

# FIBERFLO™ PLEATED DEPTH CARTRIDGE FILTERS

## POLYPROPYLENE

The FiberFlo Polypropylene depth cartridge filters offer increased dirt holding capacity, long service life, stratified pore structure, homogenous high purity media, and are manufactured using rigorous quality standards. The polypropylene pleated filter is suitable for general water filtration, chemical filtration, and Reverse Osmosis (RO) and Deionization (DI) feedwater filtration.

### Features

- High surface area.
- Homogeneous high purity media. Fibers free of residual extrusion oils, surfactants, antistatic agents and resin binders.
- Stratified pore structure allows separation of solids along a size gradient.
- Rigorous quality standards for polypropylene selected.

### Benefits

- Increased dirt holding capacity. Longer service life.
- Meets FDA requirements for food contact.
- Results in particle entrapment throughout depth of media reducing surface blinding and increasing dirt holding capacity.
- Exhibits very low protein binding characteristics. Meets USP XXI Class VI Plastics Tests as well as tests for cytotoxicity, hemolysis and pyrogenicity.

### Specifications

Filter Media: Pleated Polypropylene Depth Media  
 Membrane Support, Core Tube, Sleeve, End Caps: Polypropylene  
 O-Ring: Silicone  
 O-Ring Color: Red  
 Max. Differential Pressure at 68°F (20°C):  
 Forward: 50 psi (3.4 bar)  
 Reverse: 40 psi (2.7 bar)  
 Operating Temperature: Maximum 180°F (82°C) at 10 psi (0.69 bar) in water

### Cartridge Dimensions

Nominal Length*	Filtration Area
10 inch	5.8 ft <sup>2</sup> / 0.54 m <sup>2</sup>
20 inch	11.6 ft <sup>2</sup> / 1.08 m <sup>2</sup>
30 inch	17.4 ft <sup>2</sup> / 1.62 m <sup>2</sup>
40 inch	23.2 ft <sup>2</sup> / 2.16 m <sup>2</sup>

\*Actual overall length of cartridge will vary depending on configuration.  
 Cartridge performance is as specified regardless of configuration.

### Outside Diameter

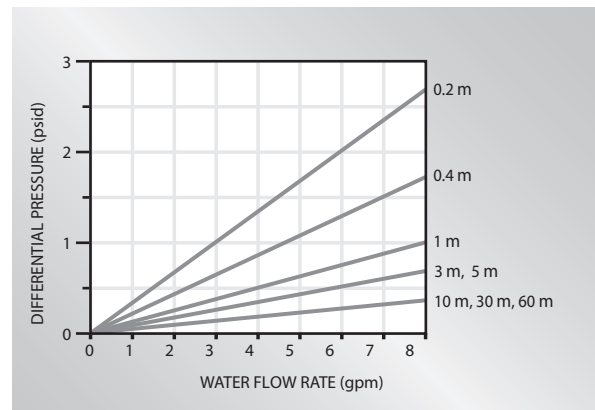
2.75 in / 7 cm

### Micron Ratings

0.2, 0.4, 1.0, 3.0, 5.0, 10, 30, and 60

### End-Fitting Options

End Fitting Options:	
Description	Code
SOE-222 O-Ring/Flat Bottom	A
SOE-222 O-Ring/Fin	B
SOE-226 O-Ring/Fin	C
DOE-Flat Gasket/Flat Gasket	D
SOE -213 O-Ring Internal / Flat End	E



TYPICAL WATER FLOW RATE per 10-inch (25 cm) FiberFlo pleated cartridge