

## GRTB-Series High Rigidity Polypropylene Meltblown

GRTB-Series High Rigidity Grade Meltblown Polypropylene Filter Cartridges:

- Resists contaminant unloading, even at elevated differential pressures.
- Highly rigid construction offers collapse resistance in elevated viscosity applications.
- Precision process control of fiber diameters allow for layered density; optimizing loading capacity and overall performance.
- All polypropylene construction delivers excellent compatibility with a wide range of chemicals.
- All thermally-bonded end configurations available.
- Free of additives, wetting agents, binders and silicone.
- Potential alternative to resin-bonded cartridges, 3M™ Micro-Klean™ RT, Pall® Nexis® T, & Pentair Polydepth Series, Parker Durabond™ Cartridges



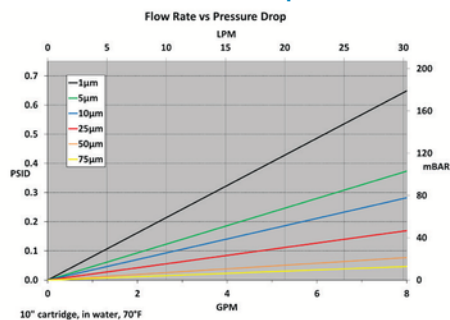
### Construction Materials

**Filtration Media** .....Polypropylene  
**End Caps** .....Polypropylene  
**Core** .....Polypropylene  
**O-Rings/Gaskets** .....Buna, EPDM  
 Polyfoam, Silicone, Viton®

### Operating Conditions

**Change Out ΔP (recommended)** .....35 PSID (2.4 bar)  
**Temperature (max)** .....176 °F (80 °C)  
**Differential Pressure (max)** .....60 PSID at 68 °F  
 (4.13 bar at 20 °C)

### Flow Rate vs Pressure Drop



### Dimension (Nominal)

**Length** .....9.75 to 40 in  
 (24.8 to 102 cm) **Outside Diameter**  
 .....2.5 in (6.4 cm) **Inside Diameter**  
 .....1.06 in (2.69 cm)

### Performance Specifications

**Micron Ratings:**  
 1, 5, 10, 25, 50, 75  
**Efficiencies:**  
 High Performance Grade = 90%

### 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.



NSF Certification applies for use only with drinking water. Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified. Product options denoted with asterisk (\*) are not included in the Certification.

### Ordering Information

GRTB	Rating(µ)	A	Length	-	End Cap Style	O-Rings/Gaskets	-	TB
	1		9.75" (24.76cm)		Blank* = None	Blank = None		Thermally-Bonded for all End Cap Configurations
	5		10" (25.4 cm)		2 = DOE Flat Gasket	B = Buna		*-TB is not applicable for Blank End Cap Style configurations
	10		19.5" (49.53 cm)		3 = 222 w/Fin	E = EPDM		
	25		20" (50.8 cm)		4 = 222 w/Flat Cap	S = Silicone		
	50		29.25" (74.29 cm)		5 = 222 w/Spring	V = Viton*		
	75		30" (76.2 cm)		6 = 226 w/ Flat Cap			
			39" (99.1 cm)		7 = 226 w/ Fin			
			40" (101.6 cm)		8 = 226 w/ Spring			
					9 = SOE w/Spring			
					10 = DOE w/ PP Core Ext.			
					16 = 213 Internal O-Ring			

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. For additional technical support, a product Performance Guide is available upon request.

SV\_GRTB\_092025