

Chemical Compatibility Chart for Syringe Filters

Solvents	Filter				
	PES	PTFE	PVDF	PP	Nylon
Acetic Acid, glacial	R	R	R	R	N
Acetic Acid, 90%	R	R	R	R	N
Acetic Acid, 30%	R	R	R	R	N
Acetic Acid, 10%	R	R	R	R	N
Hydrochloric Acid, conc. 35%	R	R	N	R	N
Hydrochloric Acid, 20%	R	R	L	R	N
Hydrochloric Acid, 3.3%	R	R	-	R	N
Nitric Acid, conc. 67%	N	L	N	N	N
Nitric Acid, 27%	R	R	N	N	N
Sulfuric Acid conc. 96%	N	R	N	R	N
Sulfuric Acid, 16%	R	R	-	R	N
Ammonium Hydroxide, 3N, 5.7%	R	R	-	R	R
Ammonium Hydroxide, 6N, 11.4%	R	R	N	R	R
Potassium Hydroxid, 15%	R	R	N	R	R
Sodium Hydroxide3N, 11%	R	R	N	R	N
Sodium Hydroxide, 22%	R	R	N	L	L
Amyl Alcohol	-	R	R	R	L
Benzyl Alcohol	-	R	R	R	L
Butanol	R	R	R	R	R
Ethanol	R	R	R	R	L
Isopropanol	R	R	R	R	N
Methanol	R	R	R	R	L
Ethylene Glycol	R	R	R	R	R
Glycerol	R	R	R	R	R
Propylene Glycol	R	R	R	R	R
Ethylether	N	L	R	R	R
Tetrahydrofuran	N	L	N	N	L
Tetrahydrofuran, 50% (v-v)	N	L	-	-	-
Acetone	N	R	N	R	L
Cyclohexanone	N	L	N	R	R
Methyl Ethyl Ketone (MEK)	N	R	N	R	R
Methyl Isobutyl Ketone (MIBK)	N	N	N	N	R
Amyl Acetate	L	L	R	L	R
Butyl Acetate	L	L	L	L	R
Cellusolve Acetate	-	L	L	L	R

Solvents	Filter				
	PES	PTFE	PVDF	PP	Nylon
Ethyl Acetate	N	R	R	L	R
Isopropyl Acetate	-	R	R	L	R
Methyl Acetate	-	R	N	L	R
Carbon Tetrachloride	L	L	L	L	L
Chloroform	N	L	L	L	N
Ethylene Dichloride	N	L	N	N	N
Methylene Chloride	N	L	N	N	L
Tetrachloroethylene	L	L	R	R	-
Trichloroethane	N	N	N	N	N
Benzalkonium Bromide, 0.25%	-	R	R	-	-
Benzene	N	L	L	N	L
Toluene	N	N	L	N	L
Xylene	L	L	L	N	L
Cottonseed	R	R	R	R	R
Peanut	-	R	R	R	R
Formaldehyde, 37%	R	R	R	R	R
Formaldehyde, 4%	R	R	R	R	R
Hexan	L	L	L	L	L
Acetonitrile	-	R	L	N	L
Dimethyl Formamide (DMF)	N	R	N	R	L
Dimethylsulfoxide (DMSO)	N	R	N	R	R
Kerosene	R	R	R	L	R
Pyridine	N	R	N	R	N
Petroleum Spirits	N	N	N	N	N
Hydrogen Peroxide	-	L	R	R	N
Ozone	N	N	N	N	N
Phenol	N	R	N	N	N

Compatibility Ratings:
R = Recommended
N = Not Recommended
L = Limited Recommendation
- = No Data Presently Available

Note: Chemical compatibilities can be influenced by various factors. Therefore, we recommend that you confirm compatibility with the liquid you want to filter by performing a trial filtration run before you start your actual filtration.