Filter Membrane Compatibility

Chemical	Polyethersulfone (PES)	Polysulfone (PSF, PSU)	Teflon (PTFE)	Polyvinylidine Fluouride (PVDF)	Nylon (NYL)
Acetic Acid < 5%					
Acetic Acid 25%					
Acetic Acid Glacial					
Acetone					
Ammonium Hydroxide 10%					
Ammonium Hydroxide 30%					
Amyl Alcohol					
Benzalkonium Chloride 1%					
Benzyl Alcohol 1%					
Benzyl Alcohol					
Benzyl Benzoate					
Butyl Alcohol					
Chloroform					
Citric Acid 10%					
Cottonseed Oil					
Dimethyl Sulfoxide					
Ethyl Acetate					
Ethyl Alcohol < 80%					
Ethyl Alcohol 95%					
Ether					
Formaldehyde 10%					
Formaldehyde 37%					
Formic Acid 3%					
Formic Acid 25%					
Glycerin					
Hydrochloric Acid 5%					
Hydrochloric Acid 35%					
Hydrogen Peroxide 30%					
Iodine Solution					
Isopropyl Alcohol 30%					
Isopropyl Alcohol 100%					
Isopropyl Myristate					
Lactic Acid 3%					
Lactic Acid 85%					
Methanol 98%					
Methylene Chloride					
Methyl Salicylate					
Mineral Oil					
Nitric Acid 10%					
Nitric Acid 50%					
Peanut Oil					

Phenol 5%					
Phenol Liquefied					
Phosphoric Acid 10%					
Polyethylene Glycol 300					
Potassium Hydroxide 10%					
Potassium Hydroxide 50%					
Propanol					
Propylene Glycol					
Sesame Oil					
Sodium Hydroxide 10%					
Sodium Hydroxide 50%					
Sodium Hypochlorite 5%					
Sulfuric Acid 10%					
Sulfuric Acid 50%					
Trichloroacetic Acid 10%					
Triethanolamine					
Water					
Wintergreen Oil					

	Compatible/Satisfactory Compatibility		Limited/ Marginal Compatibility. Trial test recommended
	Not Compatible/ Not Recommended		No Data Available

References

NALGENE Labware Filterware Chemical Resistance. Available at www.nalgenelabware.com/techdata/chemical/filter.asp Accessed January 15, 2008.

Discovery Sciences Filter Membrane Chemical Compatibility. Available at www.discoverysciences.com/product,aspx?id=1404 Accessed January 15, 2008.