

# Chemical Resistance Comparison Chart



Chemical	PVC	PC	Chemical	PVC	PC	Chemical	PVC	PC	Chemical	PVC	PC
Acetaldehyde	G	F	Diethyl Ether	F	NR	Isopropyl Benzene	NR	NR	Propylene Glycol	F	G
Acetamide	NR	NR	Diethyl Ketone	NR	NR	Kerosene	E	E	Propylene Oxide	F	G
Acetic Acid 50%	E	F	Diethyl Malonate	G	NR	Lactic Acid, 3%	G	E	Resorinol	F	G
Acetic Acid 5%	E	E	Dimethyl Ether	E	E	Lactic Acid, 85%	G	F	Salicylaldehyde	F	G
Acetone	E	NR	Dimethyl Formamide	F	NR	Lubricating Oils	G	E	sec-Butyl Alcohol	G	G
Acetoprene	NR	NR	Ether	F	NR	Magnesium Salts	E	E	Sodium Hydroxide 10%	E	NR
Aluminium Hydroxide	E	20%	Ethyl Acetate	F	NR	Methane	E	E	Sodium Hydroxide 5%	E	E
Amonium	E	NR	Ethyl Alcohol (Ethonal)	E	E	Methoxyethyl Oleate	NR	NR	Sulfur Dioxide, Liquid	F	E
Amonium Hydroxide	E	NR	Ethyl Benzene	NR	NR	Methyl Alcohol (Methonal)	E	NR	Sulfure Salts	NR	NR
Ammonium Oxalate	E	NR	Ethyl Benzoate	NR	NR	Methyl Alcohol (Methonal)	E	NR	Sulfuric Acid, 1-6%	E	E
Ammonium Oxalate	E	NR	Ethyl Butyrate	NR	NR	Methyl Benzene	NR	NR	Sulfuric Acid, 20%	E	E
Amyl Chloride	NR	NR	Ethyl Chloride, Liquid	E	NR	Methyl Ethyl Ketone	NR	NR	Sulfuric Acid, 60%	E	F
Aniline	NR	F	Ethyl Chloride, Liquid	E	NR	Methyl Isobutyl Ketone	NR	NR	Sulfuric Acid, 98%	NR	NR
Benzaldehyde	NR	F	Ethyl Cyanoacetate	NR	NR	Methyl Propyl Ketone	NR	NR	Tartaric Acid	NR	30%
Benzene	NR	NR	Ethyl Lactate	F	F	Methylene Chloride	NR	20%	Tetrahydrofuran	E	NR
Benzoic Acid, Sat.	E	E	Ethyl Methyl Ketone	NR	NR	Mild Detergent	E	E	Thionyl Chloride	NR	NR
Benzyl Acetate	F	NR	Ethylene Chloride	NR	NR	n-Amyl Acetate	F	NR	Toluene	F	NR
Bonic Acid	E	E	Ethylene Glycol	E	G	n-Butyl Acetate	NR	NR	Trichloroethane	NR	NR
Bromine	G	NR	Rhylene Oxide	F	F	n-Heptane	F	G	Trichloroethylene	NR	NR
Bromobenzene	F	NR	Fluorine	NR	F	Nitric Acid, 50%	G	F	Turoentine	G	F
Butyric Acid	G	NR	Formic Acid, 50%	G	E	Nitric Acid, 70%	F	NR	Vinylidene Chloride	NR	NR
Calcium Hypochlorite	G	G	Formic Acid, 90-100%	F	F	Nitrobenzene	NR	NR	Water (Ambient)	E	E
Carbazole	G	F	Fuel Oil	E	G	n-Octane	F	NR	Water (Hot>60°C)	E	E
Carbon Disulfide	NR	NR	Gasoline	G	G	o-Dichlorobenzene	G	NR	Water (Steam)	NR	F
Carbon Tetrachloride	G	NR	Glycerine	E	E	Orange Oil	F	F	Xylene	NR	NR
Chlorine	E	NR	Hexane	G	G	p-Dichlorobenzene	NR	NR	Zibc Salts / Stearate	NR	NR
Chloroacetic Acid	F	20%	Hydraulic Oil	NR	NR	Perchloric Acid	G	10%		E	E
Chlorofoam	NR	NR	Hydrachloric Acid, 1-5%	E	E	Perchloroethylene	NR	NR			
Chromic Acid	E	20%	Hydrochloric Acid, 35%	G	F	Petroleum	E	E			
Citric Acid	G	10%	Hydrochloric Acid, 4%	G	E	Phenol, Crystats	F	NR			
Cresol	NR	NR	Hydrofluoric Acid, 48%	G	G	Phosphoric Acid, 1-5%	E	E			
Cyclohexane	G	E	Hydrogen	E	E	Phosphoric Acid, 85%	E	E			
Decalin	E	E	Hydrogen Peroxide	E	30%	Potassium Hydroxide	E	F			
Dichethyl Benzene	NR	NR	Isopropyl Acetate	NR	NR	Propane Gas	E	F			

**PLEASE NOTE;**

This chart should only be used as a guide only. Test to determine the suitability of any chemical with any plastic, should be carried out. Please remember your safety equipment when using chemicals while testing.

G	GOOD
F	FAIR
E	EXCELLENT
NR	NOT RESISTANT
%	CONCENTRATE MAX

