



Polypropylene Pleated Membrane Cartridge

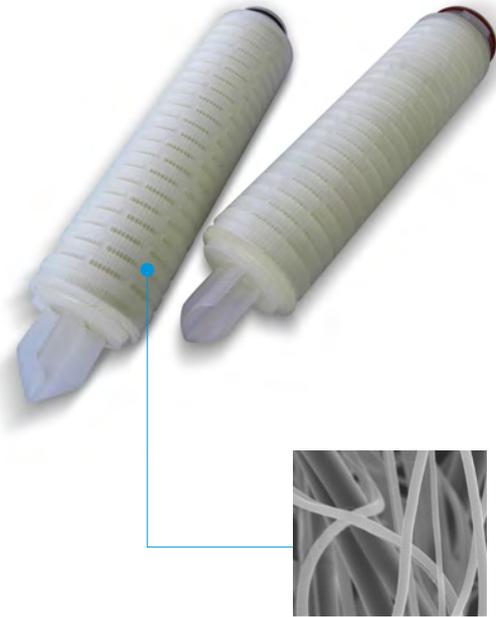
Profile

The Polypropylene (PP) Cartridge consists of two layers of different PP fiber fineness made through melt-blowing technology. The membrane is pleated within the PP cage and core, providing a larger filtration area than regular depth cartridges. The PP cartridge can handle high flow rates, high dirt holding capacity and features low clean delta pressure and long service life.

Feature-Tec PP cartridges are 100% pure PP, meeting PDA CFR Title 21 & USPXXIII requirements. It has an absolute rating of up to 99.9%, applicable for clarifying liquids and pre-filtration of diaphragm-type servomotors.

Characteristics

- Two-layer structure, absolute filtration efficiency.
- Filtration area larger than 0.5m², with high dirt holding capacity and high filtration flow rate.
- Low psid, large flow rate, long service period and minimum downtime for change.
- Made of 100% pure polypropylene material, good compatibility with most chemicals.
- End connections are thermally bonded without adhesive.
- Passed FDA CFR Title 21 and USP XXIII test.



PP S.Acid W. Acid W.Alkali S.Alkali ~~Solvent~~

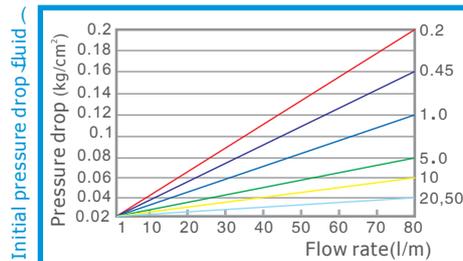
DP max : 95°C, 1.4 kg/cm²
 60°C, 2.8kg/cm²
 20°C, 4.9 kg/cm²

DP (replacement): 2.5 kg/cm²

Temperature: 95°C

ID(inside diameter): 28mm

OD(outside diameter): 63mm



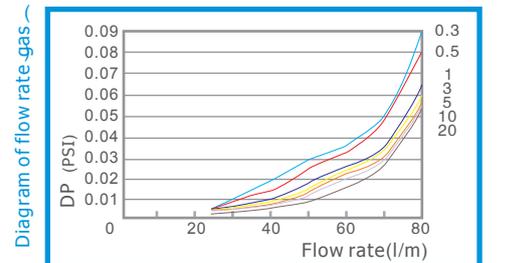
Product filtration rate	Filtration efficiency(%)							
	0.2	0.3	0.5	1.0	5.0	10	20	50um
0.2	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9
0.45	62.3	71.9	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9
1	30.2	67.1	73.9	>99.9	>99.9	>99.9	>99.9	>99.9
5		46.8	87.3	>99.9	>99.9	>99.9	>99.9	>99.9
10			53.9	81.5	>99.9	>99.9	>99.9	>99.9
20				59.3	86.9	>99.9	>99.9	>99.9
50					79.8	>89.9	>99.9	>99.9

Applications

- Pure water pre-filtration
- Rinsing bath
- Electrophoretic paint
- Low and model viscosity liquid medicine
- Drink
- Cooling water
- Industry recycled water

Specification Code

ELCPP	10	7	B	1
ELCPP ELCPPX	Length: 10-10" 20-20" 30-30" 40-40"	Connection Code: 2、3、 4、5、 6、7	Seal Media: B-Buna N V-Viton S-Silicone E-EPDM	Rate(um): 0.2 0.45 1 5 10 20 50



Product filtration rate	Filtration efficiency(%)					
	0.3	0.5	1	3	5	10 um
0.3	99.90	99.95	99.97	99.99	>99.99	>99.99
0.5	99.83	99.90	99.40	99.97	>99.99	>99.99
1	97.93	99.81	99.90	99.95	99.99	>99.99
3	96.10	99.71	97.85	99.92	99.96	99.99
5	85.29	90.00	95.00	97.56	99.92	99.97
10	6.91	57.61	82.42	92.62	97.25	99.93
20	2.05	48.41	82.24	90.65	93.45	95.21

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