

FIBERFLO™ “NY” PLEATED CARTRIDGE FILTERS

NYLON

The FiberFlo “NY” nylon cartridges are absolutely rated cartridge filters. Made of nylon membrane, the filters have an increased surface area with excellent flow rates per 10 inch lengths. Nylon is compatible with a broad range of chemicals. FiberFlo “NY” filters provide an economical alternative for the filtration of water, acids, bases, solvents, and other process fluids.

Dependable Performance

FiberFlo “NY” cartridges consist of a nylon membrane with thermally bonded polypropylene components to provide a very durable filter with only two materials of construction.

The nylon membrane contains no surfactants or surface wetting agents. Manufactured under QSR, the filters are integrity tested in manufacturing to ensure consistent and reliable performance, and flushed with 17+ megohm cm water to remove any manufacturing debris.

Absolute ratings for FiberFlo “NY” cartridges can be verified in the field by integrity testing using bubble point or diffusional flow testing. All FiberFlo “NY” cartridges pass USP class VI plastic tests as well as tests for cytotoxicity, hemolysis and pyrogenicity.

Applications

- Final filtration for bacteria removal in reverse osmosis, deionization and other high purity water systems.
- Particle filtration for ultrapure chemicals
- Photographic solutions
- Plating solutions
- Magnetic coatings



Specifications

Filter Media: Pleated Nylon Membrane

Membrane Support, Core Tube, Sleeve, End Caps: Polypropylene

Sealing Technology: Thermal Bonding

Endotoxins: Less than 0.5 EU/ml

Biosafety: All components meet or exceed USP Class VI-121° plastic tests

Oxidizable Substances: Filtrate meets or exceeds USP XXI requirements for purified water after 1 liter flush

O-Ring: Silicone

O-Ring Color: Red

Cartridge Dimensions

Nominal Length*	Filtration Area
10 inch	7.0 ft ² / 0.65 m ²
20 inch	14.0 ft ² / 1.3 m ²
30 inch	26.0 ft ² / 1.95 m ²
40 inch	28.0 ft ² / 2.6 m ²

Outside Diameter

2.77 in / 7 cm

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

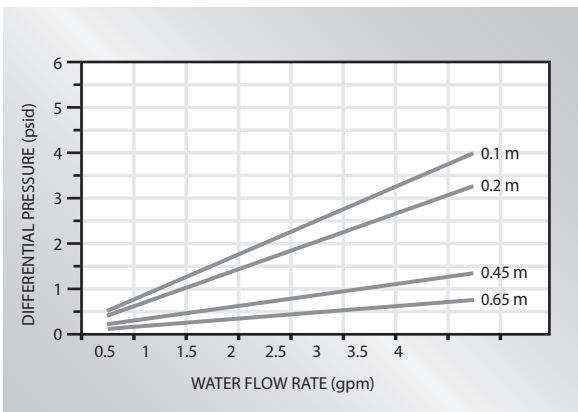
Max. Differential Pressure:

Forward: 50 psi (3.4 bar) at 68°F (20°C)

Reverse: 40 psi (2.7 bar) at 68°F (20°C)

Pore sizes

0.10, 0.22, 0.45, and 0.65 microns



TYPICAL WATER FLOW RATE
per 10-inch (25 cm) FiberFlo “NY” cartridge

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