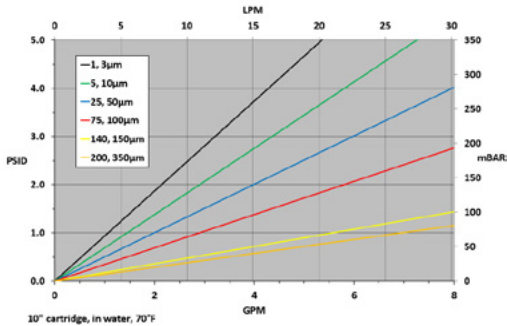


## GPB-Series Bi-Component Polyolefin

GPB-Series Bi-Component Polyolefin Filter Cartridges feature thermally bonded co-extruded polyolefin fibers manufactured in a unique and proprietary process. The result is fiber-to-fiber point bonds forming a rigid, fixed-matrix pore structure. The performance benefit of this construction is a sharpened retention size cut-off. Furthermore, the enhanced matrix rigidity provides greater tolerance to differential pressures. This unique feature also prevents changes in fiber matrix throughout the life of the filter. Consistent precise filtration acts to prevent against contaminant unloading. GPB series filter cartridges are free of additives, wetting agents, binders and silicone.



### Flow Rate vs Pressure Drop



### Typical Applications

- Paints and Coatings
- High-purity Inks
- Resins
- R.O. Pre-Filtration
- Food and Beverage
- Particle Classifications

### Operating Conditions

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

### Construction Materials

**Filtration Media** ..... Polyolefin  
**End Caps** ..... Polypropylene

### 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.

### Dimensions (Nominal)

**Length:**  
 9.75 to 40 inches (24.8 to 102 cm)  
**Outside Diameter:**  
 2.6 inches (6.6 cm)  
**Inside Diameter:**  
 1.1 inch (2.8 cm)

### Ordering Information

GPB	Rating (µ)		-	Length	-	End Cap Style	O-Rings/Gaskets
Polyolefin	1	Cuno "A"		9.75" (24.76 cm)		Blank = None	Blank = None
	3	Cuno "B"		10" (25.4 cm)		2 = DOE Flat Gasket	B = Buna
	5	Cuno "C"		19.5" (49.53 cm)		3 = 222 w/Fin	E = EPDM
	10	Cuno "D"		20" (50.8 cm)		4 = 222 w/Flat Cap	P = Polyfoam
	25	Cuno "E"		29.25" (74.29 cm)		5 = 222 w/Spring	S = Silicone
	50	Cuno "G"		30" (76.2 cm)		6 = 226 w/Flat Cap	V = Viton®
	75	Cuno "L"		39" (99.1 cm)		7 = 226 w/Fin	
	100	Cuno "Q"		40" (101.6 cm)		8 = 226 w/Spring	
	140	Cuno "V"				9 = SOE w/ Spring	
	150	Cuno "W"				10 = DOE w/ Core Extender	
	200	Cuno "X"					
	350	Cuno "Y"					

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.