

CHEMICAL RESISTANCE GUIDE

ElectroFin[®] polymeric e-coat is chemically resistant to the following chemicals at **AMBIENT** temperatures. ElectroFin is not intended for liquid to liquid (immersion) applications. Elevated temperatures can have an adverse effect on the corrosion durability of ElectroFin, depending on the specific environment. This table is to be used as a GUIDE for general reference. For specific corrosion resistance durability, please contact AST ElectroFin for technical assistance.

Acetone	Fructose	Ozone
Acetic Acid	Gasoline	Perchloric Acid
Acetates (ALL)	Glucose	Phenol 85%
Amines (ALL)	Glycol	Phosgene
Ammonia	Glycol Ether	Phenolphthalein
Ammonium Hydroxide	Hydrochloric Acid <10%	Phosphoric Acid
Amino Acids	Hydrofluoric Acid (NR)	Potassium Chloride
Benzene	Hydrogen Peroxide 5%	Potassium Hydroxide
Borax	Hydrogen Sulfide	Propyl Alcohol
Boric Acid	Hydrazine	Propylene Glycol
Butyl Alcohol	Hydroxylamine	Salicylic Acid
Butyl Cellosolve	Iodine	Salt Water
Butyric Acid	Isobutyl Alcohol	Sodium Bisulfite
Calcium Chloride	Isopropyl Alcohol	Sodium Chloride
Calcium Hypochlorite	Kerosene	Sodium Hypochlorite 5%
Carbon Tetrachloride	Lactic Acid	Sodium Hydroxide <10%
Cetyl Alcohol	Lactose	Sodium Hydroxide >10% (NR)
Chlorides (ALL)	Lauryl Acid	Sodium Sulfate
Chlorine Gas	Magnesium	Stearic Acid
Chromic Acid (NR)	Maleic Acid	Sucrose
Citric Acid	Menthol	Sulfuric Acid 25-28%
Creosol	Methanol	Sulfates (ALL)
Diesel Fuel	Methylene Chloride	Sulfides (ALL)
Diethanolamine	Methyl Ethyl Ketone	Sulfites (ALL)
Ethyl Acetate	Methyl Isobutyl Ketone	Starch
Ethyl Alcohol	Mustard Gas	Toluene
Ethyl Ether	Naphthol	Triethanolamine
Fatty Acid	Nitric Acid (NR)	Urea
Fluorine Gas	Oleic Acid	Vinegar
Formaldehyde 27%	Oxalic Acid	Xylene

NR = Not Recommended