



## Filter Data Sheet

### High Purity – General Grade Teflon®

Hydrophobic Teflon® Membrane for Liquid and Air Applications

**General Grade Teflon® Cartridges** are designed for multi-purpose use wherever a cost effective Teflon® membrane cartridge is required. These Teflon® membranes are hydrophobic and resists wetting in critical air/vent applications. Priced below special purpose Teflon® filter cartridges, General Grade Teflon® Cartridges are still manufactured with the same careful attention to quality and performance.



Filter Grade (µm)	DI Water Flow per 1 PSID (gpm/10" (25.4 cm) equivalent)
0.1	1.25 (4.7 lpm)
0.2	2.8 (10.6 lpm)
0.45	5.7 (21.5 lpm)

### Typical Applications

Drinking Water  
Wine  
Soft Drinks  
Electronics - Photoresists  
Pharmaceutical  
Fermentation  
Endotoxin Removal

### Construction Materials

**Membrane**.....Teflon®  
**Support Media**.....Polypropylene  
**End Caps**.....Polypropylene  
**Center Core**.....Polypropylene  
**Outer Support Cage**.....Polypropylene  
**O-Rings/Gaskets**.....Buna, Viton, EPDM, Silicone, Teflon® Encapsulated Viton

### Dimensions

**Length:**  
10 to 40 inches (25.4 to 101.6 cm) nominal  
**Outside Diameter:**  
2.70 inches (7.0 cm) nominal

### Maximum Differential Pressures

**Forward**.....50 PSI (3.4 bar) at 20°C  
**Reverse**.....40 PSI (2.7 bar) at 20°C

### 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

GGPTFF	Pore Size	A	Length	C	End Cap Code	O-Rings/Gaskets	-	Adders
	0.1		10 (25.4 cm)		2 = DOE Flat Gasket	B = Buna		I = Stainless Steel Insert
	0.2		20 (50.8 cm)		3 = 222 w/ Fin	E = EPDM		
	0.45		30 (76.2 cm)		4 = 222 w/ Flat Cap	S = Silicone		
			40 (101.6 cm)		6 = 226 w/ Flat Cap	V = Viton		
					7 = 226 w/ Fin	T = Teflon® Encapsulated Viton		
					16 = 213 Internal O-Ring			

3725 Interpark Drive • Colorado Springs, CO 80907

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