Filter Information Sheet

Chemical Compatibility

Product	Strong Acid	Dilute Acids	Aliphatic Alcohol	Aldehides	Bases	Esters	Aliphatic Hydroc	Aromatic Hydroc	Halogen Hydroc	Cetones	Strong Oxidants
PVDF	N	R	R	R	N	L	R	R	R	N	L
PTFE	R	R	R	R	R	R	R	R	R	R	R
Nylon	N	L	R	L	L	R	R	L	L	R	N
Mixed Esters Cellulose	N	R	L	L	N	N	R	R	L	N	L
Polypropylene	R	R	R	L	R	R	R	N	L	R	R
Cellulose Acetate	N	L	L	L	N	N	R	R	N	L	L
Regenerated Cellulose	N	R	R	L	L	R	R	R	R	R	L
Polyethersulfone	N	R	L	L	R	L	R	R	N	L	L
Glass Fiber	R	R	R	R	R	R	R	R	R	R	R

R: Recommended, L: Limited Compatibility, N: Not Recommended

Technical Characteristics

PRODUCT	Minimum Bubble Point-Water	Minimum Water Flow Rate (@ 0.7 bar, 25°C)
PVDF 0.2µm	260 kPa	2 ml/min/cm^2
PVDF 0.45µm	170 kPa	10 ml/min/cm^2
PTFE 0.2µm	110 kPa	6 ml/min/cm^2
PTFE 0.45µm	60 kPa	15 ml/min/cm^2
Nylon 0.2µm	350 kPa	5 ml/min/cm^2
Nylon 0.45µm	210 kPa	10 ml/min/cm^2
Mixed Esters Cellulose 0.2µm	380 kPa	15 ml/min/cm^2
Mixed Esters Cellulose 0.45µm	260 kPa	25 ml/min/cm^2
Polypropylene 0.2µm	280 kPa	8 ml/min/cm^2
Polypropylene 0.45µm	210 kPa	20 ml/min/cm2
Cellulose Acetate 0.2µm	350 kPa	10 ml/min/cm^2
Cellulose Acetate 0.45µm	270 kPa	20 ml/min/cm2
Regenerated Cellulose 0.2µm	250 kPa	10 ml/min/cm^2
Regenerated Cellulose 0.45µm	200 kPa	15 ml/min/cm^2
Polyethersulfone 0.2µm	360 kPa	15 ml/min/cm^2
Polyethersulfone 0.45µm	280 kPa	25 ml/min/cm^2
Glass Fiber 1.0µm	N.A.	>80 ml/min/cm^2
Glass Fiber 2.0µm	N.A.	>95 ml/min/cm^2
Glass Fiber 5.0µm	N.A.	>105 ml/min/cm^2

FINNERAN