

# PROFLEX

## chemical resistance chart

■ = EXTREMELY RESISTANT

○ = NOT RECOMMENDED

◆ = NO DATA AVAILABLE

CHEMICAL	VINYL	NEOPRENE	HYPALON	SILICONE	TEFLON®	CHEMICAL	VINYL	NEOPRENE	HYPALON	SILICONE	TEFLON®
Acetic Acid	○	■	■	○	■	Hydrofluoric Acid (100%)	■	■	■	○	■
Aluminum Chloride	■	■	■	■	■	Hydrogen Peroxide	■	○	■	■	■
Aluminum Sulfate	■	■	■	■	■	Hydrogen Sulfide	■	■	■	◆	■
Ammonia (Anhyd)	■	■	■	■	■	Lactic Acid	○	■	■	◆	■
Ammonium Hydroxide	■	■	■	■	■	Linseed Oil	○	■	■	■	■
Ammonium Sulfate	■	■	■	■	■	Magnesium Chloride	■	■	■	○	■
Barium Sulfide	■	■	■	◆	■	Maleic Acid	■	○	■	■	■
Black Sulfate Liquor	■	■	■	○	■	Methyl Alcohol	○	■	■	○	■
Boric Acid	■	■	■	■	■	Methyl Cellosolve	○	■	■	○	■
Butyl Alcohol	○	■	■	○	■	Mineral Oil	■	■	■	○	■
Cadmium Plating Solution	■	○	○	◆	■	Naptha	■	○	○	○	■
Calcium Chloride	■	■	■	■	■	Nickel Chloride	■	■	■	◆	■
Calcium Hypochlorite	■	○	■	◆	■	Nickel Sulfate	■	■	■	■	■
Chlorine Water	■	○	○	○	■	Nitric Acid (40%)	■	○	○	○	■
Chromic Acid	■	○	■	◆	■	Oleic Acid	■	○	○	○	■
Chromium Plating Solution	■	○	○	◆	■	Oleum	○	○	■	◆	■
Citric Acid	■	■	■	■	■	Oxalic Acid	■	■	■	■	■
Copper Chloride	■	■	■	◆	■	Phosphoric Acid (88%)	■	■	■	■	■
Copper Sulfate	■	■	■	◆	■	Pickling Solution	■	○	■	◆	■
Cottonseed Oil	■	■	■	■	■	Potassium Chloride	■	■	■	◆	■
Diacetone Alcohol	○	■	■	◆	■	Potassium Cyanide	■	■	■	◆	■
Disodium Phosphate	■	○	○	◆	■	Potassium Dichromate	■	■	■	◆	■
Ethyl Alcohol	■	■	■	○	■	Potassium Hydroxide (40%)	■	■	■	■	■
Ethylene Glycol	○	■	■	■	■	Potassium Sulfate	■	■	■	◆	■
Ferric Chloride	○	■	■	■	■	Propyl Alcohol	○	■	■	○	■
Ferric Sulfate	■	■	■	■	■	Sodium Chloride	■	■	■	■	■
Fluoroboric Acid	■	■	■	◆	■	Sodium Hydroxide (40%)	■	■	■	■	■
Formaldehyde (40%)	■	■	■	◆	■	Sodium Hypochlorite	○	○	■	○	■
Formic Acid	■	■	■	◆	■	Steam	○	■	○	◆	■
Glucose	■	■	■	■	■	Sulfur Dioxide (Liquid)	○	■	■	■	■
Glycerin	■	■	■	■	■	Sulfuric Acid (60%)	■	○	■	○	■
Heptane	○	■	■	◆	■	Sulfuric Acid (over 60%)	○	○	■	○	■
Hexane	○	■	■	◆	■	Tannic Acid	■	■	■	◆	■
Hydrobromic Acid (40%)	■	○	○	◆	■	Vinegar	■	■	■	■	■
Hydrochloric Acid (conc)	■	○	○	○	■						

\* This Chemical Resistance Chart is a guide based on generally available sources. The resistance can be affected by many variables: temperature, concentration, intermittency, etc.

Use this chart as a general guide, not as a guarantee of chemical compatibility. It is always best to pre-test for the specific application.

\* Ratings are based on room temperature and concentrations of 4% or less chemical in the air stream.

\* For chemicals not listed, consult Ductmate.

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