

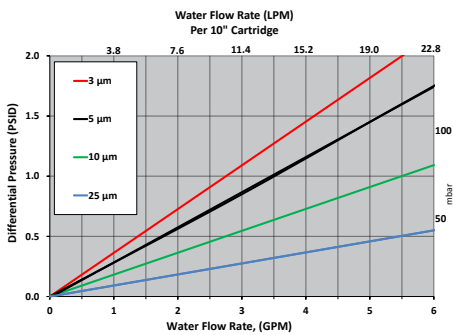


**GFH Series Pleated All-Halar®**

**GFH Cartridges** are designed for highly aggressive solvent applications. GFH series cartridges are constructed using 100% ECTFE (Halar) materials. This fluoropolymer offers exceptional chemical resistance in extremely challenging liquid applications while delivering absolute rated removal efficiencies. The meltblown Halar microfiber media used in the GFH series cartridges offers high flow rates at low pressure drops and can be used in a variety of both prefiltration and final filtration applications.



**Flow Rate vs Pressure Drop**



**Typical Applications**

- Toluene
- Xylene
- Ozonated Process Systems or Water
- Bulk Chemical Polishing

**Dimensions**

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

**Outside Diameter:**  
2.70 inches (7.0 cm) nominal

**Construction Materials**

**Media** ..... ECTFE  
**Support Media**..... ECTFE  
**End Caps** ..... ECTFE  
**Center Core**..... ECTFE  
**Outer Support Cage** ..... ECTFE  
**O-Rings/Gaskets**..... Viton®, Teflon®  
 Encapsulated Viton®

**Maximum Recommended Operating Conditions**

**Temperature**.....190°F (88°C)

**Maximum Differential Pressures**

**Forward**.....60 PSI (4.14 bar) at 70°C (21°C)  
**Reverse**.....30 PSI (2.07 bar) at 70°C (21°C)

**Food Safety Compliance**

Materials of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations, 21CFR. Materials used to produce filter media and hardware are deemed safe for use in contact with foodstuffs in accordance with EU Directives 2002/72/EC, 1935/2004, and/or 10/2011.

**Sanitization/Sterilization**

GFH cartridges may be sanitized using compatible chemical agents. GFH cartridges may not be autoclaved or steam sterilized.

**Toxicity**

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

**Ordering Information**

GFH	Rating (μ)	A	Length	C	End Cap Style	O-Rings/Gaskets
	3.0		10" (25.4 cm)		2 = DOE Flat Gasket	V = Viton®
	5.0		20" (50.8 cm)		3 = 222 w/ Fin	T = Teflon® Encapsulated Viton®
	10.0		30" (76.2 cm)		4 = 222 w/ Flat Cap	
	25.0		40" (101.6 cm)		6 = 226 w/ Flat Cap	
					7 = 226 w/ Fin	

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required.