

Poly-Flow Pleated Filter Cartridge with PP Microfiber media

Poly-Flow filter is an advanced design product that could permit high flow rate with compact design. This advantage allows fewer filter elements to accommodate to your flow requirements. Radial Pleat design enlarge the surface area, providing high loading capacity for long service life

► Features & Benefits

- High loading capacity with lower cost filtration.
- 100% PP for compatibility with a wide range of process fluids.
- Manufacture in clean room, high clean cartridge.
- Double O-ring seal design reduce the risk of fluid bypass.

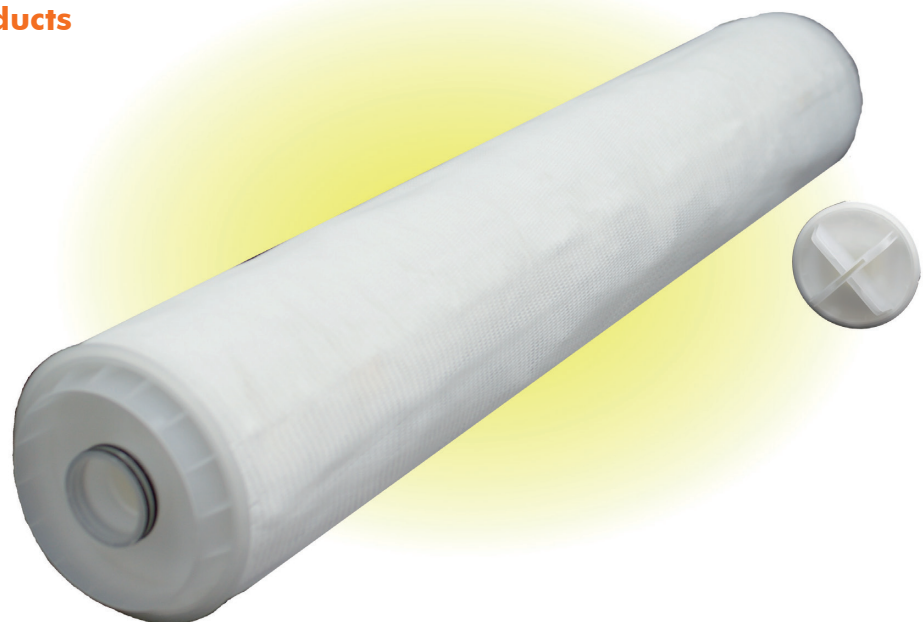
► Operation & Conditions

- Maximum operating differential pressure:
1micron: 2.46 kg/cm²
over 2micron: 3.5 kg/cm²
- Maximum operating temperature: 80°C
- Maximum flow rating:
1&2 micron: 227 LPM ; All other micron: 302 LPM
- O-ring size: 226 O-ring

► Applications of products

- Amine
- Beer and wine
- Completion fluids
- Desalination
- Edible oils
- Fructose
- Ground water clean-up
- Waste water
- Machine Coolant
- Acids and bases
- Carbon beds
- Deep wells
- DI resins
- EDM fluids
- Glycol

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► Product specifications

Micron ratings : 1, 2, 5, 10, 25, 50, 75 micron

Material of Construction: Polypropylene Micro-fiber Meltblown

Core Material: Polypropylene

End Cap: Polypropylene

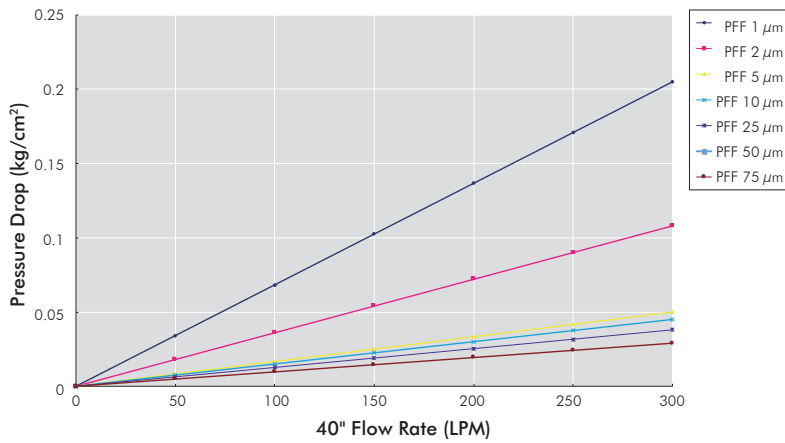
O-ring material: EPDM, Buna N, Silicone, Viton, PFA encapsulated viton

Length: 10" , 20" ,30" , 40" , 60"

Efficiency of Filtration

Retention Efficiency (%)						
Micron Rating	2 micron	5 micron	10 micron	25 micron	50 micron	75 micron
Efficiency 99%	2	5	10	25	50	75
Efficiency 95%	-	2	8	15	25	50
Efficiency 90%	-	-	5	10	20	35
Efficiency 75%	-	-	3	8	15	25
Efficiency 50%	-	-	-	5	10	15

Initial Pressure Drop



Ordering Information

