

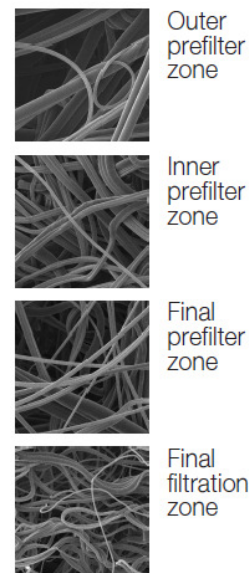


VULCASCOT

VULCOSTAR CLEAR DF MFB Filter Cartridges

Melt Blown Filters

An economical, disposable filter element that can be used in a wide range of applications. The **Vulcostar Clear DF MFB** depth filter is constructed of 100% polypropylene media for chemical compatibility with a variety of process fluids. The unique core prevents collapse even at elevated temperatures.



Typical Applications

- Food and beverage
- RO Prefilters
- Chemicals
- Wastewater
- Blowdown post filter
- Rad waste
- Aqueous solutions
- Inks

Features–Benefits

- Available in nominal ratings from 1 to 75 microns
- Formed 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 surfactants, binders and adhesives
- Highly consistent performance

Product Specifications

Media:	Polypropylene
End caps/center core:	Polypropylene
Gaskets/O-rings:	Silicone, EPDM, Buna N, Santoprene, Viton and Teflon encapsulated Viton (o-rings only)
Micron ratings:	1, 3, 5, 10, 20, 30, 50, 75 µm

Dimensions

Nominal lengths:	9.75", 10", 20", 30", 40", 50" (24.8, 25.4, 50.8, 76.2, 101.6, 127 cm)
Outside diameter:	2.5" (6.35 cm), 2.63" (6.7 cm) Endcapped
Inside diameter:	1.1" in (2.79 cm)

Operating Parameters

Maximum differential pressure:	65 psid @ 68°F (4.5 bar @ 20°C) 50 psid @ 100°F (3.4 bar @ 38°C) 25 psid @ 170°F (1.7 bar @ 77°C)
Recommended change out differential pressure:	35psid (2.4 bar)





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Certifications

- **USP Class VI** - Meets USP Class VI Biological Test for Plastics
- **FDA Listed Materials** - All Materials comply with FDA Title 21 of the Code of Federal Regulations Sections 174.5, and 177.1520, as applicable for food and beverage contact
- **NSF 61** – Certified to NSF/ANSI STD 61 for materials requirements only – Component (NSF61 applies to NN, P6 and PX styles only)



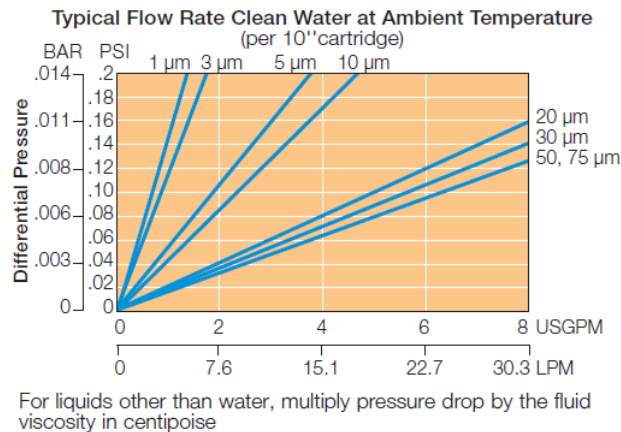
Certified to
NSF/ANSI Standard 61 for
materials requirements only.
COMPONENT

Order Information

Example
DF MFB

Filter type	Retention rating	Nominal length ``	End configuration	Gasket or O ring	
	0.5	-10	N	N	-BB
	1	-4	P Double Open End	S Silicone	Blank Individually bagged
	3	-5	P2 226/Flat Single Open End	B Buna-N	-BB Single Bulk Bag
	5	-9.75	P3 222/Flat Single Open End	E EPDM	
	10	-10	P6 Self-Seal/Spring on one end	V Viton	
	20	-19.5	P7 226/Fin Single Open End	T Teflon endcap	
	30	-20	P8 222/Fin Single Open End	Viton (O-Rings only)	
	50	-29.25	PX Extended Core	N None	
	75	-30	N None (Cut ends)		
		-39	DBG Direct Bond Santoprene Gaskets		
		-40			
		-50			

Vulcostar Clear DF MFB – Flow Rate



All information and recommendations appearing in this bulletin concerning the use of products described herein are based on tests believed to be reliable. However, it is the user's responsibility to determine the suitability for his own use of such products. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Vulcascot as to the effects of such use or the results to be obtained. Vulcascot assumes no liability arising out of the use by others of such products. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

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