

PF Series

Pleated High Flow Filters

Description

PF Series Pleated High Flow Filters are made of advanced polypropylene microfiber, are good choice for large flow water filtration system. Firstly, The water treatment volume for per pleated high flow filter cartridge equals to 10 pcs of standard 40 inch length and 2.5" outer diameter water filter cartridges.

Additionally, the inner single O-ring and double O-rings end caps insure no bypass and the handle design makes it more easier to install and change out. With high dirt holding capacity, long service life and wide chemical compatibility, high flow pleated filters could be used in many crucial fluid filtration industries.



Features & Benefits

- Good performance with consistent good filtration efficiency and long service life
- PF Series high flow filter cartridges are wide chemical compatibility for different applications
- High flow pleated filters are high dirt holding capacity, high flow rates and low pressure drops
- Pleated high flow filters are easier install and replace, help end users save much cost and time
- Per high flow filter equals to 10pcs 40 inch length and 2.5" outer diameter standard filters, save costs and workplace

Specification

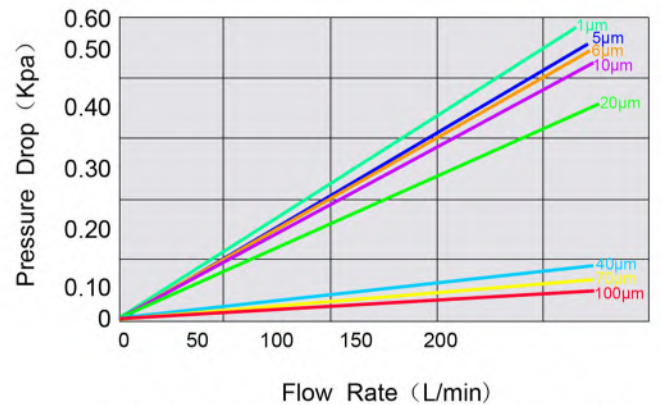
Filter Media	Polypropylene Pleated
Length	20"(508mm), 40"(1016 mm), 60"(1524mm)
Outside Diameter	6 inch(152mm)
Filtration Rating	1µm, 3µm, 5µm, 6µm, 10µm, 20µm, 40µm, 70µm, 100µm
Support/Drainage	Polypropylene (PP)
End Cap Material	Glass fiber reinforced Polypropylene (PP)
Seal Material	EPDM, Viton
Outside	Netting

Application

- Petrochemical, refineries
- Food and beverage filtration
- Power plant water treatment
- Paints, inks, magnetic media
- Sea water desalination and RO pre-filtration
- API, solvents, and water filtration in biopharm market

Operation Data

Maximum Operating Temperature	82°C
Maximum Differential Pressure	3.4Bar @ 82°C
	2.5Bar @ 20°C
Suggested Maximum Flow Rate	20"(508mm) - 30m³/h
	40"(1016mm) - 50m³/h
	60"(1524mm) - 70m³/h



Flow Rate for 40" Pleated High Flow Filters

Order Information

PF	Material	Length	Filtration Rating	Open End Type	O-ring Material	
PF Series Pleated High Flow Filters	P = PP Pleated	20 = 20"(508mm)	1 = 1µm	S = Single O-ring	E = EPDM	
			3 = 3µm			
		5 = 5µm	D = Double O-rings			V = Viton
		6 = 6µm				
		10 = 10µm				
		20 = 20µm				
		40 = 40"(1016mm)	40 = 40µm			
			70 = 70µm			
			100 = 100µm			
			60 = 60"(1524mm)			

For Example:

PF-P-40-5-D-E

PF Series Pleated High Flow Filters - PP Pleated - 40" (1016mm) - 5µm - Double O-rings - EPDM

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