

Filter Cartridges DMBA



Meltblown Absolute Rating

Dorsan® Meltblown class absolute filter cartridges are made of extruded polypropylene fibers.

Thanks to unique technology of production the cartridges ensure filtration efficiency level of 99,98% for particle sizes encoded in the identification markings.

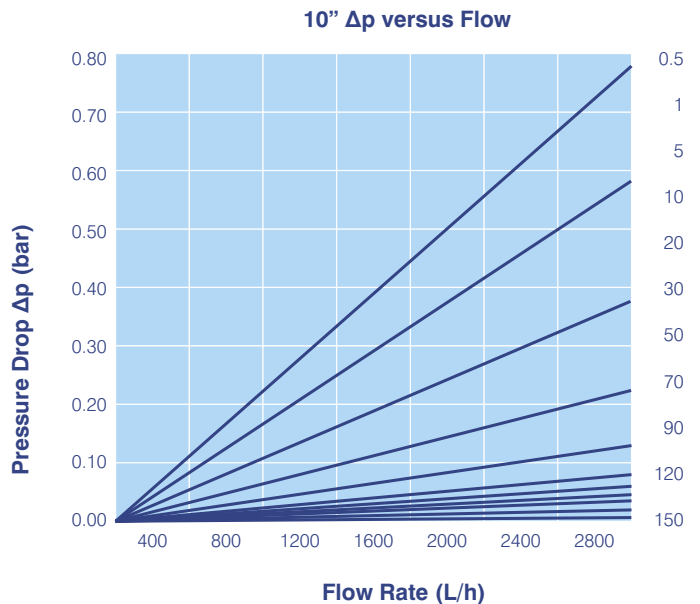
These cartridges consist of two layers of fibres wound on a polypropylene core. The outer layer serves as a pre-filter, and the inner layer acts as a final filter. This also applies to the filters with filtration performance from 0,5µ to 150µ.

Features

- Wide filtration range from 0.5µ up to 150µ.
- Absolute filtration efficiency evaluated at 99.98% (Beta 5000).
- 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 costs.
- Cartridge sealing adapted to filtration of different media.
- High chemical and biological resistance.
- Food grade cartridges.

Applications

- Chemical Industry
- Pharmaceutical Industry
- Production of Mineral Water
- Cosmetic Industry
- Food Industry
- Manufacture of Paints and Varnishes



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Meltblown Filter Cartridge Specifications. Absolute Grades.

	Pore Size μm	D	Length"	E	Configurations	O-Rings/Gaskets	Core PP	Big Blue
DMBA	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)

Material of Construction

Filter Medium: 100% Polypropylene

Core: 100% Polypropylene / Stainless Steel

End Caps: 100% Polypropylene

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

Filtration Performance: 0,5 μm , 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

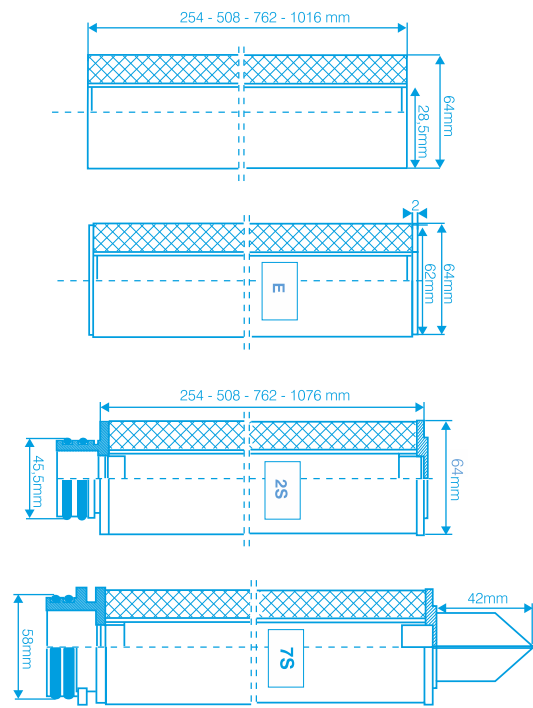
Max. Application Temperature: - 80°C

Inst. Application Temperature: -120°C

Max. Working Pressure: 6 bar

Max. Differential Pressure: 0.8 bar

Sample end types and key dimensions



DORSAN[®]
LIVING FILTRATION

Note. We reserve the right to change these informations without any previous notice.

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