



Chemical Resistance Chart

A thru F

		E = Excellent	G = Good	F = Fair	N = Not Recommended		
CHEMICALS		FEP	PFA	PTFE	CHEMICALS		
Acetaldehyde		E / E	E / E	E / E	Chlorine, 10% in Air		
Acetamide, Sat.		E / E	E / E	E / E	Chlorine, 10% (Moist)		
Acetic Acid, 5%		E / E	E / E	E / E	Chloroacetic Acid		
Acetic Acid, 50%		E / E	E / E	E / E	p-Chloroacetophenone		
Acetone		E / E	E / E	E / E	Chloroform		
Acetonitrile		E / E	E / E	E / E	Chromic Acid, 10%		
Acrylonitrile		E / E	E / E	E / E	Chromic Acid, 50%		
Adipic Acid		E / E	E / E	E / E	Cinnamon Oil		
Alanine		E / E	E / E	E / E	Citric Acid, 10%		
Allyl Alcohol		E / E	E / E	E / E	Cresol		
Aluminum Hydroxide		E / E	E / E	E / E	Cyclohexane		
Aluminum Salts		E / E	E / E	E / E	Decalin		
Amino Acids		E / E	E / E	E / E	o-Dichlorobenzene		
Ammonia		E / E	E / E	E / E	p-Dichlorobenzene		
Ammonium Acetate, Sat.		E / E	E / E	E / E	Diethyl Benzene		
Ammonium Glycolate		E / E	E / E	E / E	Diethyl Ether		
Ammonium Hydroxide, 5%		E / E	E / E	E / E	Diethyl Ketone		
Ammonium, Hydroxide, 30%		E / E	E / E	E / E	Diethyl Malonate		
Ammonium Oxalate		E / E	E / E	E / E	Diethylene Glycol		
Ammonium Salts		E / E	E / E	E / E	Diethylene Glycol Ethyl Ether		
n-Amyl Acetate		E / E	E / E	E / E	Dimethyl Formamide		
Amyl Chloride		E / E	E / E	E / E	Dimethylsulfoxide		
Aniline		E / E	E / E	E / E	1,4-Dioxane		
Benzaldehyde		E / E	E / E	E / E	Dipropylene Glycol		
Benzene		E / E	E / E	E / E	Ether		
Benzoic Acid, Sat.		E / E	E / E	E / E	Ethyl Acetate		
Benzyl Acetate		E / E	E / E	E / E	Ethyl Alcohol (absolute)		
Benzyl Alcohol		E / E	E / E	E / E	Ethyl Alcohol, 40%		
Bromine		E / E	E / E	E / E	Ethyl Benzene		
Bromobenzene		E / E	E / E	E / E	Ethyl Benzoate		
Bromoform		E / E	E / E	E / E	Ethyl Butyrate		
Butadiene		E / E	E / E	E / E	Ethyl Chloride		
n-Butyl Acetate		E / E	E / E	E / E	Ethyl Cyanoacetate		
n-Butyl Alcohol		E / E	E / E	E / E	Ethyl Lactate		
sec-Butyl Alcohol		E / E	E / E	E / E	Ethylene Chloride, Liquid		
tert-Butyl Alcohol		E / E	E / E	E / E	Ethylene Glycol		
Butyric Acid		E / E	E / E	E / E	Ethylene Glycol Methyl Ether		
Calcium Hydroxide, Conc.		E / E	E / E	E / E	Ethylene Oxide		
Calcium Hypochlorite, Sat.		E / E	E / E	E / E	Fluorides		
		E / G	E / G	E / G	Fluorine		
Carbazole		E / E	E / E	E / E	Formaldehyde, 10%		
Carbon Disulfide		E / E	E / E	E / E	Formaldehyde, 40%		
Carbon Tetrachloride		E / E	E / E	E / E	Formic Acid, 3%		
Cedarwood Oil		E / E	E / E	E / E	Formic Acid, 50%		
Cellosolve Acetate		E / E	E / E	E / E	Formic Acid, 98-100%		
CHEMICALS		FEP	PFA	PTFE	CHEMICALS		

E = Excellent G = Good F = Fair N = Not Recommended

This chart is intended to be used as a general guide only. Since each pair of ratings listed is for ideal conditions, all factors affecting chemical resistance must be considered. The First letter of each pair applies to conditions of 68 F, the second letter applies to conditions of 122 F.



