

Melt-blown media with graded density for superior dirt-holding capacity

An economical, melt blown filter element that can be used in a wide range of applications. The Melt-blown depth filter is constructed of 100% polypropylene media for chemical compatibility with a variety of process fluids. The molded core prevents collapse even at elevated temperatures.



Technical data

Material: Polypropylene

End caps/ Inner core: polypropylene

Gaskets /O-Rings: Buna-N, EPDM, Santoprene Silicone, Teflon Encapsulated Viton (only O-Rings), Viton

Micron rating: 1, 3, 5, 10, 20, 30, 50, 75 µm

Dimensions

Nominal lengths:

9.75"	10"	20"	30"	40"
24.8	25.4	50.8	76.2	101.6cm

(Other lengths available)

Outer diameter:

2.5" (6.35 cm),
2.63" (6.7 cm) End capped

Inner diameter: 1.0" (2.54 cm)

Operating parameters

Maximum differential pressure:

150 psid @ 68°F (10.3 bar @ 20°C)
90 psid @ 150°F (6.2 bar @ 66°C)
35 psid @ 176°F (2.4 bar @ 80°C)

Recommended change-out pressure:

35 psid (2.4 bar)

FEATURES

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

APPLICATION

- | | |
|------------------------|---------------------|
| • RO Prefilters | • Radwaste |
| • Wastewater | • Aqueous solutions |
| • Chemicals | • Inks |
| • Blowdown post filter | |

BENEFITS

- Advanced production process for great quality
- Wide range of materials for gaskets and o-rings to ensure process compatibility
- Different lengths to ensure proper sizing
- Technical support
- Quick deliveries

Ordering code MBN

MBN

10

30

P3

V

SERIE TYPE:

MBN

MICRON RATING:

1	1 µm	20	20 µm
3	3 µm	30	30 µm
5	5 µm	50	50 µm
10	10 µm	75	75 µm

CARTRIDGE LEGTH:

5	5 in (127 mm)
9.75	9.75 in (248 mm)
10	10 in (254 mm)
19.5	19.5 in (495mm)
20	20 in (508 mm)
29.25	29.25 in (743mm)
30	30 in (762 mm)
39	39 in (991mm)
40	40 in (1020 mm)

END CAPS

P	Double Open End
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 En
PX	Extended core
N	None (Cut ends)
AM	Single Open End, Internal O-ring
DBG	Direct Bond Santoprene Gaskets

GASKET OPTION

B	Buna-N
E	EPDM
S	Silicone
T	Teflon encap. Viton (O-Rings only)
T	Teflon Gasket
V	Viton

