

IMPREG-TITE® Graphite Corrosion Resistance Guide

A = Excellent

B = Reasonable Resistance

L = Limited Resistance

S = Special Furan Resin

NR = NOT RECOMMENDED

Corrosive Solution	Conc.%	Temp. F	Resistance	Corrosive Solution	Conc.%	Temp. F	Resistance
Acetic Acid	All	Boiling	A	Nickel Chloride	All	340	A
Alum	All	340	A	Nickel Sulfate	All	340	A
Aluminum Chloride	All	340	A	Nitric Acid	0-10	185	B
Aluminum Nitrate	All	340	A	Nitric Acid	10-20	140	B
Aluminum Sulfate	All	340	A	Nitric Acid	>20		L
Ammonium Acetate	All	340	A	Oleic Acid	All	Boiling	A
Ammonium Chloride	All	340	A	Oxalic Acid	All	Boiling	A
Ammonium Hydroxide	All	Boiling	S	Phosphoric Acid	0-85	Boiling	A
Ammonium Nitrate	All	340	A	Photographic Solutions	All	340	A
Ammonium Phosphate	All	340	A	Plating Solution: Brass	All	Boiling	A
Ammonium Sulfate	All	340	A	Plating Solution: Cadmium	All	Boiling	A
Ammonium Sulfide	All	340	A	Plating Solution: Chromium	All		NR
Amyl Alcohol	All	340	A	Plating Solution: Copper	All	Boiling	A
Aniline	All	340	A	Plating Solution: Gold	All	Boiling	A
Aniline Hydrochloride	0-60	Boiling	A	Plating Solution: Nickel	All	Boiling	A
Arsenic Acid	All	340	A	Plating Solution: Silver	All	Boiling	A
Benzene	All	Boiling	A	Plating Solution: Tin	All	Boiling	A
Benzoic Acid	All	340	A	Plating Solution: Zinc	All	Boiling	A
Boric Acid	All	Boiling	A	Potassium Bicarbonate	All	340	A
Butane	All	340	A	Potassium Borate	All	340	A
Butyl Acetate	All	340	A	Potassium Bromate	All	340	A
Butyl Alcohol	All	340	A	Potassium Bromide	All	340	A
Calcium Bisulfide	All	340	A	Potassium Carbonate	All	340	A
Calcium Carbonate	All	340	A	Potassium Chloride	All	340	A
Calcium Chloride	All	340	A	Potassium Cyanide	All	340	A
Calcium Hypochlorite	All	90	A	Potassium Dichromate	All	340	A
Calcium Nitrate	All	340	A	Potassium Fluoride	All	340	A
Calcium Sulfate	All	340	A	Potassium Hydroxide	All	340	S
Carbon Tetrachloride	All	Boiling	A	Potassium Hypochlorite	All		L
Carbonic Acid	All	Boiling	A	Potassium Nitrate	All	340	A
Castor Oil	All	340	A	Potassium Sulfate	All	340	A
Chromic Acid	All	70	NR	Sodium Bicarbonate	All	340	A
Citric Acid	All	Boiling	A	Sodium Chlorate	All		L
Copper Chloride	All	340	A	Sodium Chloride	All	Boiling	A
Copper Cyanide	All	340	A	Sodium Chlorite	0-4	70	A
Copper Sulfate	All	340	A	Sodium Cyanide	All	340	A
Cottonseed Oil	All	340	A	Sodium Dichromate	All	340	A
Ethyl Alcohol	All	Boiling	A	Sodium Fluoride	All	340	A
Ethylene Glycol	All	340	A	Sodium Hydroxide	6-67	Boiling	S
Ferric Chloride	All	Boiling	A	Sodium Hypochlorite	All		L
Ferric Nitrate	All	340	A	Sodium Nitrate	All	340	A
Ferric Sulfate	All	340	A	Sodium Phosphate	All	340	A
Ferrous Chloride	All	Boiling	A	Sodium Sulfate	All	340	A
Ferrous Sulfate	All	Boiling	A	Sodium Sulfite	All	340	A
Formaldehyde	All	340	A	Stannic Chloride	All	Boiling	A
Formic Acid	All	Boiling	A	Sulfuric Acid	0-70	Boiling	A
Gasoline	All	340	A	Sulfuric Acid	70-85	340	B
Glycerine	All	340	A	Sulfuric Acid	85-90	300	B
Hydrobromic Acid	All	Boiling	A	Sulfuric Acid	90-93	185	B
Hydrochloric Acid	All	Boiling	A	Sulfuric Acid	93-96	70	B
Hydrofluoric Acid	0-48	Boiling	A	Sulfuric Acid	96+		NR
Hydrofluosilicic Acid	2-25	Boiling	A	Sulfurous Acid	All	70	A
Hydrogen Peroxide	All	340	A	Tannic Acid	All	340	A
Hydrogen Chloride	All	340	A	Triethanolamine	All	340	A
Kerosene	All	340	A	Trisodium Phosphate	All	340	A
Lactic Acid	All	Boiling	A	Turpentine	All	340	A
Linseed Oil	All	340	A	Water - DI	All	Boiling	A
Magnesium Hydroxide	All	340	A	Water - Salt	All	Boiling	A
Magnesium Sulfate	All	340	A	Zinc Ammonium Chloride	All	Boiling	A
Maleic Acid	All	340	A	Zinc Chloride	All	Boiling	A
Methyl Alcohol	All	Boiling	A	Zinc Sulfate	All	Boiling	A