

VF Series Melt Blown Cartridges MB5

Filtration economic, collapse resistance

SERIES VFMB5 Collapse resistance

Venefilter Inc., manufactures this Melt Blown as an option in economic filtration, with disposable elements and a wide range of applications. The depth filter VFMB5 is constructed of 100% polypropylene media for chemical compatibility with a variety of process fluids. The unique Crystal Core prevents collapse even at elevated temperatures.

Features

- Nominal efficiency.
- Available in nominal ratings from 1 to 75 microns.
- Formed Crystal Core for excellent collapse strength.
- Graded pore construction for long on-stream life.
- Melt blown media resists dirt unloading as differential pressure increases.
- Non-shedding.
- High dirt holding capacity.
- Economical depth filtration.
- Thermal bonded endcaps optional.
- Free of binders, adhesives and surfactants.
- Highly consistent performance.
- All materials are listed by the FDA.
- Meets USP Class VI, biological test for plastics.
- Certified according to NSF / ANSI 61, as components of potable water system.

Operating Conditions

Maximum differential pressure	65 Psid a 68 °F (4,5 bar a 20 °C)
	50 Psid a 100 °F (3,4 bar a 38 °C)
	25 Psid a 170 °F (1,7 bar a 77 °C)
Recommended changeout	35 Psid (2,4 bar)

Design specifications

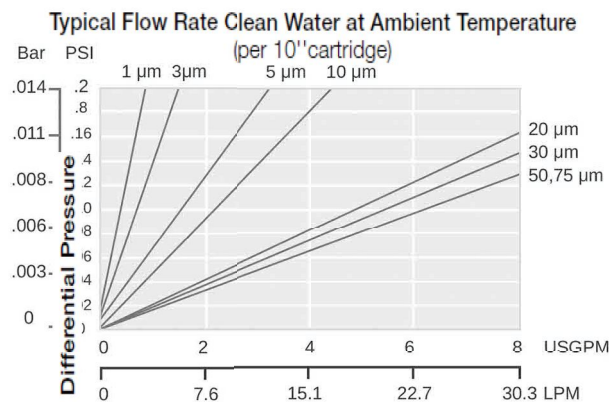
Media	Polypropylene
End caps/Center core	Polypropylene
Outside diameter	2,5" (6,35 cm), 2,63" (6,7 cm) Endcapped
Inside diameter	1,1" (2,79 cm)



Applications

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

Pressure drop



For liquids other than water, multiply pressure drop by the fluid viscosity in centipoise

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Part Number

VFMB5	10	20	N	N	
Series	Microns	Nominal Length	End Configuration	Gasket	
VFMB5	1	4: 4"	DOE: Double Open End (Hard end caps)	B: Buna-N	Blank: Individually bagged
	3	5: 5"	S3:222w/Fin end	E: EPDM	- BB: Single bulk bag
	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		
	75	30: 30"	N: None (Cut Ends)		
		39: 39"	DBG: Direct Bond Santoprene Gaskets		
		40: 40"			
		50: 50"			

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