

OPTISPUN / OPTIMELT

POLYPROPYLENE FILTER CARTRIDGE

PP melt blown filter cartridge or PP spun water filter, PP filter cartridge is the most widely used filtration consumable products in domestic and industrial water treatment projects. The PP melt blown filter cartridges are constructed by 100% pure virgin polypropylene fiber, providing broad wide chemical compatibility. With innovated graded pore structure, it can provide effective particle retention.

HQ Optimal PP Spun water filter contains no binder, glue or any other additive, just pure PP structure. With years of experience, we are able to custom for you special PP melt blown cartridge filters with varied specifications like groove, orange peel and hairy surface finish or equipped with different SOE/DOE end caps. Materials meet the FDA and EC requirements for processing food & beverage products.

Available in absolute range (99.9% efficiency) or nominal rated.



Features of OptiMelt Melt Blown Cartridge:

- Spun bonded 100% PP for economical and efficient filtration
- High dirt holding capacity
- Lower pressure drop operating
- Great chemical compatibility
- Graded density pore size structure
- No glues or any additives
- Gram weight customize

Applications of OptiMelt Melt Blown Cartridge:

Food and beverage, pharmaceutical industries, fine chemicals, aqueous solutions, cutting fluids, components wash fluids, water treatments, coolands, pre-filtration of RO/DI, sea water pre-filtration before RO, metal finishing and petrochemicals industries .

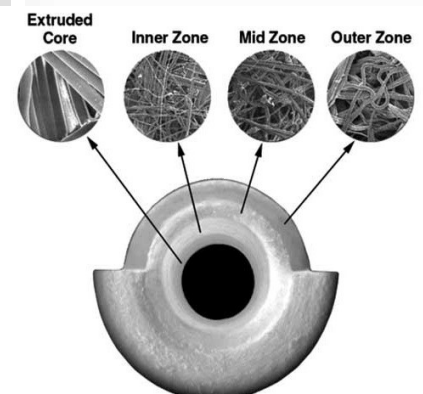
TECHNICAL SPECIFICATIONS

CARTRIDGE DIMENSIONES

- 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

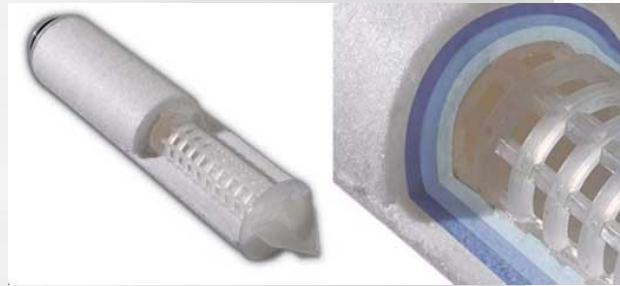
MATERIALS OF CONSTRUCTION

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



OPERATING CONDITIONS

Maximum Operating Temperature	80°C / 149°F at $\Delta P \leq 1.0\text{bar} / 14\text{psi}$
Maximum Differential Pressure	4 bar a 20°C



ORDERING INFORMATION

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

* Other sizes available

* Other microns available

DISTRIBUIDO POR:



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