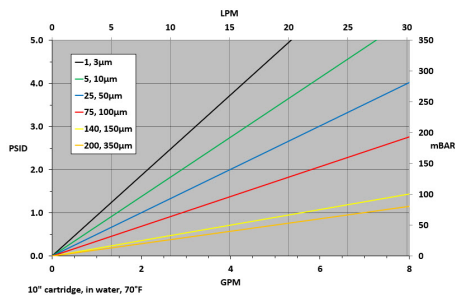


GPB-Series Bi-Component Polyolefin

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 Classification

Operating Conditions

Change Out ΔP (recommended)35 PSID (2.4 bar)
Temperature (max) 176°F (120°C)
Differential Pressure (max) 80 PSID at 68°F
 (5.5 bar at 20°C)

Construction Materials

Filtration Media Polyolefin
End Caps Polypropylene
O-Ring/Gasket Buna, EPDM, Polyfoam
 Silicone, Viton®

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.

Dimension (Nominal)

Length9.75 to 40 in (24.8 to 102 cm)
Outside Diameter2.6 in (6.6 cm)
Inside Diameter 1.1 in (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.

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