

# optimum filter

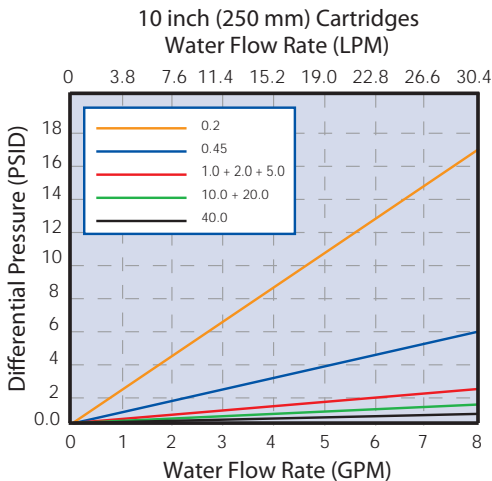
## Filter Data Sheet

### Economy - PP Pleated Polypropylene Cartridge

**Economy Pleated Polypropylene Cartridges** offer a highly efficient and cost-effective filtration option for use in a wide variety of applications. These cartridges are constructed of 100% polypropylene materials and are assembled using the latest thermal-bonding equipment. Cartridges are offered in DOE and 222 end configurations as well as in both nominal (90%) and absolute (to 99.98%) retention efficiencies.



#### Flow Rate



\*All data is based on absolute rated medias. Nominally rated medias will result in a pressure drop reduction of approximately 10%.

#### Typical Applications

Food & Beverage	Fine Chemicals
Photographic	Process
Deionized Water	Plating Chemicals
R.O. Membrane	Wastewater
Pre-Filtration	Produced Water
Process Water	Cosmetics

#### Dimensions

**Length:**  
10 to 40 inches (25.4 to 101.6 cm) nominal

**Outside Diameter:**  
2.50 inches (6.35 cm) nominal

#### Maximum Recommended Operating Conditions

**Change Out**..... $\Delta$ P 35 PSI

**Temperature**.....176°F (80°C)

#### Construction Materials

**Filtration Media**.....Polypropylene

**Support Media**.....Polypropylene

**End Caps**.....Polypropylene

**Center Core**.....Polypropylene

**Outer Support Netting**.....Polypropylene

**O-Rings/Gaskets**.. Buna, Viton, EPDM, Silicone, Teflon® Encapsulated Viton

#### FDA Listed Materials

Manufactured from materials which are listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations.

#### Toxicity

All polypropylene components meet the specifications for biological safety per USP Class VI – 121°C for plastics.

#### Ordering Information

PPE	Pore Size	Retention	Length	N	End Cap Code	O-Rings/Gaskets
	0.2	A = Absolute	10 (25.4 cm)		2 = DOE Flat Gasket	B = Buna
	0.45	N = Nominal	20 (50.8 cm)		3 = 222 w/ Fin	E = EPDM
	1.0		30 (76.2 cm)		4 = 222 w/ Flat Cap	S = Silicone
	2.0		40 (101.6 cm)		5 = 222 w/ Spring	V = Viton
	5.0					T = Teflon® Encapsulated Viton
	10.0					
	20.0					
	40.0					

3725 Interpark Drive • Colorado Springs, CO 80907

Phone: 719-260-5694 • Fax: 719-260-5944 • [www.optimumfilter.com](http://www.optimumfilter.com)