

Chemical compatibility

Solvent	Material												
	MV	CA	RC	PA	PTFE	H-PTFE	PVDF	PES	PET	GF	IC	PP	
Acetaldehyde	-	-	+	o	+	+	+	+	+	+		o	
Acetic acid, 100 %	-	-	-	-	+	+	+	+	+	+		+	
Acetone	-	-	+	+	+	+	-	-	+	+		+	
Acetonitrile	-	-	+	+	+	+	+	+	+	+		+	
Ammonia, 25 %	-	-	o	-	+	+	+	+	o	+	-	+	
Benzene	+	+	+	+	+	+	o	+	+	+		o	
n-Butanol	+	+	+	o	+	+	+	+	+	+		+	
Cyclohexane	+	+	+	o	+	+	+	+	+	+		+	
Dichloromethane	+	-	+	-	+	+	+	-	+	+		-	
Diethyl ether	o	o	+	+	+	+	+	+	+	+		o	
Dimethylformamide	-	-	o	+	+	+	-	-	+	+		+	
1,4-Dioxane	-	-	+	+	+	+	o	-	+	+		o	
Ethanol	-	+	+	+	+	+	+	+	+	+		+	
Ethyl acetate	-	-	+	+	+	+	+	+	+	+		o	
Ethylene glycol	o	o	+	+	+	+	+	+	+	+		+	
Formic acid, 100 %	+	-	o	-	+	+	+	+	o	+		+	
Hydrochloric acid, 30 %	-	-	-	-	+	+	+	+	-	+	-	+	
Methanol	-	-	+	+	+	+	+	+	+	+		+	
Nitric acid, 65 %	-	-	-	-	o	o	o	-	o	+	-	-	
Oxalic acid, 10 % aqueous	+	-	+	-	+	+	+	o	+	+		+	
Petroleum ether	+	+	+	+	+	+	+	+	+	+		+	
Phosphoric acid, 80 %	-	-	o	-	+	+	o	-	+	+	-	+	
Potassium hydroxide, 1 mol/L	-	-	o	+	+	+	o	o	o	o	+	+	
2-Propanol	+	+	+	+	+	+	+	+	+	+		+	
Sodium hydroxide, 1 mol/L	-	-	o	+	+	+	o	o	o	o	+	+	
Tetrachloromethane	+	-	+	+	+	+	o	-	+	+		o	
Tetrahydrofuran	-	-	+	o	+	+	+	-	+	+		o	
Toluene	+	-	+	+	+	+	+	+	+	+		o	
Trichloroethene	+	+	+	o	+	+	+	o	+	+		o	
Trichloromethane (chloroform)	+	-	+	-	+	+	+	-	+	+		-	
Urea	+	+	+	+	+	+	+	+	+	+		+	
Water	+	+	+	+	+	+	+	+	+	+	+	+	
Xylene	+	+	+	+	+	+	o	o	+	+		o	

Data not guaranteed

+ resistant

- not resistant

o limited resistance

Material

Membranes

MV = cellulose mixed esters

CA = cellulose acetate

RC = regenerated cellulose

PA = polyamide

PTFE = polytetrafluoroethylene

H-PTFE = hydrophilized polytetrafluoroethylene

PVDF = polyvinylidene difluoride

PES = polyethersulfone

PET = polyester

GF = glass fiber

IC = special filter for ion chromatograph

Housing material

PP = polypropylene