

## PureFlo Cellulosic Depth Filters

### Cellulosic Depth Cartridge Series

PureFlo® Cellulosic Depth cartridges with cellulosic media can be made from 5-40 inches. This full size cartridge allows for manufacturing production. This filter can be incorporated in a standard housing. A special housing is not required for this filter. They can also be incorporated into multi-round housings for additional filtration area.

The PureFlo Cellulosic Depth cartridges are highly retentive, designed for high loading applications. The filter is made using cellulose media with an all polypropylene construction. They are well suited for critical applications where superior flow, lifetime, and holding capacity are required.



#### Operating Conditions:

Maximum Forward Differential Pressure:  
5 bar (72psi) at 72°F/22°C  
Maximum Reverse Differential Pressure:  
2.1 bar (30psi) at 72°F/22°C  
Maximum Operating Temperature: 140°F/60°C

#### Autoclavable & Sanitizable:

Capsules can be autoclaved 3 times at 257°F/ 125°C for 30 minutes or chemically sanitized in situ using common sanitizing agents or hot water at 194°F/90°C for a limited time (dependent on time and temperature).

Regulatory Compliance: The filters are constructed with polypropylene resins and filtration media in compliance with 21CFR of the US Code of Federal Regulations and USP Class VI Biological Test for Plastic.

### Specifications

Materials of Construction:	Media: Cellulose Media Supports: Polypropylene Shell: Polypropylene Sealing: Compression & Thermally-welded
Effective Filtration Area:	75-595in <sup>2</sup> (480-3840cm <sup>2</sup> )
Dimensions:	2.75 in (70mm)
Available Ratings:	0.2um to 15um

### Cellulosic Depth Filter Cartridge Ordering Guide

PureFlo Cellulosic Depth Filter Cartridges	Filter Media & Removal Rating (micron)	End Modifications	Length	O-Ring / Gasket Materials	Package Qty	Inserts
CEP = Cellulosic Media Cartridge	XL Series Media	0 = 222 O-Ring Flat 3 = 222 O-Ring w/tabs Spear 5 = 222 O-Ring Spear 6 = 226 O-Ring Flat 7 = 226 O-Ring Spear 8 = 223 O-Ring Flat F = DOE Flat Gasket S = SOE Flat Gasket Z = SOE Internal O-ring Flat **	1 = 10" 2 = 20" 3 = 30" 4 = 40" 5 = 5" 9 = 9.75"	E = EPDM N = Buna N S = Silicone T = TEV or FEP Gasket U = TES* V = Fluoroelastomer	1 = 1pc/ pack	Blank = Standard - 5 = SS Insert
	MicroMedia*	CE1 = 15 CE2 = 10 CE3 = 5 CE4 = 2.5 CE5 = 1 CE6 = 0.8 CE7 = 0.45 CE8 = 0.3 CE9 = 0.2 CM7 = 0.45 CM8 = 0.3 CM9 = 0.2				
	Carbon Type					
	MicroClear*	CC4 = 1um General CC5 = 1um Chemical Activated CC6 = 1um Steam activated				

Example - Cellulosic Media Cartridge, 10", 2.5 micron XL series cartridge, with 2-222 Silicone o-ring, Flat end cap, and no insert would be CEPCE401S1

\* - not available in Code Z

\*\* - only available in 5", 9.75", 10" and 20", retrofit for DOE housings