fuel Oil		4		2
Furfural		4		3
Gallic Acid				1
Gasoline (Hi Test)		4	4	3
Glycerine		2	1	1
Grease			1	1
Green Sulfate Liquor				1
Heptachlor in Petroleum Solvents				1
Heptane		4	2	3
Hexane		4	2	3
Hydrobromic Acid		2	1	1
Hydrochloric Acid	10	2		1
Hydrochloric Acid	40			3
Hydrochloric Acid	70			4
Hydrofluorobonic Acid				1
Hydrofluorosilicic Acid		4		1
Hydrogen Peroxide	10	2	1	1
Iso-octane		4		3

