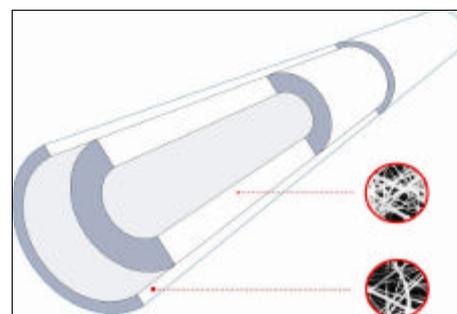
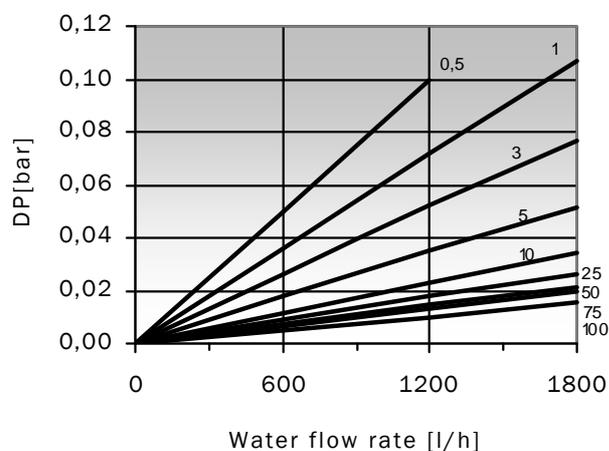


MBN series melt-blown cartridges

The MBN series cartridges are clarifier elements but where filtration is occurring throughout depth of element. The chemical stability of the media permits the use of MBN series cartridge in a wide range of critical application even with corrosive chemicals. The use of pure polypropylene, permits the total incineration of the spent cartridges. The graded density structure of the media is designed with a low fiber density on the filter surface with progressively higher density toward the center. The incompressible filter media maintains a high porosity throughout service life, combined with a high void volume. This configuration guarantees very high service life time while prohibiting contaminant unloading, even under pressure pulse.

CHARACTERISTICS

- 100% pure polypropylene.
- Excellent chemical stability.
- Surfactant, binder and adhesive free construction.
- High dirty-loading capacity and extended service life.
- Graded density filter matrix.
- Very stable pore size.
- Very high void volume media.
- Non-fiber releasing.
- Resists to contaminant unloading even at high ΔP .
- Ten removal rating available.



Flow rate for 10" element.

For 0.5 and > 100 μm cartridges please check with ASCO Filtri.

For liquids other than water multiply ΔP by fluid viscosity in cP.

MAIN APPLICATIONS

Resins, varnishes, organic and inorganic acids, inks, coatings, magnetic coating, photo emulsion, latex, plating solution. Deep well injection, demi water, make-up water. Deionized water, vial rinsing water, R.O. membrane protection, isotonic solution. Amine, gasoline, lubricating oils, glycol, additives, process fluids. Edible oils, wine, beer (resin trap), fruit juice, syrups, vinegar, soft drinks. Shampoo, perfumes, mouthwash, detergents, lotions, solvents.

MBN series melt-blown cartridges

PRODUCT SPECIFICATION

Retention ratings

0.5, 1, 3, 5, 10, 20, 50, 75, 100, 150, μm
Other filtration ratings upon request.

Max operating conditions

Differential pressure: 4.2 bar @ 20 °C
Max. continuous temperature: 80 °C

Construction materials

Filter media: Polypropylene
End caps: Polypropylene
Outer cage: Polypropylene (if required)
Extended core: Polypropylene
End & side seam: Thermally bonded
Gaskets: Buna-n, EPDM, Silicone, Viton, Natural rubber, PTFE

Materials certificated by NSF42 and FDA CFR Title 21.

Dimensions

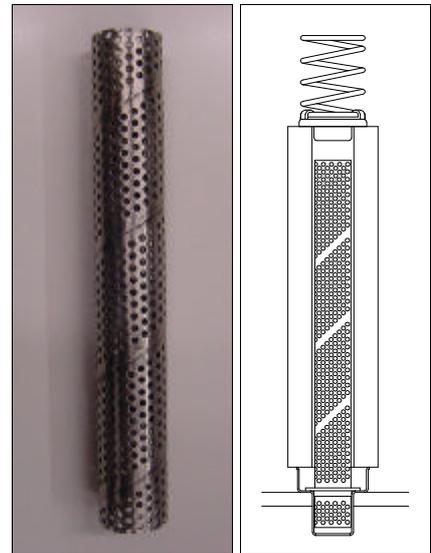
Length: 254 508 762 1016 mm
Outer diameter: 63 mm
Inner diameter: 28 mm

Accessories

STEELCORE

Permanent inner core suitable for increase ΔP and operating temperature for synthetic fiber cartridges.
Eliminates the needs for extended core cartridges.

Material: AISI 316 SS
Max. ΔP : 12 bar @ 20 °C



ORDERING INFORMATION

MBN	P	010	-	20	V	8	G
	FILTER MEDIA	FILTRATION RATING		LENGTH	GASKETS	END CAPS	OUTER CAGE
P Polypropylene	0.5	0.5 μm	10	10"	NO	NO - IND.L CUT ENDS	NO
	001	1 μm	20	20"	N Buna-n	0 DOE	G Cage
	003	3 μm	30	30"	E EPDM	3 SOE - OR 222/FLAT END	N Net
	005	5 μm	40	40"	R Natural rubber	6 SOE - OR 226/FLAT END	
	010	10 μm			S Silicone	7 SOE - OR 226/FIN END	
	020	20 μm			V Viton	8 SOE - OR 222/FIN END	
	050	50 μm			T PTFE [1]	9 SOE - OR 225/FIN END	
	075	75 μm			P PE [2]	X EXTENDED CORE	
	100	100 μm					
	150	150 μm					

1] Available only in DOE configuration.
2] Polyethylene thermo welded gasket.



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