

Polypropylene Meltblown Filter Cartridges



Product Information

Our cartridges are 100% made of high purity polypropylene resin, which is ideal for general particle reduction applications. It's easy and safe to incinerate or dispose used cartridges. The cartridges are manufactured by a high-tech melt-blowing machine results in a consistent quality and graded pore structure. Its graded pore structure enhances dirt holding capacity and filtration efficiency. In addition, our filter cartridges are free of surfactants, binders and adhesives. It has an excellent advantage of non-fiber releasing, which indeed delivers superior performance.

- Materials are FDA graded
- Manufactured under a certified ISO 9001 quality system

Product specification

Materials of Construction

- Filter Media: Melt Blown Polypropylene
- End Caps: Polypropylene
- Gaskets/O-rings: PE Gaskets, Silicone, Buna-N, EPDM, Viton

Dimensions

- Outside Diameter: 2.5" (63mm)
- Inside Diameter: 1.1" (28mm)
- Lengths: 10", 20", 30", 40", 50"

Performance Specifications

Retention Rating

0.5, 1, 3, 5, 10, 20, 25, 30, 50, 75, 100

Operating Conditions

- Maximum Operating Differential Pressure:
50 psid (3.45 bar) @ ambient
25 psid (1.72 bar) @ 140°F (60°C)
- Maximum Operating Temperature: 140°F (60°C)
- Recommended Change Out Differential Pressure:
35 psid (2.4 bar)

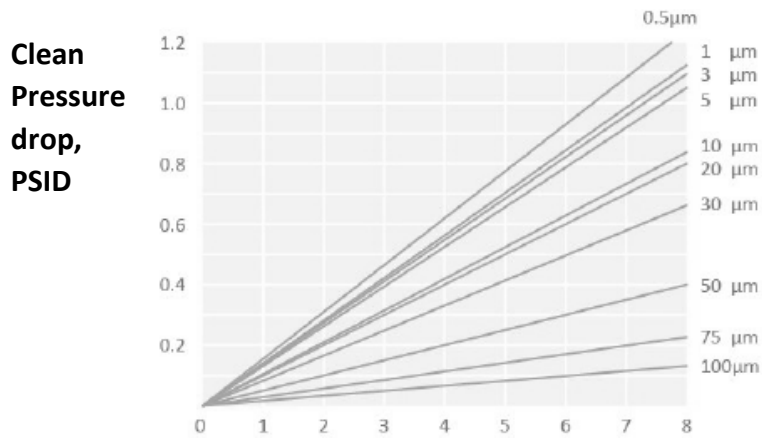
FDA Listed Materials

Manufactured from materials which are FDA listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations

Purity

All Filter Smith filter cartridges are free of surfactants, anti-static agents, binders and adhesives."

Liquid Flow Rate vs. Initial Difference Pressure



Flow Rate, GPM, Water@AMB.

Flow rate is per 10" cartridge. For liquids other than water, multiply the pressure drop by the fluid viscosity in centipoises

Ordering Information

PRS	5-	20-	3	E
Product Name	Retention Rating	Cartridge Length	End Configuration	Gasket/O-ring Material
FS-CCPPA	0.5, 1, 3, 5, 10, 20, 30, 50, 75, 100 µm	10" 20" 30" 40" 50"	PE=PE Gaskets No Symbol=DOE Code 3=222 / Flat Code 8=222 / Fin Code 7=226 / Fin, Bayonet	N=Buna-N E=EPDM V=Viton S=Silicone