

VF Series Melt Blown Cartridges MB4

Economic filtration, high retention capacity

SERIES VFMB4 Economic filtration

Venefilter Inc., manufactures this Melt Blown filter as an option in economic filtration, with disposable elements and a wide range of applications. The depth filter VFMB4 is constructed of 100% polypropylene media for chemical compatibility with a variety of process fluids. The molded core prevents collapse even at elevated temperatures.

Features

- Nominal efficiency.
- Available in ratings from 1 to 70 microns.
- Graded pore construction for long on-stream life.
- Melt blown media resists dirt unloading as differential pressure increases.
- Non-shedding.
- High dirt holding capacity.
- All materials are listed by the FDA.
- FEconomical depth filtration.
- Thermal bonded endcaps optional.
- Free of binders, adhesives and surfactants.
- Certified according to NSF / ANSI 61, as components of potable water system.
- Meets USP Class VI, biological test for plastics.

Operating Conditions

Maximum differential pressure	150 Psid a 68 °F (10,3 bar a 20 °C)
	90 Psid a 150 °F (6,2 bar a 66 °C)
	35 Psid a 176 °F (2,4 bar a 80 °C)
Recommended changeout	35 Psid (2,4 bar)

Design specifications

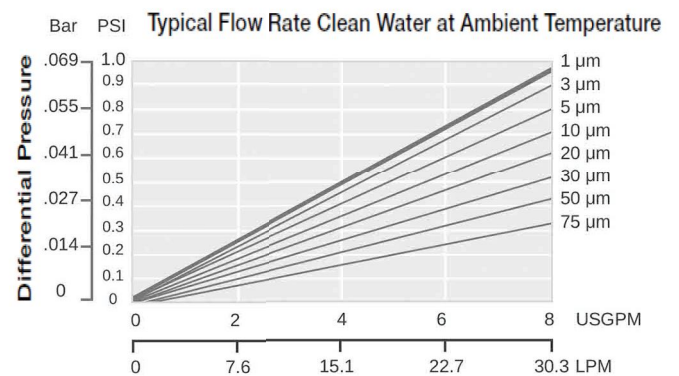
Media	Polypropylene
End caps/Center core	Polypropylene
Outside diameter	2,5" (6,35 cm), 2,75" (6,99 cm) Endcapped
Inside diameter	1,0" (2,54 cm)



Applications

- Reverse osmosis pre-filters.
- Wastewater.
- Food & beverage.
- Chemicals.
- Blowdown post filter.
- Aqueous solutions.
- Inks.

Pressure drop



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Part Number

VFMB4	10	20	N	N
Series	Microns	Nominal Length	End Configuration	Gasket
VFMB4	1	4: 4"	DOE: Double Open End (Hard end caps)	B: Buna-N
	3	5: 5"	S3:222w/Fin end	E: EPDM
	5	9.75: 9 ^{3/4} "	S4:222w/Flat end	V: Viton
	10	10: 10"	S5:226w/Fin end	S: Silicone
	20	19.5: 19 ^{1/2} "	S6:226w/Flat end	T: Teflon
	30	20: 20"	S8:SOE w/spring	N: None
	50	29.5: 29 ^{1/4} "	EXP: Extended core	
	70	30: 30"	N: None (Cut Ends)	
		39: 39"	DBG: Direct Bond Santoprene Gaskets	
		40: 40"		

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