

Filter Cartridges DMBN



Features

- Wide filtration range from 1 μ up to 150 μ
- Nominal filtration efficiency evaluated at 95 % (Beta 20)
- Different sizes, asymmetric position of the pores and multi-layer filtration structure increase the dust absorption of the cartridge.
- Large filtration area, long service life, minimised maintenance costs
- Cartridge sealing adapted to filtration of different media.
- High chemical and biological resistance.
- Food grade cartridges.

Applications

- Filtration of electrolytic baths
- Chemical products
- Oils
- Petrochemicals
- Sewage treatment

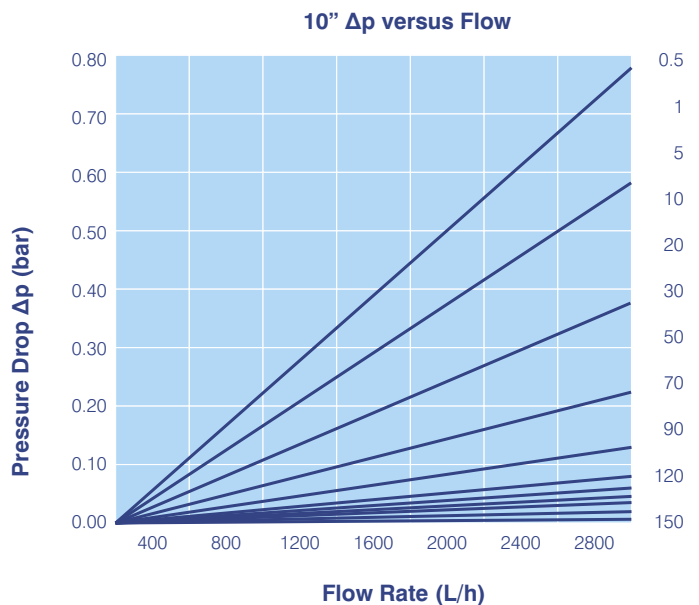
Meltblown Nominal Cartridges

Dorsan® Meltblown class nominal filter cartridges are made of polypropylene.

Thanks to unique technology of production the cartridges ensure filtration efficiency level of 95% (Beta 20) for particle sizes encoded in the identification markings.

These filters are manufactured fusing and intertwined of polypropylene resin without any chemical glues. The cartridges are glued at random to form 3D micro pore which will make the cartridge 3 layers with fine fibers in surface and coarse fibers and deep filtration.

The porosity of the layer varies in such a way as to minimise pressure drop and maximise cartridge absorption.



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Meltblown Filter Cartridge specifications. Nominal Grades.

	Pore Size μm	D	Length"	E	Configurations	O-Rings/Gaskets	Core PP	Big Blue
DMBN	1	D	10	E	Blank = DOE	B = Buna-N	C	BB
	3		20		1 = DOE Flat Gasket	S = Silicone		
	5		30		2 = 222 w/Flat Cap	P = Polyfoam End Gaskets		
	10		40		3 = 222 w/Fin	E = EPDM		
	20		50		6 = 226 w/Flat Cap	V = Viton®		
	30				7 = 226 w/Fin			
	50							
	70		90					
			120					
			150					

Dimensions

Inner Diameter: 28mm

Outer Diameter: 64mm

Lengths: 5" (127mm), 7" (178mm), 9,75" (248mm), 10" (254mm), 19,5" (495mm), 20" (508mm), 29,25" (741mm), 30" (762mm), 39" (991mm), 40" (1016mm), 50" (1270mm), 60" (1524mm)

Material of Construction

Filter Medium: 100% Polypropylene

Core: 100% Polypropylene / Stainless Steel

O-rings: VMQ / EPDM / NBR / VITON / FEP/FPM

Filtration Performance: 1 μm , 3 μm , 5 μm , 10 μm , 20 μm , 30 μm , 50 μm , 70 μm , 90 μm , 120 μm , 150 μm

Maximum conditions of use

Max. Application Temperature: - 80°C

Inst. Application Temperature: -120°C

Max. Working Pressure: 6 bar

Max. Differential Pressure: 2.5 bar

Sample end types and key dimensions

