



Elvaloy-Coated Polyester (ECP) Chemical Compatibility Guide

Chemical Resistance Rating System

Excellent	A
Good – minor effect, slight corrosion	B
Severe – not recommended	C
No Data – likely acceptable	T
No Data – not likely acceptable	X

DISCLAIMER: This report is offered as a guide and was developed from information which, to the best of our knowledge, is reliable and accurate. Due to variables and conditions of application beyond our control, none of the data shown in this guide is to be construed as a guarantee, expressed, or implied. We assume no responsibility, obligation, or liability in conjunction with the use or misuse of this information.

Chemical Resistance Ratings

AFFF	A
Acetic Acid (5%)	B
Acetic Acid (50%)	C
Ammonium Phosphate	T
Ammonium Sulfate	T
Antifreeze (ethylene glycol)	A
Animal Oil	A
Aqua Regia	X
ASTM Fuel A (100% iso-octane)	A
ASTM Oil #2 (Flash Point 240 C)	A
ASTM Oil #3	A
Benzene	X
Calcium Chloride Solutions	T
Calcium Hydroxide	T
20% Chlorine Solution	A
Clorox	A
Concentrated Ammonium Hydroxide	A
Corn Oil	A
Crude Oil	A
Diesel Fuel	A
Ethanol	A
Ethyl Acetate	C
Ethyl Alcohol	A
Fertilizer Solution	A
#2 Fuel Oil	A

#6 Fuel Oil	A
Furfural	X
Gasoline	B
Glycerin	A
Hydraulic Fluid – Petroleum-based	A
Hydraulic Fluid – Phosphate Ester-based	C
Hydrocarbon Type II (40% Aromatic)	C
Hydrochloric Acid (50%)	A
Hydrofluoric Acid (5%)	A
Hydrofluoric Acid (50%)	A
Hydrofluosilicic Acid (30%)	A
Isopropyl Alcohol	T
Ivory Soap	A
Jet A	A
JP-4 Jet Fuel	A
JP-5 Jet Fuel	A
Kerosene	A
Magnesium Chloride	T
Magnesium Hydroxide	T
Methanol	A
Methyl Alcohol	A
Methyl Ethyl Ketone	X
Mineral Spirits	A
Naphtha	A
Nitric Acid (5%)	B
Nitric Acid (50%)	C
Perchloroethylene	C
Phenol	X
Phenol Formaldehyde	B
Phosphoric Acid (50%)	A
Phosphoric Acid (100%)	C
Phthalate Plasticizer	C
Potassium Chloride	T
Potassium Sulfate	T
Raw Linseed Oil	A
SAE-30W Oil	A
Salt Water (25%)	B
Seawater	A
Sodium Acetate Solutions	T
Sodium Bisulfite Solution	T
Sodium Hydroxide (60%)	A
Sodium Phosphate	T
Sulfuric Acid (50%)	A
Tanic Acid (50%)	A
Toluene	C
Transformer Oil	A

Turpentine	A
Urea Formaldehyde	A
UAN	A
Vegetable Oil	A
Water (200 degrees F)	A
Xylene	X
Zinc Chloride	T