

CHEMICAL RESISTANCE CHART

CHEMICAL RESISTANCE AT ROOM TEMPERATURE 23°C (73°F)

Acids:		Alkalis:		Solvents:	
Formic acid 10%	0	Aluminum hydroxide	+	Organic hydrocarbons	-
Formic acid 40%	-	Amine	0	Ethyl alcohol	-
Boric acid 3%	+	Ammonium hydroxide 10%	+	Ethyl alcohol 10%	0
Chromic acid 10%	+	Ammonium hydroxide 25%	0	Ethyl acetate	-
Chromic acid 20%	+	Ammonium hydroxide alcohol	0	Gasoline regular	+
Chromic acid 40%	0	Potassium hydroxide 10%	+	Gasoline super	0
Acetic acid 10%	+	Potassium hydroxide 30%	+	Benzene	-
Acetic acid 25%	+	Potassium hydroxide 50%	+	Butyl alcohol	-
Acetic acid 30%	0	Slaked Lime	+	Butyl acetate	-
Acetic acid 80%	-	Sodium hydroxide 10%	+	Chloroform	-
Fatty acid	0	Sodium hydroxide 30%	+	Cyclohexane	+
Oxalic acid 10%	+			Dibutylphthalate	0
Lactic acid 5%	+			Diesel oil	+
Lactic acid 10%	+			Diethylphthalate	0
Phosphoric acid 10%	+			Glycerol	0
Phosphoric acid 20%	+			Heptane	+
Phosphoric acid 40%	+			Hexane	+
Phosphoric acid conc.	0			Isopropyl alcohol	-
Nitric acid 10%	+			Kerosene	+
Nitric acid 30%	0			White spirit	+
Nitric acid conc.	-			Methanol	-
Hydrochloric acid 10%	+			Methylene chloride	-
Hydrochloric acid 30%	0			Monochlorobenzene	0
Hydrochloric acid conc.	+			n-Propylalcohol	-
Sulphuric acid 10%	+			n-Propylacetate	-
Sulphuric acid 30%	+			Ethylene perchlorate	0
Sulphuric acid 50%	0			Petroleum	+
Sulphuric acid 80%	-			Phenol	0
Citric acid 10%	+			Styrene	0
Citric acid 30%	+			Carbon tetrachloride	-
				Trichloroethylene	-
				Toluene	-

EVALUATION:

+ Excellent Resistance After Months of Contact
 0 Fair Resistance After 4 Hours of Contact
 - Poor Resistance After 4 Hours of Contact