

VF Series Polyethersulfone Membrane PS5

Economic filtration and high performance

SERIES VFPS5 High performance

Venefilter Inc., Develops this pleated membrane filter, hydrophilic, asymmetric polyethersulfone membrane and polypropylene components, to achieve an economic and filtration with excellent results in terms of flow rates and performance. These are of great strength and durability, is non-fiber releasing, contains no added tensoactives that contribute with the extractables and have a long service life.

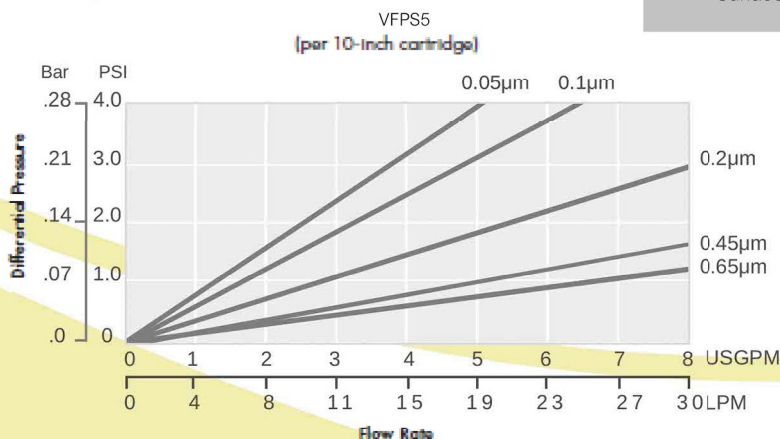
Features

- Absolute retention efficiency.
- Low pressure drop reduces energy costs.
- High dirt holding capacity minimizes change-outs and down time.
- All thermal bonded construction with no adhesives.
- Available in all common configurations to allow use of existing filter housings.
- Cost effective absolute filtration.
- All materials are listed by the FDA for contact with food and beverages.
- Meets USP Class VI, biological test for plastics.

Operating Conditions

Maximum differential pressure	60 Psid a 80 °F (4,14 bar a 27 °C)
	30 Psid a 160 °F (2,07 bar a 71 °C)
	15 Psid a 200 °F (1,03 bar a 93,3 °C)
Maximum reverse differential pressure	180 °F (82 °C) a 20 Psid (1,38 bar)
Recommended change-out	35 Psid (2,4 bar)

Pressure drop



Applications

- General water filtration.
- Prefilters for water deionization.
- Postfilter for water deionization.
- Aqueous based chemical processing.

Design specifications

Media	Asymmetric Polyethersulfone membrane
Inner core, end caps, cage	Polypropylene
Support layers	Spunbonded Polypropylene
Outside diameter	2,7" (6,86 cm)
Inside diameter	1,1" (2,79 cm)
Surface area	6 ft2 (0,56 m2) per 10" element

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Part Number

VFPS5	0.2	10	S6	B	R
Series	Microns	Nominal Length	End Configuration	Gasket	Optional
VFPS5	0.05	5: 5"	DOE: Double Open End	B: Buna-N	R: Factory Pre Rinse
	0.1	9.75: 9 ^{3/4} "	S3:222w/Fin end	E: EPDM	
	0.2	10: 10"	S4:222w/Flat end	V: Viton	
	0.45	20: 20"	S5:226w/Fin end	S: Silicone	
	0.65	30: 30"	S6:226w/Flat end	T: Teflon	
		40: 40"	SOE: Single open end, internal O-Ring	TG: teflon gasket	

CAT-VF-PS5-12