

OPTIPLEAT

NOMINAL PLEATED POLYPROPYLENE FILTER

Nominal PP Pleated Cartridge Filters are made of all polypropylene pleated microfiber, providing great filtration performance with lower cost.

Higher flow rates, dirt holding capacity and filtration efficiency make it the optimal solution for the pre-filtration of liquids.



FEATURES AND BENEFITS

- Lasting and reliable high filtration efficiency
- Broad chemical compatibility makes it suited for various kinds of acids, bases, and solvents
- Pleated surface area provides superior flow rate and extended service life
- Welded design eliminates the need for adhesive which can be a contaminate source
- Available in nominal ratings from 0.1µm to 60µm for a range of precise size removal
- All materials used meet the requirements on materials used for articles intended to come into contact with food as described in FDA CFR Title 21 and European Regulation (EC) N° 1935/2004 and EC N° 10/2011
 - * Extractables < 30mg per 10" / 254mm
 - * Endotoxins < 0.25EU/ml
- Typical applications: Food & Beverage, Pharma, Cosmetics, Chemicals, Semiconductor, Etchants, Oil industry, Prefiltration for RO/DI, Paints and Coatings

TECHNICAL SPECIFICATIONS

CARTRIDGE DIMENSIONES

- Outer diameter: 70mm / 2.75"
- Length: 5" - 127mm 10" - 254mm 20" - 508mm 30" - 762mm 40" - 1016mm

MATERIALS OF CONSTRUCTION

- Filter media: Polypropylene
- Support layers: Polypropylene
- Core/cage/End Caps: Polypropylene
- Standard O' ring/gaskets: Silicone, EPDM , NBR, Viton or Viton encapsulated Viton

EFFECTIVE FILTRATION AREA (EFA)

- 0.51m² / 5.48ft² - Ø 70mm / 2.75" per 10" / 254mm



OPERATING CONDITIONS	
Maximum Operating Temperature	80°C
Maximum Differential Pressure	4.8 bar at 20°C 1.4 bar at 80°C
Maximum reverse Pressure	2.8 bar at 21°C
Recommended Change Out Differential Pressure	2.4 bar
Steaming Sterilize (Autoclave)	121°C / 30min at 1.0 bar

ORDERING INFORMATION

GRADE	LENGTH	MICRON (*)	END CAP (inf)	END CAP (sup)	GASKETS
G - General	5 - 5"/127mm	0.10 - 0.1µm	B - DOE with Gaskets	B - DOE with Gaskets	S - Silicone
F - F & B	10 - 10"/254mm	0.45 - 0.45µm	C - 226	F - Flat	E - EPDM
P - Pharmaceutical	20 - 20"/508mm	001 - 1µm	D - 222	S - Spear	V - Viton
	30 - 30"/762mm	003 - 3µm			
	40 - 40"/1016mm	005 - 5µm			
		010 - 10µm			
		020 - 20µm			

DISTRIBUIDO POR:



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* Other micron available

