



## Filter Data Sheet

### High Purity – Food and Beverage Grade Nylon 6,6 and Plus+ Nylon 6,6

Hydrophilic Nylon 6,6 for the Food and Beverage Industry

#### Food and Beverage Grade Nylon 6,6

**Cartridges** are naturally hydrophilic requiring no surface treatments that can leach into your process. Food and Beverage Grade Cartridges are designed to comply with all FDA requirements for food contact. 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 Food and Beverage Grade Cartridges are flushed with DI 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

GFHNY	Pore Size	A	Length	C	End Cap Code	O-Rings/Gaskets	-	Adders
GFHNY+	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							

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