

MBG Series

High Efficiency Grooved Meltblown Sediment Cartridges



Commercial / Industrial Filtration Applications

STANDARD FEATURES

- Spun bonded 100% polypropylene for economical and efficient filtration
- High dirt-holding capacity and high level of chemical compatibility
- Reduces sediment, dirt and rust particles
- No glues or additives which could foam, discolor, or cause other undesirable effects for drinking water applications
- Grooves create increased surface area for higher dirt holding capacity and longer cartridge life
- 4-1/2" diameter graded density pore structure provides true depth-style filtration for higher dirt-holding capacity
- Tested and certified by NSF to NSF/ANSI Standard 42 for material safety only
- 85% efficiency or better

PRODUCT SPECIFICATIONS

Micron Ratings

1, 5, 20, 50 microns

Nominal Lengths

9-7/8", 20", 30", and 40"

Outside Diameter

2-1/2" and 4-1/2" OD

Temperature Rating

40°F – 150°F (4.4°C – 65.6°C)*

Max Operating DP

29psi@70°F

Materials of Construction

Filter Media: 100% Polypropylene

Note:

2-1/2", 4-1/2" OD by 9-7/8" L and 20" L cartridges are wrapped
30" and 40" L cartridges are not wrapped

*Temperature ratings vary and depend on pressure and time under load



NSF
COMPONENT
Tested and certified by NSF International against NSF/ANSI Standard 61 Section 9 for material safety and structural integrity only.

Applications

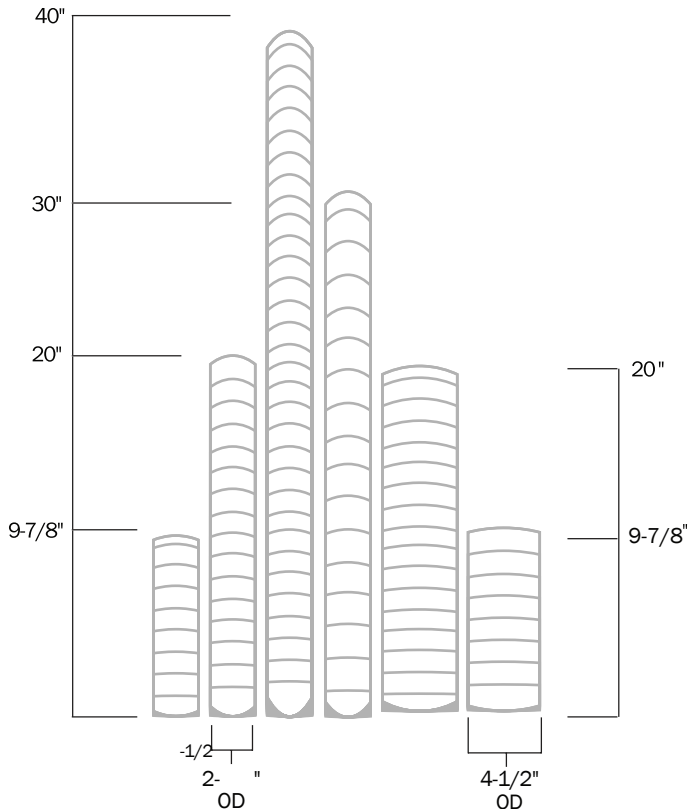
- 1 Component Wash Fluids
- 2 Coolants
- 3 Cutting Fluids
- 4 Fuels
- 5 Light Oil
- 6 Aqueous Solutions
- 7 Water
- 9 Water Glycols
- 10 Mineral and Synthetic Oils
- 11 Lubricants
- 12 Solvents

Ordering Guide (Example: MB-25098-05W-222FL-S)

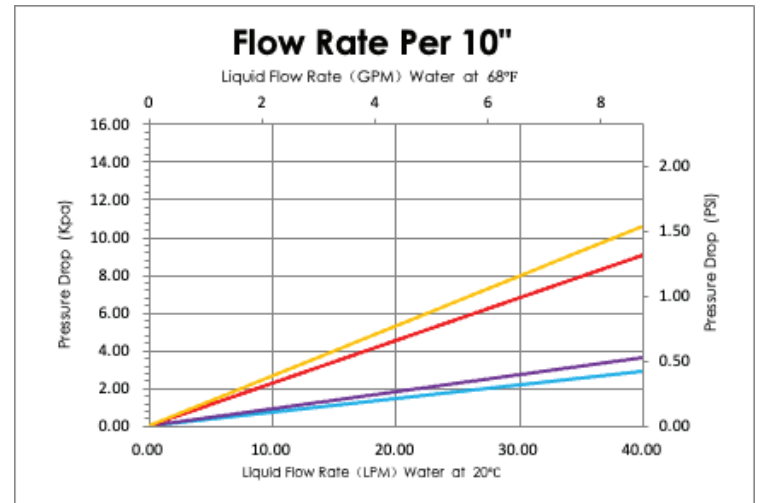
SERIES	DIAMETER	NOMINAL LENGTH	MICRON RATING	WRAPPING	END CAP	SEAL
MB = Meltblown	25 = 2.5"	098 = 9-7/8"	S5 = 0.5	Blank = Not Wrapped*	Blank = DOE (Standard)	B = Buna N
MBG = Grooved Meltblown	45 = 4.5"	200 = 20"	01 = 1	W = Wrapped	222FL = 222/Flat	E = EPDM
MBMX = Microgrooved Meltblown with Core		300 = 30"	05 = 5		222FN = 222/Fin	
MBMG = Microgrooved Meltblown		400 = 40"	10 = 10		222S = 222/Spring	S = Silicone
MBX = Meltblown with Core		500 = 50"	20 = 20		226FL = 226/Flat	
MBGC = Meltblown Grooved with End Caps			50 = 50		226FN = 226/Fin	T = Teflon
			75 = 75		226S = 226/Spring	
			100 = 100	SOEFL = SOE/Flat	V = Viton	
				SOEFN = SOE/Fin		
				SOES = SOE/Spring		
					222D = 222/Domed	
					CEXT = Extended Core	

* 9-7/8 and 20" filters are wrapped (standards). 30" and longer are not wrapped (standard).

Dimensions



Pressure Drop Information



Available End Cap Configurations



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Questions?

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