



Filter Data Sheet

High Purity – Electronics Grade Nylon 6,6 and Plus+ Nylon 6,6

Hydrophilic Nylon 6,6 for Electronics Applications

Electronics Grade Nylon 6,6 Cartridges are naturally hydrophilic requiring no surface treatments that can leach into your process. Electronics Grade Cartridges are available in both our standard and Plus+ grades. The Plus+ grade membrane is modified with a high positive charge for removal of endotoxins and small negatively charged contaminants. All Electronics Grade Cartridges are flushed with 18 megohm high purity water to minimize extractable. Cartridges are also integrity tested.



Filter Grade (µm)	DI Water Flow per 1 PSID (gpm/10" (25.4 cm) equivalent)
0.03	0.75 (2.9 lpm)
0.05	0.8 (3.0 lpm)
0.1	1.2 (4.5 lpm)
0.2	2.4 (9.1 lpm)
0.45	4.0 (15.1 lpm)
0.65	6.0 (22.7 lpm)
0.8	6.5 (24.6 lpm)
1.2	7.0 (26.5 lpm)

Typical Applications

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

Construction Materials

Membrane.....Nylon 6,6
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

GEHNY	Pore Size	A	Length	C	End Cap Code	O-Rings/Gaskets	-	Adders
GEHNY+	0.03		10 (25.4 cm)		2 = DOE Flat Gasket	B = Buna		I = Stainless Steel Insert
	0.05		20 (50.8 cm)		3 = 222 w/ Fin	E = EPDM		
	0.1		30 (76.2 cm)		4 = 222 w/ Flat Cap	S = Silicone		
	0.2		40 (101.6 cm)		6 = 226 w/ Flat Cap	V = Viton		
	0.45				7 = 226 w/ Fin	T = Teflon® Encapsulated Viton		
	0.65				16 = 213 Internal O-Ring			
	0.8							
	1.2							

3725 Interpark Drive • Colorado Springs, CO 80907

Phone: 719-260-5694 • Fax: 719-260-5944 • www.optimumfilter.com