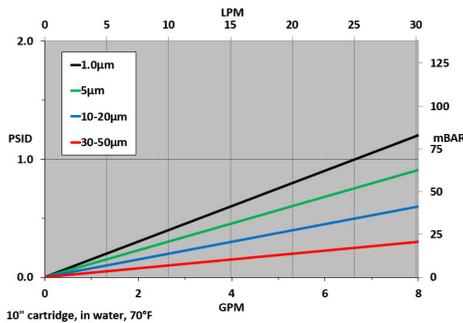


LiquidClear™ GF-Series Pleated Synthetic Depth Media

LiquidClear GF-Series Pleated Synthetic Depth Media Filter Cartridges offer economical, cellulose-free construction with significant dirt-holding capacity and low pressure drop at nominal efficiencies. Generally provides better performance value relative to string-wound, meltblown, and resin-bonded alternatives. Polyurethane end caps offer an integral and positive seal.



Flow Rate vs Pressure Drop



*For 4.5" OD-sized elements, the differential pressure is 30% that of the values shown above for 2.7" OD cartridges.

Operating Conditions

Change Out ΔP (recommended).....20-25 PSID
Temperature (max).....140°F (60°C)
Differential Pressure (max).....50 PSID
 (3.4 bar) at 68°F (20°C)

Typical Applications

- Process Water
- Cooling Water
- Drinking Water
- R.O. Pre-Filtration
- Plating Chemicals
- Food & Beverage
- Wastewater
- Deionized Water

Dimensions

Outside Diameter..... 2.7 or 4.5 inch
Inside Diameter.....1 inch
Lengths.....9.75 to 40 inch

BB elements only available in 10" and 20" lengths

Purity

LiquidClear cartridges are produced using 100% synthetic fibers, which are free of binders or adhesives.

Construction Materials

Filtration Media..... Polyester
End Caps/Gasket..... Polyurethane
Core..... Polypropylene
Outer Netting..... Polypropylene

Cross-Reference

Pentek®..... R-Series, ECP-Series
Watts®..... FM-Series

Performance Specifications

Micron Ratings.....1,5,10,20,30,50
Efficiencies.....1-50µ = Nominal

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 1935/2004, and/or 10/2011.

Ordering Information

GF	-	Diameter	-	Rating (µ)	-	Length	End Cap Style
		Blank = 2.7"		1		9.75" (24.77 cm)	Blank = DOE
		BB = 4.5"		5		10" (25.4 cm) (BB Only)	
				10		19.5" (49.35 cm)	
				20		20" (50.8 cm)	
				30		29.25" (74.30 cm)	
				50		30" (76.2 cm)	
						40" (101.6 cm)	

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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