

CHEMICAL RESISTANCE GUIDE

Chemical	Concentration	Low Density 20°	Low Density 60°	Med Density 20°	Med Density 60°	NB	Chemical	Concentration	Low Density 20°	Low Density 60°	Med Density 20°	Med Density 60°	NB
Acetic Acid	60%	✓	■	✓	■	E	Lead Acetate	Sat.	✓	✓	✓	✓	
Aluminium Chloride	Conc.	✓	✓	✓	✓		Lead Nitrate		✓	✓	✓	✓	
Ammonium Sulphate	Conc.	✓	✓	✓	✓		Magnesium Carbonate	Sat.	✓	✓	✓	✓	
Aromatic Hydrocarbons		x	x	x	x	E	Mercury	100%	✓	✓	✓	✓	
Barium Hydroxide		✓	✓	✓	✓		Methylene Chloride	100%	x	x	x	x	
Benzene		x	x	x	x	E	Mineral Oils		■	x	■	x	
Bleach Lye	10%	✓	✓	✓	✓		Naphtha		■	x	■	x	E
Brine		✓	✓	✓	✓		Nickel Sulphate	Conc.	✓	✓	✓	✓	
Butanediol	100%	✓	✓	✓	✓	E	Nitric Acid	30%	✓	✓	✓	✓	
Calcium Carbonate	Sat.	✓	✓	✓	✓		Nitric Acid	95%	x	x	x	x	
Camphor Oil		x	x	x	x	E	Perchloroethylene		x	x	x	x	
Carbon Dioxide	Conc.	✓	✓	✓	✓		Plating Solutions		✓	✓	✓	✓	E
Chlorine Liquid		x	x	x	x		Potassium Chloride	Sat.	✓	✓	✓	✓	
Citric Acid	Sat.	✓	✓	✓	✓	E	Potassium Hydroxide	Conc.	✓	✓	✓	✓	
Copper Sulphate	Sat.	✓	✓	✓	✓		Potassium Sulphate	Conc.	✓	✓	✓	✓	
Detergents, Synthetic		✓	✓	✓	✓	E	Propylene Dichloride	100%	x	x	x	x	E
Developers, Photographic		✓	✓	✓	✓		Seawater		✓	✓	✓	✓	
Dextrose	Sat.	✓	✓	✓	✓		Silver Nitrate		✓	✓	✓	✓	
Emulsions, Photographic		✓	✓	✓	✓	E	Soap Nitrate Solution	Conc.	✓	✓	✓	✓	E
Ethyl Alcohol	100%	x	x	x	x	E	Sodium Bicarbonate	Sat.	✓	✓	✓	✓	
Ethyl Chloride		✓	✓	✓	✓		Sodium Hypochlorite		✓	✓	✓	✓	
Ferric Nitrate	Sat.	✓	✓	✓	✓		Sulphuric Acid	50%	✓	✓	✓	✓	
Ferrous Sulphate		✓	✓	✓	✓		Sulphuric Acid	95%	✓	✓	✓	✓	
Formic Acid	Conc.	x	x	x	x		Tallow		✓	■	✓	■	E
Furfural	100%	x	x	x	x		Turpentine		x	x	x	x	
Gasoline		x	x	■	x	E	Vanilla Extract		✓	✓	✓	✓	E
Glycerine		✓	✓	✓	✓	E	Vinegar		✓	✓	✓	✓	
Glycol		✓	✓	✓	✓	E	Wetting Agents		✓	✓	✓	✓	E
Hydrochloric Acid	Conc.	✓	✓	✓	✓		Whisky		✓	✓	✓	✓	E
Hydrogen Sulphide	Low	✓	✓	✓	✓		Wines		✓	✓	✓	✓	E
Inks		✓	✓	✓	✓	E	Zinc Carbonate	Sat.	✓	✓	✓	✓	
Iodine		■	x	■	x		Zinc Sulphate	Sat.	✓	✓	✓	✓	

KEY:

- ✓ = Satisfactory resistance
- x = Poor resistance, not recommended

- = Variable resistance, depends on use
- E = Possible environmental stress cracking risk