

## Chemical Resistance

Flexi-Liners™ are made of various materials and may contain many different chemicals. Exact performance depends upon various conditions (see [Technical Specifications](#)) or call us at Flexi-Liner to discuss which material will give you the most satisfactory corrosion protection.

The list is intended to be used as a guide only. The information contained is based on more than 40 years of experience and continuous research into new and better polymer materials.

### **Flexi-Liners can successfully contain solutions of the chemicals listed below:**

#### Inorganic Acid, Salt, and Alkaline Solutions

Alum (all types).....	Any Concentration
Aluminium chloride.....	Any Concentration
Aluminum sulphate.....	Any Concentration
Alummonium chloride	Any Concentration
Alummonium hydroxide	* up to 70%
Ammonium nitrate	* up to 80%
Ammonium phosphate	Any Concentration
Ammonium sulphate	Any Concentration
Barium sulphide	Any Concentration
"Black liquor"	Any Concentration
Bleach	Any Concentration
Calcium salts	Any Concentration
Calcium hypochloride	Any Concentration
Calcium chlorate	Any Concentration
Chromic acid	* up to 50%
Caustic soda	* up to 50%
Cooper cyanide	Any Concentration
Cooper sulphate	Any Concentration
Ferric salts	Any Concentration
Fluoboric acid	Any Concentration
Fluosilicic acid	Any Concentration
Hydrofluoric acid	* up to 60%
Hydrochloric acid	* up to 30%
Hydrocyanic acid	Any Concentration
Hydrogen peroxide	* up to 30%
Mixed acids	* depends on acid
Muriatic acid	* up to 31%
Nickel salts	Any Concentration
Nitric acid	* up to 40%
Potassium salts	Any Concentration
Papermill liquors	Any Concentration
Perchloric acid	* up to 70%
Phosphoric acid	* up to 75%
Sulphuric acid	* up to 70%
Silicic acid	* up to 80%

Sodium salts	Any Concentration
Sodium cyanide	Any Concentration
Sodium hypochloride	Any Concentration
Water, potable	Any Concentration
Water, waste	Any Concentration
Water, oil	Any Concentration
"White liquor"	Any Concentration
Zinc sulphate	Any Concentration

#### Organic Chemicals

Acetic acid	Any Concentration
Alcohol, methyl	Any Concentration
Alcohol, ethyl	Any Concentration
Alcohol, propyl	Any Concentration
Alcohol, amyl	Any Concentration
Castor oil	Any Concentration
Citric acid	Any Concentration
Diethylene amine	Any Concentration
Diethylene glycol	Any Concentration
Ethylene glycol	Any Concentration
Fatty acid	Any Concentration
Formaldehyde	up to 50%
Formic acid	Any Concentration
Gallic acid	Any Concentration
Glycerine	Any Concentration
Lactic acid	Any Concentration
Mineral oils	consult your rep.
Oleic acid	Any Concentration
Oxalic acid	Any Concentration
Phenol	up to 50%
Stearic acid	Any Concentration
Sugar solution	Any Concentration
Tannic acid	Any Concentration
Tartaric acid	Any Concentration
Triethylene amine	Any Concentration
Vegetable oil	Any Concentration
Vinegar	Any Concentration