

WESTWOOD TECHNICAL GUIDELINES

CHEMICAL RESISTANCE

Tests conducted at 68°F (20°C) for 60 days. Long-term resistances can only be established on officially tested systems.

✓ UNAFFECTED

✗ AFFECTED

(UNLESS OTHERWISE NOTED, VALID FOR ALL CONCENTRATIONS)

Acetic Acid, conc.	✗	Ethanol, < 50%	✗	Mixture of Hydrochloric Acid with Nitric Acid	✗	Sodium Hydroxide, 10–50%	✗
Acetic Acid, 10%	✓	Ether	✗	Monostyrene	✗	Sodium Hypochlorite	✓
Acetone	✗	Ethyl Acetate	✗	Nickel Chloride	✓	Sodium Nitrate	✓
Amber Acid	✓	Ethyl Glycol Acetate	✗	Nickel Sulfate	✓	Sodium Perborate	✓
Ammonia	✗	Fertilizers	✓	Nitric Acid	✗	Sodium Perchlorate	✓
Ammonium Carbonate	✓	Formaldehyde, 30–40	✗	Octane	✓	Sodium Peroxide	✗
Ammonium Chloride	✓	Formic Acid, < 30%	✓	Oxalic Acid, conc.	✗	Sodium Silicate	✓
Ammonium Perchlorate	✓	Formic Acid, 31–85%	✗	Oxalic Acid, diluted	✓	Sodium Phosphate	✓
Ammonium Phosphate	✓	Gasoline	✓	Ozone	✓	Sodium Sulfate	✓
Ammonium Sulfate	✓	Glucose	✓	Paraffin Oil	✓	Sodium Sulfide	✓
Aniline	✗	Glycerol	✓	Perchloric Acid, < 10%	✓	Potassium Sulfate	✓
Arsenic	✓	Glycol	✓	Perchloric Acid, 20%	✗	Stearic Acid	✓
Barium Chloride	✓	Grease Fat	✓	Petroleum	✓	Sugar	✓
Barium Hydroxide	✓	Grease Oil	✓	Phenol	✗	Sulfuric Acid, 10%	✗
Barium Nitrate	✓	Heating Oil	✓	Phenol, 10%	✗	Sulfuric Acid, 20%	✗
Battery Acid	✓	Hexanone	✗	Phosphoric Acid, conc.	✗	Sulfuric Acid, 25%	✗
Beer	✓	Hydrochloric Acid, conc.	✗	Phosphoric Acid, 10%	✓	Sulfuric Acid, 50%	✗
Benzene	✗	Hydrochloric Acid, 10%	✓	Phosphoric Acid, 50%	✗	Sulfuric Acid, conc.	✗
Benzyl Chloride	✗	Hydrofluoric Acid, 10–14%	✗	Phosphoryl Trichloride	✗	Tetrachloro Ethylene	✗
Borax	✓	Hydrogen (ortho) Borate	✓	Phthalic Acid	✓	Tetra Hydro	✗
Butanoic Acid	✓	Hydrogen Bromide	✓	Propionic Acid	✗	Thioglycolic Acid	✗
Butyl Acetate	✗	Hydrogen Sulfide	✓	Potassium Aluminum Sulfate	✓	Tin Chloride	✓
Butyl Alcohol	✓	Iron Chloride	✓	Potassium Bicarbonate	✓	Toluene	✗
Butyl Aldehyde	✗	Iron Sulfate	✓	Potassium Bromate	✓	Trichloro Ethane	✗
Calcium Chloride	✓	Isanol	✓	Potassium Carbonate	✓	Trichloro Ethylene	✗
Calcium Formate	✓	Kresol	✗	Potassium Chlorate	✓	Trichloro Ethyl Phosphate	✓
Calcium Hydroxide	✓	Lactic Acid, conc.	✓	Potassium Chromium	✓	Trichloro Methane	✗
Calcium Hypochlorite	✓	Lactic Acid, 10%	✓	Potassium Cyanide	✓	Tricresyl Phosphate	✓
Calcium Nitrate	✓	Lead Acetate	✓	Potassium Fluoride	✓	Triethanol Amine	✗
Carbon Sulfide	✗	Linseed Oil	✓	Potassium Iodine	✓	Triethyl Amine	✗
Carbon Tetrachloride	✗	Machine Oil	✓	Potassium Iron Sulfate	✓	Trifluoro-Silicane	✗
Castor Oil	✓	Magnesium Chloride	✓	Potassium Nitrate	✓	Trinitro Phenol	✓
Chlorine (octa) Hydrate	✓	Magnesium Nitrate	✓	Potassium Permanganate	✗	Trisodium Phosphate	✓
Chloro - Benzene	✗	Magnesium Sulfate	✓	Potassium Phosphate	✓	Trixylene Phosphate	✓
Chromic Acid, conc.	✗	Manganese Chloride	✓	Potassium Sulfate	✓	Turnip Oil	✓
Chromic Acid, 10%	✗	Manganese Sulfate	✓	Propyl Alcohol	✓	Turpentine Oil	✓
Citric Acid, conc.	✓	Margarine	✓	Salicylic Acid	✓	Uric Acid	✓
Citric Acid, 10%	✓	M - Digallic Acid	✓	Sea Water	✓	Urine	✓
Cobalt Chloride	✓	Mercury	✓	Silver Nitrate	✓	Vinegar	✓
Cobalt Nitrate	✓	Mercury Chloride	✓	Sodium Acetate	✓	Washing Powder (detergent)	✓
Cocoa Butter Oil	✓	Methyl Acetate	✗	Sodium Bromate	✓	Water, distilled	✓
Copper Chloride	✓	Methyl Alcohol	✗	Sodium Bromide	✓	Water, drinking	✓
Copper Sulfate	✓	Methyl Amine	✗	Sodium Carbonate	✓	Water, ocean	✓
Cyclo Hexanol	✓	Methyl Ethyl Ketone	✗	Sodium Chlorate	✓	Wine	✓
Cyclo Hexanone	✗	Methyl Isotyl Ketone	✗	Sodium Chloride	✓	Xylene	✗
Diesel	✓	Methyl Chloride	✗	Sodium Cyanide	✓	Zinc Chloride	✓
Dibutyl Phthalate	✓	Milk	✓	Sodium Fluoride	✓	Zinc Nitrate	✓
Dimethyl Eniline	✗	Mineral Oil	✓	Sodium Hydrochloride, 10%	✓	Zinc Sulphate	✓
Diethyl Phthalate	✓	Mineral Water	✓	Sodium Hydroxide, conc.	✗		
Ethanol, conc.	✗			Sodium Hydroxide, 10%	✗		