



Specifications

Media	: PTFE
Support	: Polypropylene
Core, Cage	: Polypropylene
End Parts	: Polypropylene
Sealing	: NBR, EPDM, Silicone, PTFE FKM (Fluorine Rubber) E-FKM (Encapsulated Fluorine Rubber)

Filtration rate

Pore Size : 0.1, 0.2, 0.45, 1.0 micron

Dimension

Double open ended:

ID x OD x Length
28mm x 70mm x 10", 20", 30", 40"

Single open ended:

ID x OD x Length
25mm x 70mm x 10", 20", 30", 40"

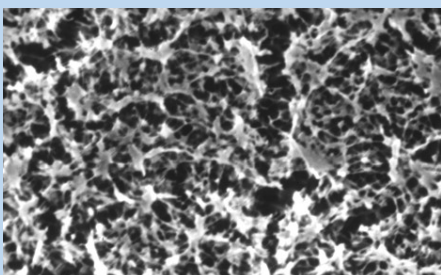
Operating Conditions

Maximum Operating Temperature:
80°C (175°F)

Replacement Differential Pressure:
0.15MPa (22psi)

Maximum Differential Pressure:
0.35MPa (51psi) @ 20°C (68°F)

* depending on operating parameters



CLEAL[®]

POROUSFINE F-Series

Hi Performance PTFE Membrane Type Pleated Cartridge Filter

Features

Structure

CLEAL[®] POROUSFINE F-Series is a pleated cartridge composed of a membrane filter made of PTFE and polypropylene with broad chemical compatibility, and is a clean filter which does not contain any adhesives.

CLEAL[®] POROUSFINE F-Series is a high flow rate and long life pleated cartridge filter that was secured a wide filtration area by sophisticated filter assemble technology.

Advantages

- Uniform pore size structure provides consistent filter ratings.
- There are no pore size changes and media migration.
- Lower pressure drop elongates filter service life is extended.
- Excellent chemical resistance.

Quality

- Production at ISO 9001 certified factory
- Production at ISO 14001 certified factory

Application

Chemicals :

Various chemicals, Solvents

General Industry :

Pure water, Washing Water

Food & Beverages :

Various airs.

Electronics :

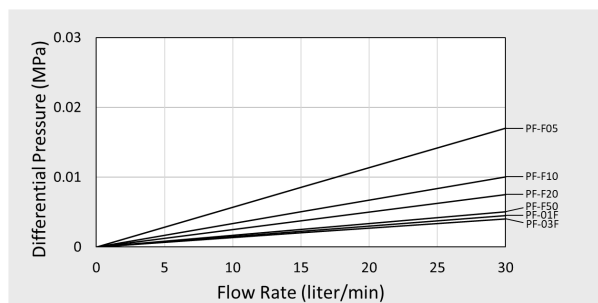
Photoresist developer

Filter Rating

Grade	Pore Size	Media Area
PF-F05	0.05 μm	8,100cm ² /10"
PF-F10	0.1 μm	
PF-F20	0.2 μm	
PF-F50	0.5 μm	
PF-01F	1.0 μm	
PF-03F	3.0 μm	

Water Permeability

Flow Rate - Differential Pressure



※ per 250 mm, in water

Filter End Configuration

G0	Flat Gasket End	
	226 O-ring with Spear closed End	
E7	222 O-ring with Flat closed End	
	222 O-ring with Spear closed End	
M3	222 O-ring with Flat closed End	
	222 O-ring with Spear closed End	
M8	222 O-ring with Flat closed End	
	222 O-ring with Spear closed End	

Ordering Guide

Code information								Sales Unit	
Grade	Filter Rating	End Type & Seal Material		ID & OD (mm)	Length (mm)			SPQ (pcs/ctn)	
PF-	F05 (0.05 μm) F10 (0.1 μm) F20 (0.2 μm) F50 (0.5 μm) 01F (1.0 μm) 03F (3.0 μm)	(DOE) G0 (Flat Gasket)	1 (NBR)	28 - 70 -	(G0)	(10")	250	6	
			2 (Silicone)			(20")	496	6	
			3 (FKM)			(30")	742	6	
			4 (Soft PTFE)		25 - 70 -	(E7)	(10")	315	6
			5 (EPDM)				(20")	561	6
							(30")	807	6
		(SOE) E7 (226 O-ring with Spear End) M3 (222 O-ring with Flat End) M8 (222 O-ring with Spear End)	1 (NBR) 2 (Silicone) 3 (FKM) 4 (E-FKM) 5 (EPDM)	(M3)		(10")	265	6	
						(20")	511	6	
						(30")	758	6	
				(M8)		(10")	309	6	
						(20")	555	6	
						(30")	801	6	
Example : PF-F10E72 25-70-807 (SPQ 6pcs)									
PF -	F10	E7	2	25-70-	807	6			

Example : PF-F10E72 25-70-807 (SPQ 6pcs)

PF -	F10	E7	2	25-70-	807	6
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- * Description of each characteristic data is based on our original test methods. The actual data may differ slightly from the data shown here by use conditions.
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