

Melt blown filter cartridges are manufactured from thermally bonded microfibers layered onto a resilient center core. Fibers are blown continuously onto a central support core, with fiber diameters controlled to produce different pore sizes throughout the extrusion process.

This process is carried out without the need for binders, resins or lubricants.

Melt blown filters offers high flow rates, low pressure loss, high dirt holding capacity and long life.



### FEATURES AND BENEFITS

- Micron rating from 0.5 to 200µm
- Materials meet the FDA and EC requirements for processing food & beverage products
- Available in a comprehensive range of end cap configurations for retrofitting existing applications. End cap welded direct to the core for extra security and strength
- One piece construction up to 60" - 1524mm
- Available in absolute range (99.98% efficiency) or nominal rated
- Wide chemical compatibility
- Typical applications: Food and beverage (Bottled water, beers, wines, ), pharmaceutical industries (pre filtration and clarification), fine chemicals (solvents, acids, ...), water treatments, metal finishing and petrochemicals industries

### TECHNICAL SPECIFICATIONS

#### CARTRIDGE DIMENSIONS

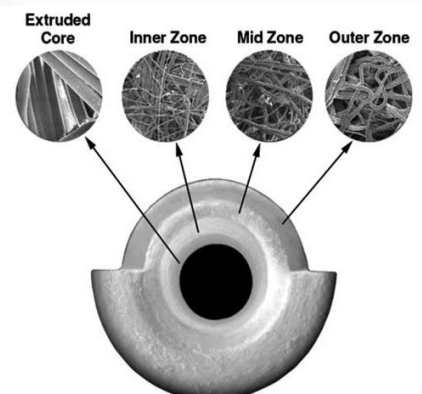
- |                   |              |                           |                           |              |
|-------------------|--------------|---------------------------|---------------------------|--------------|
| • Outer diameter: | 63mm / 2.5"  | 114mm / 4.5"              | (*) Other sizes available |              |
| • Inner diameter: | 28mm / 1.10" | (*) Other sizes available |                           |              |
| • Length:         | 10" - 254mm  | 20" - 508mm               | 30" - 762mm               | 40" - 1016mm |

#### MATERIALS OF CONSTRUCTION

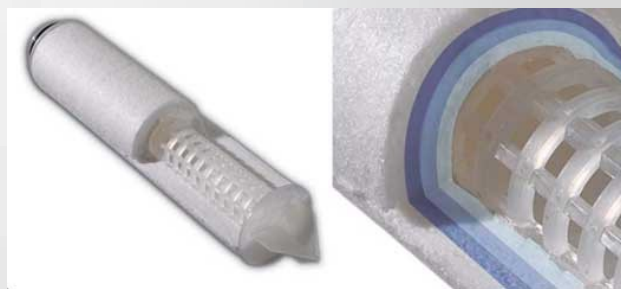
- Filter media: Polypropylene
- Inner core: Polypropylene or coreless
- End caps: Polypropylene

#### EFFECTIVE FILTRATION AREA (EFA)

- 0.40m<sup>2</sup> / 4.3ft<sup>2</sup> per 10" / 254mm



OPERATING CONDITIONS	
Normal Operating Temperature	Up to 50°C / 122°F
Maximum Operating Temperature	80°C / 149°F at $\Delta P \leq 1.0\text{bar} / 14\text{psi}$
Maximum Differential Pressure	4.0bar / 58psi at 25°C / 77°F 2.0bar / 29psi at 25°C / 77°F
pH Value compatibility	1 - 13
Sterilization	Not recommended



## ORDERING INFORMATION

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MEDIA	CORE	EFFICIENCY	LENGTH (*)	MICRON (*)	END CAP (inf)	END CAP (sup)	GASKETS	END CAP INSERT	
P - Polypropylene	P - Polypropylene	N - Nominal	10 - 10"/254mm	0.5 - 0.5µm	A - DOE no Gaskets	A - DOE no Gaskets	S - Silicone	(Blank) - No insert	
N - Nylon	4 - Inox. 304	A - Absolute	20 - 20"/508mm	001 - 1µm	B - DOE with Gaskets	B - DOE with Gaskets	E - EPDM	G - Glass Fiber	
	6 - Inox. 316		30 - 30"/762mm	005 - 5µm	C - 226	F - Flat		S - St.St.	
	(blank) - No core		40 - 40"/1016mm	010 - 10µm	D - 222	S - Spear			
				020 - 20µm					

\* Other sizes available

\* Other microns available