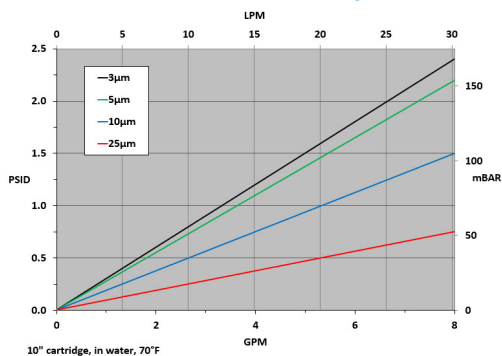


# GFH-Series All-Halar® Fluoropolymer Depth Media

GFH-Series High Purity All-Halar Fluoropolymer Depth Media Filter Cartridges are ideal for filtration of aggressive solvents, acids, and caustics. Constructed of 100% ECTFE Halar for superior chemical tolerance in demanding industrial applications. The meltblown microfiber media provides excellent flow at low pressure drop and greater contaminant holding capacity relative to membrane-based options. The >90% typical retention efficiency allows for use as either a pre-filter or final filtration solution.



## Flow Rate vs Pressure Drop



## Typical Applications

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

## Construction Materials

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

## Sanitization/Sterilization

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

## Dimensions

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

## Operating Conditions

**Change Out ΔP (recommended)**.....35 PSID  
**Temperature (max)**.....190°F (88°C)  
**Differential Pressure (max)**.....60 PSID  
 (4.1 bar) at 68°F (20°C)

## Toxicity

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

## 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.

## Ordering Information

GFH	Rating (µ)	A	Length	C	End Cap Style	O-Rings/Gaskets
	3.0		10" (25.4 cm)		2 = DOE Flat Gasket	T = Teflon® Encapsulated Viton®
	5.0		20" (50.8 cm)		3 = 222 w/ Fin	V = 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.

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