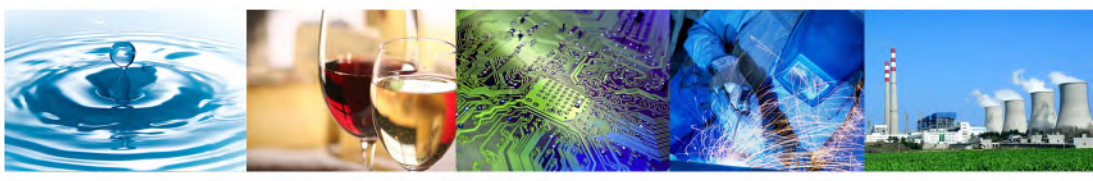
Hongtek®
Make Better Filtration



PF Series

Pleated High Flow Filters

Description

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

Features

- Good performance with consistent good filtration efficiency and long service life
- PF Series high flow 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 filter cartridges 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

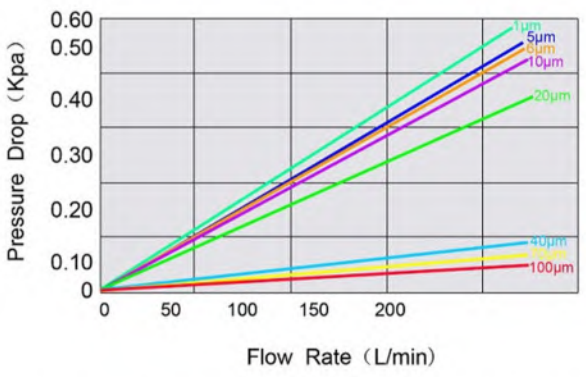
Filter Media	Polypropylene (PP) Pleated
Length	20"(508mm), 40"(1016mm), 60"(1524mm)
Outside Diameter	6 inch (152mm)
Filtration Rating	1μm, 3μm, 5μm, 6μm, 10μm, 20μm, 40μm, 70μm, 100μm
Support/Drainage	Polypropylene (PP)
End Cap Material	Glass fiber reinforced Polypropylene (PP)
Inside	Polypropylene (PP)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

Application

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

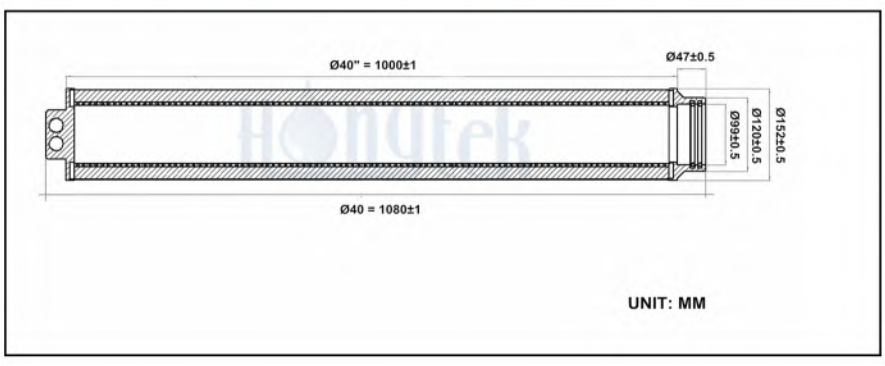
Operation Data

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



Flow Rate for Length: 40" PF Series High Flow Filters

Tech Support



Order Information

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

For Example:

PF-P-40-5-D-E

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

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