

Chemical Compatibility Chart for General Laboratory Filtration Products

Key: R = Recommended L = Limited Resistance (testing before use is recommended) N = Not Recommended T = Test		Silber	Cellulose Acetate	Glass Fiber	Nitrocellulose (MCE)	Nylon	Polycarbonate (PCTE)	Polyethersulfone (PES)	Polyester (PETE)	Polypropylene	PTFE (Laminated)	PTFE (Unlaminated)	Type 316 Stainless Steel
	Chemical	AG	CA	GF	MCE	NY	PCT	PES	PET	PP	PTL	PTU	SS
Acids	Acetic Acid, 5%	R	R	R	R	R	R	R	R	R	R	R	-
	Acetic Acid, 10%	R	N	R	N	L	R	R	R	R	R	R	L
	Acetic Acid, Glacial	R	N	R	N	N	L	R	R	R	R	R	L
	Boric Acid	R	R	R	R	L	R	T	R	R	R	R	-
	Hydrochloric, 6N	R	L	R	N	N	R	R	L	R	R	R	R
	Hydrochloric, Conc.	R	N	R	N	N	R	R	N	R	R	R	L
	Hydrofluoric, 10%	R	N	T	N	N	R	T	R	R	R	R	-
	Hydrofluoric, 35%	R	N	N	N	N	R	T	R	R	T	R	-
	Nitric Acid, 6N	N	L	R	R	N	R	N	R	R	L	R	R
	Nitric Acid, Conc	N	N	R	N	N	R	N	N	R	N	R	L
Sulfuric Acid, 6N	N	L	L	R	N	R	T	R	R	L	R	L	
Sulfuric Acid, Conc.	N	N	R	N	N	N	N	N	R	N	R	N	
Alcohols	Amyl Alcohol	R	R	R	N	R	R	N	R	R	R	R	R
	Benzyl Alcohol	R	L	R	R	L	L	N	R	R	R	R	R
	Butyl Alcohol	R	R	R	R	R	R	R	R	R	R	R	-
	Butyl Cellosolve	R	L	R	N	R	L	T	R	T	R	R	-
	Ethyl Alcohol <80%	R	R	R	R	R	R	R	R	R	R	R	-
	Ethyl Alcohol >80%	R	R	R	L	R	R	R	R	R	R	R	-
	Ethylene Glycol	R	R	R	L	R	R	R	R	R	R	R	R
	Glycerin (Glycerol)	R	R	R	R	R	R	R	R	R	R	R	R
	Isobutyl Alcohol	R	R	R	R	R	R	T	R	R	R	R	-
	Isopropanol	R	R	R	L	R	R	R	R	R	R	R	R
	Methanol	R	R	R	N	L	R	R	R	R	R	R	R
Methyl Cellosolve	R	L	N	L	R	N	T	R	R	R	R	-	
Propanol	R	R	R	R	R	R	T	R	R	R	R	-	
Bases	Ammonium Hydroxide, 6N	R	N	R	N	N	N	R	L	R	R	R	R
	Potassium Hydroxide, 6N	R	N	N	N	R	N	T	N	R	R	R	-
	Sodium Hydroxide, 6N	R	N	T	N	N	N	R	L	R	R	R	R
Solvents	Acetone	R	N	N	N	R	L	N	R	R	R	R	R
	Acetonitrile	T	N	R	N	R	L	R	R	R	R	R	R
	Amyl Acetate	R	L	R	N	R	R	L	R	T	R	R	R
	Aniline	R	N	R	N	R	N	R	R	L	R	R	-
	Benzene	R	L	R	R	R	L	R	R	R	L	R	R
	Bromoform	R	N	R	R	R	N	T	R	T	R	R	-
	Butyl Acetate	R	L	T	N	R	R	L	R	R	R	R	R
	Carbon Tetrachloride	R	L	R	R	R	L	R	R	L	L	R	L
	Cellosolve	R	R	T	N	R	R	T	R	R	R	R	R
	Chloroform	R	N	R	R	R	N	N	R	L	L	R	L
	Cyclohexane	R	R	R	R	R	R	T	R	R	R	R	-
	Cyclohexanone	R	N	R	N	R	L	N	R	T	R	R	R
	Diethyl Acetamide	R	N	R	N	R	L	T	R	R	N	R	-
	Dimethyl Formamide	R	N	R	N	R	N	N	R	R	R	R	R
	Dimethyl Sulfoxide (DMSO)	T	N	R	N	R	N	N	R	R	R	R	R
	Dioxane	R	N	R	N	R	N	L	R	R	R	R	-
	Ethyl Ether	R	L	T	L	R	R	R	R	R	R	R	R
	Ethylene Dichloride	R	L	T	L	R	N	T	R	N	R	R	L
	Formaldehyde	R	L	R	N	R	R	R	R	R	R	R	R
	Freon TF	R	R	R	R	R	R	R	R	R	R	R	-
	Gasoline	R	R	R	R	R	R	T	R	R	R	R	-
	Hexane	R	R	R	R	R	R	T	R	L	R	R	R
	Isopropyl Acetate	R	N	T	N	R	R	T	R	R	R	R	R
	Kerosene	R	R	R	R	R	R	T	R	R	R	R	R
	Methyl Acetate	R	N	T	N	R	N	T	R	R	R	R	R
	Methyl Ethyl Ketone (MEK)	R	N	R	N	R	L	N	R	R	R	R	R
	Methyl Isobutyl Ketone	R	N	T	N	R	L	T	T	R	R	R	R
	Methylene Chloride	R	N	R	N	N	N	N	N	L	L	R	R
	Nitrobenzene	T	N	R	N	R	N	N	R	R	R	R	-
	Pentane	R	R	R	R	R	R	R	R	R	R	L	R
	Perchloroethylene	R	R	R	R	R	R	N	T	R	R	R	-
Pyridine	R	N	R	N	R	N	N	R	R	R	R	R	
Tetrahydrofuran	R	N	R	N	L	N	N	R	R	L	L	R	
Toluene	R	L	R	R	R	L	N	R	L	L	R	R	
Trichloroethane	R	L	R	N	R	N	R	T	T	R	R	-	
Trichloroethylene	R	R	R	R	R	N	R	R	R	L	L	R	
Triethylamine	R	R	R	L	R	L	T	R	L	R	R	-	
Xylene	R	R	R	R	R	R	L	R	L	L	R	R	
Miscellaneous	Cottonseed Oil	R	R	N	R	R	R	T	T	T	R	R	R
	Hydrogen Peroxide (30%)	R	R	R	R	R	R	T	R	R	R	R	-
	Kodak KMER, FTFR	R	N	T	N	R	R	T	R	R	R	R	-
	Peanut Oil	R	R	N	R	R	R	T	R	R	R	R	-
	Petroleum Oils	R	T	R	R	T	R	L	R	L	T	R	-
	Sesame Oil	R	R	R	R	R	R	T	R	R	R	R	-
	Shipley (AS-111, 340, 1350)	R	N	T	N	R	R	T	R	R	R	R	-
	Silicone Oils	R	R	R	R	R	R	R	R	R	R	R	-
	Turpentine	R	R	R	R	R	R	T	R	L	R	R	-
Waycoat 59	R	N	T	N	R	R	T	R	R	R	R	-	