

dispos-a-filter™ Filter Capsule Chemical Compatibility

The chemical compatibility data listed below is a compilation of component manufacturers data. It is intended to provide expected results when the materials are exposed to the chemical under static conditions for 48 hours at 25° C (77° F). This chart is intended for use as a guide only. Users should verify chemical compatibility based upon experimentation with a specific filter under actual use conditions.

<u>ACIDS</u>		<u>ETHERS</u>		<u>KETONES</u>	
Acetic Acid, Glacial	LR	Ethyl Ether	R	Acetone	NR
Acetic Acid, 90%	LR	Isopropyl Ether	R	Cyclohexanone	NR
Acetic Acid, 30%	R	Dioxane	NR	Methyl Ethyl Ketone	NR
Acetic Acid, 10%	R	Tetrahydrofuran	NR	Methyl Isobutyl Ketone	R
Hydrochloric Acid, Conc.	NR				
Hydrochloric Acid, 6N	NR	<u>GLYCOLS</u>		<u>OILS</u>	
Nitric Acid, Conc.	NR	Ethylene Glycol	R	Cottonseed Oil	R
Nitric Acid, 6N	NR	Glycerine	R	Lubrication Oil	
Sulfuric Acid, Conc.	NR	Propylene Glycol	R	MIL-L-7803	R
Sulfuric Acid, 6N	NR			MIL-H-5606	R
		<u>AROMATIC HYDROCARBONS</u>		Peanut Oil	R
<u>ALCOHOLS</u>		Benzene	R	Sesame Oil	R
Amyl Alcohol	R	Toluene	R	Skydrol 500	R
Benzyl Alcohol	R	Xylene	R		
Butanol	R			<u>PHOTORESISTS</u>	
Ethanol	R	<u>HALOGENATED HYDROCARBONS</u>		Shibley: AZ-111, AZ-119	
Isopropanol	R	Carbon Tetrachloride	R	AZ-340, AZ- 1350	R
Methanol	R	Chloroform	LR	Waycoat: LSI-195, LSI-295	
Propanol	R	Chlorothene NU	R	LSI-395	R
		Ethylene Dichloride	LR	Kodak: KTFR, KMER,	
<u>BASES</u>		Dowclene WR	R	Microresist 752	R
Ammonium Hydroxide, 3N	R	Freon TF	R	Microresist 747	R
Ammonium Hydroxide, 6N	R	Freon TMC	NR		
Potassium Hydroxide, 3N	R	Genosolv D	R	<u>MISCELLANEOUS</u>	
Sodium Hydroxide, 3N	R	Methylene Chloride	NR	Aniline	NR
Sodium Hydroxide, 6N	R	Perchloroethylene	R	Dimethyl Formamide	NR
		Trichloroethylene	R	Dimethyl Sulfoxide	NR
<u>ESTERS</u>				Formaldehyde, 37%	R
Amyl Acetate	R			Formaldehyde, 4%	R
Butyl Acetate	R			Gasoline	R
Cellosolve Acetate	R			Hexane, Dry	R
Ethyl Acetate	R			JP-4	R
Isopropyl Acetate	R			Kerosene	R
Methyl Acetate	NR			Phenol, Liquified	NR
				Pyridine	NR
				Turpentine	R
				Water	R

R = Resistant: No significant change was observed in the flow rate or bubble point.
LR = Limited Resistance: Moderate changes in physical properties or dimensions of the membrane were observed.
NR = Not Resistant: The membrane was basically unstable.

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