

This multi-layer cartridge is an all-polypropylene pleated depth filter cartridge.

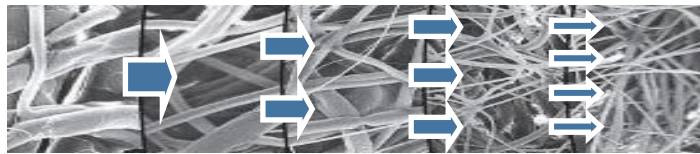
The design adopts depth filter technology for a grade pore size, higher dirt holding capacity, avoids filter surface jams, and eliminates high viscosity contaminants (gels and agglomerates).

The graded pore size distribution from coarse (upstream) to fine (downstream) which removes particles gradually and extends the filter's service life making it especially suited for high suspended particles, colloids and viscous liquids.



FEATURES AND BENEFITS

- Micron rating range from 0.5µm to 40µm with 99% efficiency
- Media constructed of 5-7 layers with a larger pore size on the upstream and a smaller pore size on the downstream. This enables additional particle loading and high dirt holding capacity



- Multi-layer fiber media eliminates particles according to pore size distribution and significantly increases lifetime
- Excellent removal of contaminant capabilities, including gels and agglomerates
- Superior chemical compatibility
- Manufactured under a quality management system certified to ISO 9001:2000
- All components materials meets the requirement for food contact detailed in European Regulation (EC) N°1935/2004 and (EU) N° 10/2011

TECHNICAL SPECIFICATIONS

CARTRIDGE DIMENSIONS

- Outer diameter: 71mm / 2.67"
- Length: 5" - 127mm 10" - 254mm 20" - 508mm 30" - 762mm 40" - 1016mm

MATERIALS OF CONSTRUCTION

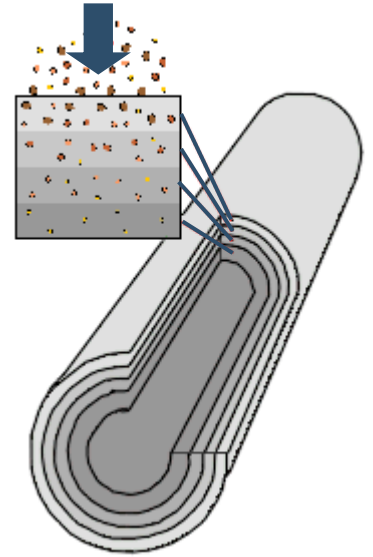
- Filter media: Multi-layer Polypropylene
- Support layers: Polypropylene
- Core/Cage/End Caps: Polypropylene
- End cap insert (optional): Stainless steel 316L, PBT
- Standard O' ring/gaskets: Silicone, EPDM, Viton

EFFECTIVE FILTRATION AREA (EFA)

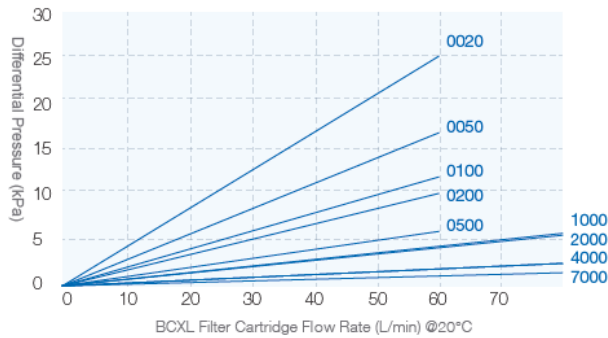
- ≥ 0.23m²

OPERATING CONDITIONS

Maximum Operating Temperature	80°C
Maximum Differential Pressure	6.9 bar (100 psi) at 25 °C 2.4 bar (35 psi) at 80 °C
Steaming Sterilize	Can be steam sterilized 20 cycles for 30 minutes at 125 °C (< 0.3 bar, 5 psi)
Flow Hot Water Sterilize	85°C / 30min. with 50 cycles



Flow Rate Characteristics



ORDERING INFORMATION

GRADE	LENGTH	MICRON	END CAP (inf)	END CAP (sup)	GASKETS	END CAP INSERT
P - Pharmaceutical	05 - 05"/127mm	0.50 - 0.5µm	B - DOE with Gaskets	B - DOE with Gaskets	S - Silicone	(Blank) - No insert
F - Food & Beverage	10 - 10"/254mm	001 - 1µm	C - 226	F - Flat	E - EPDM	P - PBT
	20 - 20"/508mm	003 - 3µm	D - 222	S - Spear	V - Viton	S - St. St.
	30 - 30"/762mm	005 - 5µm	E - 222 Sartorius (3 tabs)			
	40 - 40"/1016mm	010 - 10µm	J - Junior 214			
		020 - 20µm	K - Junior 216			
		040 - 40µm				

DISTRIBUIDO POR:



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