

# PermaTec 4000

## PERMATEC 4000 CHEMICAL RESISTANCE GUIDE

Chemical resistance is based on testing at ambient temperatures in the specific chemical, for elevated temperature exposure, contact your ChemProof Polymers distributor.

### RATING KEY

- 1 = Suitable for constant immersion
- 2 = Suitable for short term containment and frequent spillage
- 3 = Suitable for intermittent spills when followed by prompt wash-down
- NR = Not Recommended
- C = Consult Your ChemProof Polymers Distributor
- \* = This chemical attacks silica. Consult Chemproof Polymers for a silica substitute and special application information.

	Rating		Rating		Rating
Acetic Acid, 0-20%	2	Chromic Acid, 32%	2	Nitric Acid, 10%	1
Acetic Acid, Glacial	NR	Copper Chloride	1	Nitric Acid, 20%	2
Acetone	2	Copper Nitrate	1	Nitric Acid, 30%	3
Acrylamide, 0-50%	1	Copper Sulfate	1	Nitrobenzene	2
Adipic Acid	2	Corn Oil	1	Oils	1
Alum	1	Crude Oil, Sour	1	Oleic Acid	2
Aluminum Bromide	1	Crude Oil, Sweet	1	Oxalic Acid	2
Aluminum Chloride	1	Cyclohexane	1	Perchloroethylene	1
Aluminum Flouride, 25%	1*	Cyclohexanol	2	Perchloric Acid	2
Aluminum Hydroxide	1	Cyclohexanone	2	Phenol, 5%	2
Aluminum Nitrate	1	Diesel Fuel	1	Phosphoric Acid, 50%	1
Aluminum Sodium Chloride	1	Ethyl Acetate	2	Phosphoric Acid, 85%	2
Aluminum Sulfate	1	Ethyl Alcohol	1	Potassium Acetate	1
Ammonia	2	Ethyl Hexanol	1	Potassium Carbonate	1
Ammonium Bisulfite	1	Ethylene Glycol	1	Potassium Chloride	1
Ammonium Chloride	1	Fatty Acids	1	Potassium Dichromate	1
Ammonium Hydroxide	1	Ferric Chloride	1	Potassium Hydroxide	1
Ammonium Nitrate	1	Ferric Nitrate	1	Potassium Nitrate	1
Ammonium Sulfate	1	Ferric Sulfate	1	Propionic Acid	2
Barium Chloride	1	Ferrous Chloride	1	Silver Nitrate	1
Barium Hydroxide, 10%	1	Fluosilicic Acid, 10%	1*	Skydrol	1
Barium Sulfate	1	Formaldehyde, 40%	1	Sodium Acetate	1
Barium Sulfide	1	Formic Acid, 10%	2	Sodium Bicarbonate	1
Barium Sulfite	1	Fuel Oil	1	Sodium Bisulfate	1
Beer	1	Gasoline	1	Sodium Carbonate	1
Benzene	1	Glycerine	1	Sodium Chloride	1
Benzoic Acid	1	Hydrobromic Acid	2	Sodium Cyanide	1
Black Liquor	1	Hydrochloric Acid, 37%	1	Sodium Hydroxide	1
Bleach	C	Hydrofluoric Acid, 0-20%	2*	Sodium Hypochlorite	C
Boric Acid	1	Hydrogen Peroxide	2	Sodium Sulfate	1
Brine	1	Hydrogen Sulfide	1	Sodium Sulfide	1
Butyl Acrylate	2	Isopropyl Alcohol	1	Stannic Chloride	1
n-Butyl Alcohol	1	Jet Fuel	1	Stannous Chloride	1
Butyl Cellosolve Solvent	1	Kerosene	1	Stearic Acid	1
n-Butyric Acid	1	Lactic Acid	2	Styrene	2
Cadmium Chloride	1	Lead Acetate	1	Sugar	1
Calcium Chloride	1	Linseed Oil	1	Sulfuric Acid, 10%	1
Calcium Hydroxide	1	Lithium Chloride	1	Sulfuric Acid, 50%	1
Calcium Hypochlorite	C	Lithium Hydroxide	1	Sulfuric Acid, 75%	1
Calcium Nitrate	1	Magnesium Bisulfite	1	Sulfuric Acid, 98%	3
Calcium Nitrite	1	Magnesium Carbonate	1	Tall Oil	1
Calcium Sulfate	1	Magnesium Chloride	1	Tannic Acid	1
Calcium Sulfite	1	Magnesium Hydroxide	1	Tolulene	1
Carbon Dioxide Gas	1	Magnesium Sulfate	1	1-1-Trichloroethane	1
Carbon Dissulfide	2	Methanol	1	Trisodium Phosphate	1
Carbon Tetrachloride	2	Methyl Ethyl Ketone	2	Urea	1
Chlorine Dioxide	2	Methyl Methacrylate	1	Water, Deionized	1
Chlorine Gas (dry & wet)	2	Mineral Spirits	1	Water, Distilled	1
Chlorine Water	1	Naptha	1	Xylene	1
Chlorobenzene	1	Napthalene	1	Zinc Chloride	1
Chlorobutane	1	Nickel Chloride	1	Zinc Sulfate	1
Chromic Acid, 15%	1	Nickel Nitrate	1		



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