

FIBERFLO™ MICROFIBER DEPTH CARTRIDGE FILTERS

MICROFIBER

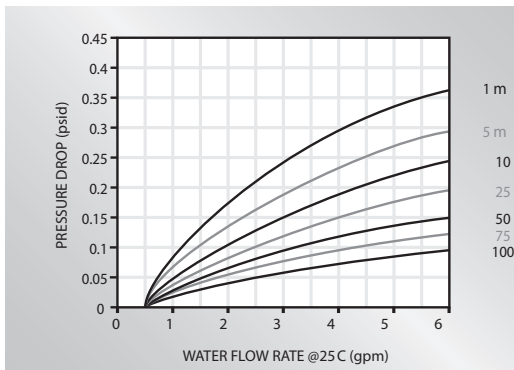
The FiberFlo Microfiber cartridge filters offer increased dirt holding capacity, long service life, low initial pressure drops, maximum throughput and comprehensive selection of pore sizes. The unique manufacturing process gives them superior structure. The polypropylene microfiber is suitable for potable water filtration, food processing applications, along with a variety of industrial chemicals.

Features

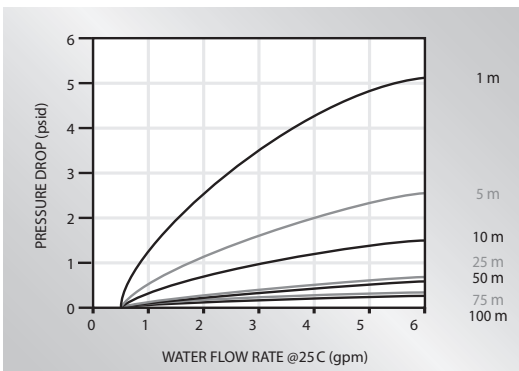
- Greater void volume than resin bonded or wound cartridge.
- Homogeneous high purity media. Fibers free of residual extrusion oils, surfactants, antistatic agents and resin binders.
- Fibers thermally bonded — dimensionally stable filter media.
- Stratified pore structure allows separation of solids along a size gradient.
- Hydrophobic media.
- High efficiency media.
- Easily ground into powder or incinerated.

Benefits

- Increased dirt holding capacity. Longer service life. Lower initial pressure drop.
- Meets FDA requirements for food contact. Will not cause foaming in process stream.
- Reduced fiber migration. Micron rating not altered as differential pressure increases. Rigid, highly porous cartridge does not require a support core.
- Results in particle entrapment throughout depth of media reducing surface blinding and increasing dirt holding capacity.
- Filter will absorb undissolved and non-emulsified oil out of liquid, air or gas streams.
- Will filter out large percentage of contaminant on a single pass. Not dependent on the filter “cake” to improve particle retention.
- Reduced waste volume.



TYPICAL WATER FLOW RATE
per 10-inch (25 cm) micro-fiber cartridge -X no end caps



TYPICAL WATER FLOW RATE
per 10-inch (25 cm) micro-fiber cartridge with end caps

Specifications

Micron Ratings

1, 3, 5, 10, 25, 50, 75, 100, and 150

Lengths (in inches)

9-3/4, 10, 19-3/4, 20, 29-3/4, 30, and 40

Differential Pressure

Maximum: 35 PSIG

Recommended Change Out: 15 PSIG

Initial: 1-3 PSIG

Operating Temperature

Maximum Continuous: 200°F

O-Ring or Flat Gasket Material

Silicone, VITON®, Buna-N, EPR, Neoprene

Compliance of polypropylene Microfiber Cartridges

Polypropylene microfiber media, using a base homopolymer resin, is in compliance with the appropriate guidelines outlined by the U.S. Food and Drug Administration. Meets FDA requirement outlined in the CRF, Title 21, Section 177.1520 (a), (1) and Section 177.1520 (c), (1.1).

Cartridges with and without end caps are certified by the NSF International under ANSI/NSF Standard 42 for replacement parts.

Cartridges meet the requirement of the USP Class VI plastics test as demonstrated by USP Biological Reactivity Tests, In Vivo.

End-Fitting Options

End Fitting Options:	
Description	Code
SOE-222 O-Ring/Solid End Cap	A
SOE-222 O-Ring/Fin	B
SOE-226 O-Ring/Fin	C
DOE-Flat Gasket/Flat Gasket	D
DOE -Standard (X Model)	X