Chemical Resistance Chart

G thru Z

E = Excellent		G = Good		F = Fair		N = Not Recommended	
CHEMICALS	FEP	PFA	PTFE	CHEMICALS	FEP	PFA	PTFE
Gasoline	E / E	E / E	E / E	Resorcinol, Sat.			
Glacial Acetic Acid	E / E	E / E	E / E	Resorcinol, 5%			
Glycerin	E / E	E / E	E / E	Salicylaldehyde			
n-Heptane	E / E	E / E	E / E	Salicylic Acid, Powder			
Hexane	E / E	E / E	E / E	Salicylic Acid, Sat.			
Hydrochloric Acid, 1-5%	E / E	E / E	E / E	Salt Solutions, Metallic			
Hydrochloric Acid, 20%	E / E	E / E	E / E	Silver Acetate			
Hydrochloric Acid, 35%	E / E	E / E	E / E	Silver Nitrate			
Hydrofluoric Acid, 4%	E / E	E / E	E / E	Sodium Acetate, Sat.			
Hydrofluoric Acid, 48%	E / E	E / E	E / E	Sodium Hydroxide, 1%			
Hydrogen Peroxide, 3%	E / E	E / E	E / E	Sodium Hydroxide, 50% to Sat.			
Hydrogen Peroxide, 30%	E / E	E / E	E / E	Sodium Hypochlorite, 15%			
Hydrogen Peroxide, 90%	E / E	E / E	E / E	Stearic Acid, Crystals			
Isobutyl Alcohol	E / E	E / E	E / E	Sulfuric Acid, 1-6%			
Isopropyl Acetate	E / E	E / E	E / E	Sulfuric Acid, 20%			
Isopropyl Alcohol	E / E	E / E	E / E	Sulfuric Acid, 60%			
Isopropyl Benzene	E / E	E / E	E / E	Sulfuric Acid, 98%			
Kerosene	E / E	E / E	E / E	Sulfuric Dioxide, Liq., 46psi			
Lactic Acid, 3%	E / E	E / E	E / E	Sulfuric Dioxide, wet or dry			
Lactic Acid, 85%	E / E	E / E	E / E	Sulfur Salts			
Methoxyethyl Oleate	E / E	E / E	E / E	Tartaric Acid			
Methyl Alcohol	E / E	E / E	E / E	Tetrahydrofuran			
Methyl Ethyl Ketone	E / E	E / E	E / E	Thionyl Chloride			
Methyl Isobutyl Ketone	E / E	E / E	E / E	Toluene			
Methyl Propyl Ketone	E / E	E / E	E / E	Tributyl Citrate			
Methylene Chloride	E / E	E / E	E / E	Trichloroethane			
Mineral Oil	E / E	E / E	E / E	Trichloroethylene			
Nitric Acid, 1-10%	E / E	E / E	E / E	Triethylene Glycol			
Nitric Acid, 50%	E / E	E / E	E / E	Tripropylene Glycol			
Nitric Acid, 70%	E / E	E / E	E / E	Turpentine			
Nitrobenzene	E / E	E / E	E / E	Undecyl Alcohol			
n-Octane	E / E	E / E	E / E	Urea			
Orange Oil	E / E	E / E	E / E	Vinylidene Chloride			
Ozone	E / E	E / E	E / E	Xylene			
Perchloric Acid	G / F	G / F	G / F				
Perchloroethylene	E / E	E / E	E / E	Zinc Stearate			
Phenol, Crystals	E / E	E / E	E / E				
Phosphoric Acid, 1-5%	E / E	E / E	E / E				
Phosphoric Acid, 85%	E / E	E / E	E / E				
Pine Oil	E / E	E / E	E / E				
Potassium Hydroxide, 1%	E / E	E / E	E / E				
Potassium Hydroxide, Conc.	E / E	E / E	E / E				
Propane Gas	E / E	E / E	E / E				
Propylene Glycol	E / E	E / E	E / E				
Propylene Oxide	E / E	E / E	E / E				
CHEMICALS	FEP	PFA	PTFE	CHEMICALS	FEP	PFA	PTFE
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