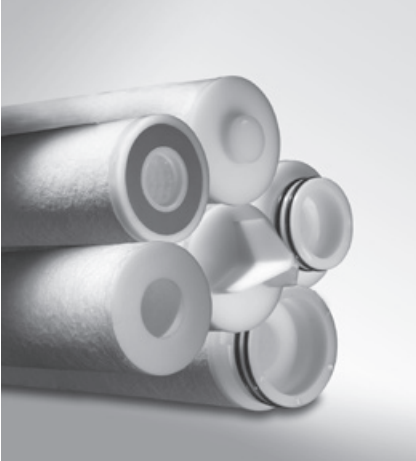


# FIBERFLO™ DEPTH CARTRIDGE FILTERS

## MICROFIBER - HIGH PERFORMANCE



The FiberFlo FMHP Microfiber Filter Cartridges are highly porous prefilters with a graded pore structure. Particles are captured throughout the depth of the polypropylene media. The coarse filtration layers on the outside of the filter are designed to entrap larger particulates without prematurely binding the filter medium. High efficiency fine particle retention takes place in the absolute filtration layers located near the core. This unique design results in a high capacity for dirt loading, low pressure drops, high flow rates and long service life.

With high performance filtration down to 1 micron, FMHP cartridges are ideal for high purity applications in the pharmaceutical, biotech, medical, dialysis, food and beverage, and other industries desiring high performance filtration.

FiberFlo FMHP cartridges are composed of continuous length polypropylene microfibers that are thermally bonded to each other with no bonding resins or adhesives. The microfibers surround a polypropylene core that gives the FMHP filters exceptional strength. The FMHP cartridges are highly resistant to collapse, channeling, and bypass which can result from high differential pressures, pulsating flow, or pressure surges.

### Features

- Thermally bonded microfibers formed into a highly porous and rigid seamless tube with fixed-size pores.
- 100% polypropylene microfiber construction for exceptional cleanliness, low total organic carbon (TOC) content and a fast rinse-up in 18 megohm D.I. water for applications with stringent cleanliness requirements.
- No foaming because pure polypropylene microfibers have no extrusion oils, surfactants or antistatic chemicals.
- The FMHP cartridges are extremely resistant to collapse, channeling and bypass. The filter medium will not compress and unload trapped contaminants.
- The hydrophobic surfaces absorb oil from air, gas and aqueous streams.
- FMHP cartridges meet FDA regulations for food contact under the Code of Federal Regulations, title 21, section 177.1520.
- Available with a variety of end fittings and sealing options (SOE/DOE) and O-ring or flat gaskets, for bypass-free filtration.

### Specifications

Standard Cartridge Dimensions:

Available in nominal lengths of 10, 20, 30 and 40",  
2.5" outside diameter.

Micron Ratings:

1, 3, 5, 10, 25.

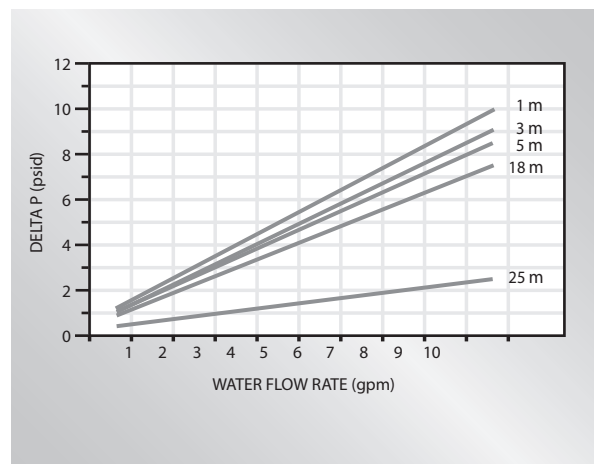
Suggested Differential Pressures:

35 PSIG Maximum

15 PSIG Optimum Change-Out Pressure Drop

Operating Temperature:

200°F max. Continuous



FMHP WATER FLOW VS. PRESSURE DROP

### 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