

EPP FILTER CARTRIDGES

ALL-POLYPROPYLENE MEDIA FOR PRE-FILTRATION OF LIQUIDS

EPP Filter Cartridges are composed entirely of nominally rated pleated polypropylene microfiber which provides great filtration performance with a low cost. Characteristics include high flow rates, high contaminant holding capacity and filtration efficiency making it the ideal solution for the pre-filtration of liquids.

FEATURE	BENEFIT
All Polypropylene construction	Broad chemical compatibility makes it suitable for acids, bases, and solvents
	High filtration efficiency
	Pleated surface area provides superior flow rate and extended service life
	100% thermally-welded design eliminates the need for adhesives which can be a contamination source
	Available in nominal ratings from 0.1 µm to 25µm for precise particle removal

QUALITY STANDARDS

Quality Assurance	These products are manufactured in a facility which adheres to ISO 9001:2015 Practices.
Particle Shedding	Autoclaved filter effluent meets the requirements in USP <788> for large volume injections.
Non-Fiber Releasing	Component materials meet the criteria for a "Non-fiber-releasing filter" as defined in 21 CFR 210.3 (b) (6)
Indirect Food Additive	All component materials meet the FDA Indirect Food Additive requirements cited in 21 CFR 177-182, and EU framework regulation [1935/2004/EC].

SPECIFICATIONS

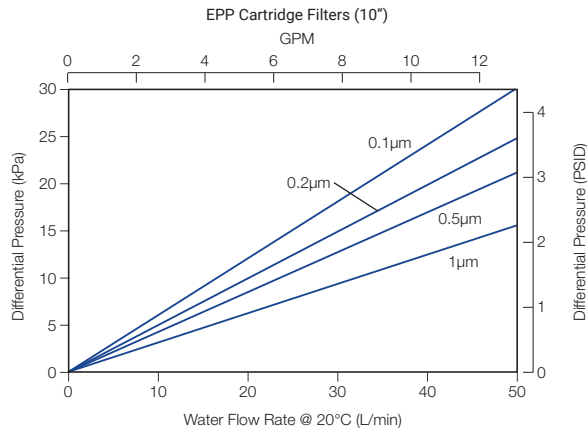
Filter media	Pleated Polypropylene media
Support/core/cage/end caps	Polypropylene
Effective filtration area	0.1 – 5.0µm 0.61m ² (6.6 ft ²)/ Ø69-10 inch 10 – 25µm 0.64m ² (6.9 ft ²)/ Ø69-10 inch
O-rings	Silicone, EPDM, FKM
Cartridge diameter	69 mm (2.7 in.)
Max. differential pressure	0.40 MPa (4.0 bar, 58 psi) at 21°C; 0.24 MPa (2.4 bar, 35 psi) at 80°C
Max. operating temperature	80°C



Typical Applications

- Water
- Clarification
- Industrial
- DI Water

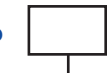
FLOW RATES



ORDERING INFORMATION

EXAMPLE: **EPP0050SF10S-C** = 0.5 µm, 226 O-ring/Fin, 10 inch, with silicone seals

EPP



Nominal Removal Rating

0010 = 0.1 µm
 0020 = 0.2 µm
 0030 = 0.3 µm
 0050 = 0.5 µm
 0100 = 1.0 µm
 0250 = 2.5 µm
 0500 = 5.0 µm
 1000 = 10 µm
 1500 = 15 µm
 2500 = 25 µm



Connection

DOE = Double Open End, Flat Gasket
 TC = 222 O-ring/Flat
 TF = 222 O-ring/Fin
 SC = 226 O-ring/Flat
 SF = 226 O-ring/Fin



Nominal Length

05 = 5"
 10 = 10"
 20 = 20"
 30 = 30"
 40 = 40"



-C

Seal Material

S = Silicone
 E = EPDM
 V = FKM



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