

Chemical Compatibility Chart For CA / PES Membrane

Key: R= Recommended, N= Not Recommended , T= Test, L= Limited Resistance (Testing before use is recommended)						
			ACIDS			
Chemical	CA	PES	Chemical	CA	PES	
Acetone	N	N	Acetic Acid,5%	R	R	
Acetonitrile	N	R	Acetic Acid,10%	N	R	
Amyl Acetate	L	L	Acetic Acid,Glacial	N	R	
Aniline	N	R	Boric Acid	R	T	
Benzene	L	R	Hydrochloric, 6N	L	R	
Bromoform	N	T	Hydrofluoric, 10%	N	R	
Butyl Acetate	L	L	Nitric Acid, 6N	L	N	
Carbon Tetrachloride	L	R	Nitric Acid, Conc.	L	N	
Cellosolve	R	T	Sulfuric Acid, 6N	L	T	
Chloroform	N	N	Sulfuric Acid, Conc.	N	N	
Cyclohexane	R	T	BASES			
Cyclohexanone	N	N	Chemical	CA	PES	
Diethyl Acetamide	N	T	Ammonium Hydroxide, 6N	N	R	
Dimethyl Formamide	N	N	Potassium Hydroxide, 6N	N	T	
Dimethyl Sulfoxide(DMSO)	N	N	Sodium Hydroxide, 6N	N	R	
Dioxane	N	L	MISC.			
Ethyl Ether	L	R	Chemical	CA	PES	
Ethylene Dichloride	L	T	Hydrogen Peroxide(30%)	N	T	
Formaldehyde	L	R	Kodak KMER, FTFR	N	T	
Freon TF	R	R	Peanut Oil	R	L	
Gasoline	R	T	Petroleum Oils	T	L	
Hexane	R	T	Sesame oil	R	T	
Isopropyl Acetate	N	T	Shipley(AS-111, 340, 1350)	N	T	
Kerosene	R	T	Silicone Oils	R	R	
Methyl Acetate	N	T	ALCOHOLS			
Methyl Ethyl Ketone(MEK)	N	N	Chemical	CA	PES	
Methyl Isobutyl Ketone	N	T	Amyl Alcohol	R	N	
Methylene Chloride	N	N	Benzyl Alcohol	L	N	
Nitrobenzene	N	N	Butyl Alcohol	R	R	
Pentane	R	R	Ethyl Alcohol <80%	L	T	
Perchloroethylene	R	N	Ethyl Alcohol >80%	R	R	
Pyridine	N	N	Ethylene Glycol	R	R	
Tetrahydrofuran	N	N	Glycerine(Glycerol)	R	R	
Toluene	L	N	Isobutyl Alcohol	R	T	
Trichloroethane	L	R	Isopropanol	R	R	
Trichloroethylene	R	R	Methanol	R	R	
Triethylamine	R	T	Methyl Cellosolve	L	T	
Xylene	R	L	Propanol	R	T	