

RESISTANCE CHART

ER 1000

Good = A

Poor = B

Not Compatible = C

() = estimated value

Liner Type/Composition	ER 1000
WATER/SALT SOLUTIONS	
Water	A
2% Potassium Chloride brine solution	A
10% Potassium Chloride brine solution	A
Seawater	A
10% Sodium Chloride brine solution	A
25% Sodium Chloride brine solution	A
38% Calcium Chloride brine solution	A
ORGANIC ACIDS/ANHYDRIDES	
50% Citric Acid solution	A
10% Acetic Acid solution	(B)
Glacial Acetic Acid	(C)
Acetic Anhydride	(C)
60/40 Acetic Acid/Acetic Anhydride	(C)
Acrylic Acid	(C)
MINERAL ACIDS	
32% Hydrochloric Acid	C
20% Hydrochloric Acid	(C)
15% Hydrochloric Acid	(B)
Hydrochloric Acid/Acetic Acid blends	(C)
ALKALIS	
50% Sodium Hydroxide solution	A
50% Potassium Hydroxide solution	A
50% Ammonium Hydroxide solution	A
50% Potassium Carbonate solution	A
KOH and Pot carb blends	A
OXIDIZERS	
Hydrogen peroxide	A
Sodium hypochlorite	A
Calcium hypochlorite	(A)

Liner Type/Composition	ER 1000
ALCOHOLS/OTHER ORGANICS	
100% Methanol	A
100% Ethanol	A
100% Isopropanol	A
100% Butanol	A
Alcohol blends	A
Ethoxylated C12+ alcohols	(A)
Acetylenic alcohols (i.e., propargyl alcohol)	(A)
100% Triethanolamine	(B)
100% Diethanolamine	(B)
100% Monoethanolamine	(B)
70% Tetramethyl ammonium chloride (quat)	(A)
50% Tetramethyl ammonium chloride (quat)	(A)
100% Glycerin	A
100% Ethylene glycol	A
100% Diethylene glycol	A
100% Ethylene glycol monobutyl ether	(B)
Fuels & Oils	
Gasoline	B
Kerosene	A
Diesel	A
Xylene	(C)
Toluene	C
Heavy Aromatic Naphtha (HAN)	(A)
Mineral oil	A
Motor oil	A
Hydrogenated Mineral oil, Flash > 175F	(A)
Palm oil	(A)
d-Limonene	(A)
OXYGEN SCAVENGERS	
Sodium thiosulfate	(A)