



Graver Technologies

Filtration | Separation | Purification

MBF™ Melt Blown Filter Series

Melt Blown Filters

An economical, disposable, filter element that can be used in a wide range of applications. The MBF depth filter is constructed of 100% polypropylene media for chemical compatibility with a variety of process fluids.

Filter Features-Benefits

- Available in nominal ratings from 1 to 75 microns
- Graded pore construction for long on-stream life
- Melt blown media resists dirt unloading as differential pressure increases
- Non-shedding, fibrous center core
- High dirt holding capacity
- FDA listed polypropylene media
- Economical depth filtration
- Thermal bonded endcaps optional
- Free of binders, adhesives and surfactants

Applications

- Food & beverage
- Aqueous solutions
- Chemicals
- Blowdown post filter
- Wastewater
- Rad waste
- Magnetic tape coatings
- RO Prefilters
- Ink

Filter Specifications

Media:	Polypropylene
End caps:	Polypropylene
Gaskets/O-Rings:	Silicone, Viton, EPDM, Buna-N
Micron ratings:	1, 3, 5, 10, 20, 30, 50, 75µm

Dimensions and Operating Parameters

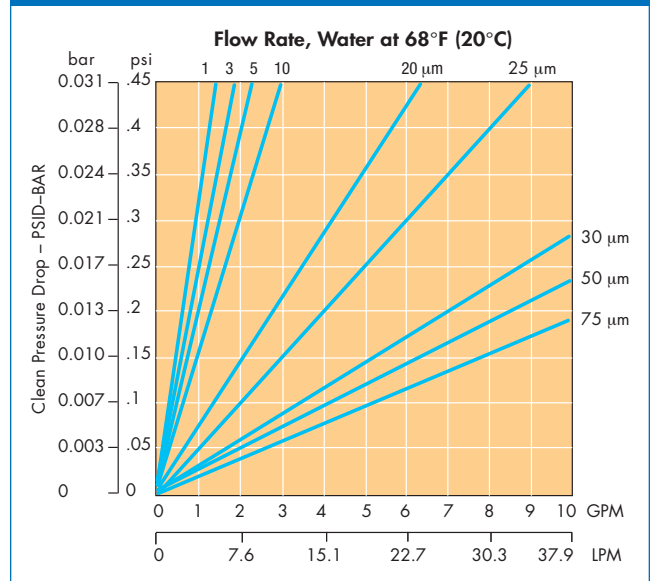
Typical nominal lengths:	9.75", 10", 20", 30", 40" (24.8, 25.4, 50.8, 76.2, 101.6 cm)
Other lengths available	
Outside diameter:	2.5" (6.35 cm)
Inside diameter:	1.0" (2.54 cm)
Maximum differential pressure:	50 psid @ 70 °F (3.45 bar @ 21°C) 25 psid @ 140 °F (1.72 bar @ 60°C)
Recommended change-out pressure for disposal:	35 psid (2.4 bar)

FDA listed materials

All polypropylene material used in manufacturing complies with the regulations of the Food and Drug Administration (FDA) title 21 of the Code of Federal Regulations Sections 174.5, 177.1520, and 177.1630, as applicable for food and beverage contact.



MBF FLOW RATE VS PRESSURE DIFFERENTIAL



MBF Nomenclature Information				
MBF	10	-20	N	N
Filter Type MBF Series Filters		Nominal Length (inches) -9.75 -10 -19.5 -20 -29.25 -30 -39 -40		Gasket or O-Ring S Silicone B Buna-N E EPDM V Viton T Teflon encap. Viton (O-Rings only) N None
Retention Rating (microns) 1 3 5 10 20 30 50 75			End Configuration P Double Open End (hard endcaps) P2 226/Flat Single Open End P3 222/Flat Single Open End P6 Self-Seal Spring on One End P7 226/Fin Single Open End P8 222/Fin Single Open End PX Extended Core N None (Cut ends)	

Example: MBF 10-20 NN

For more information

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