



Bi-Component Filter Cartridge - GPB
Thermally-Bonded Polyolefin Filter Cartridge

Thermally-bonded polyolefin fibers are used in the construction of Global Filter's Bi-component series filter cartridges. The unique fiber-to-fiber bond forms a very stable porosity. The patented construction process of these Bi-Component filter cartridges provides consistent filtration and eliminates pore size variability and media migration.

The rigid construction also provides a 3-dimensional fiber network that offers a high tolerance to differential pressures. This unique feature also prevents changes in fiber matrix throughout the life of the filter. This delivers consistently precise filtration and ensures against contaminant unloading.

Purity

GPB series filter cartridges are free of additives, wetting agents, binders and silicone.



Construction Materials

Filtration Media Polyolefin
End Caps Polypropylene

Typical Applications

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

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

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

Maximum Recommended Operating Conditions

Differential Pressure 80 PSI
Temperature 176°F (80°C)

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	S = Silicone
	25	Cuno "E"		29.25" (74.29 cm)		5 = 222 w/Spring	V = Viton®
	50	Cuno "G"		30" (76.2 cm)		6 = 226 w/Flat Cap	P = Polyfoam
	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.