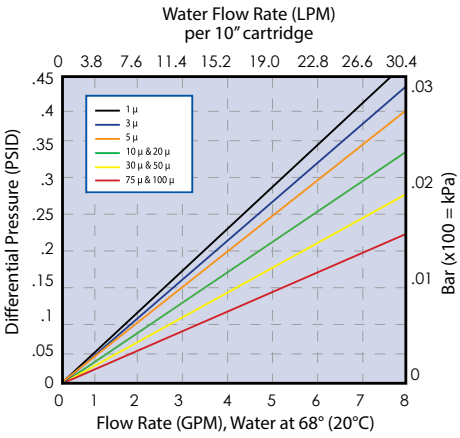
Filter Data Sheet

High Performance Grade Polypropylene Meltblown Cartridge - GCTB

- Unique & proprietary process delivers superior efficiency, life and economy
- Excellent compatibility with a wide range of chemicals
- Graded density pore structure enhances dirt holding capacity
- Easy cartridge incineration and disposal
- All polypropylene construction
- All end configurations available (glued or thermally-bonded)

Flow Rate vs Pressure Drop



Construction Materials

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

Performance Specifications

Micron Ratings:
1, 3, 5, 10, 20, 30, 50, 75, 100
Efficiencies:
High Performance Grade = 90%

FDA Listed Materials

Manufactured from materials which are listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations.

Maximum Recommended Operating Conditions

Forward ..... 35 PSID
Reverse ..... 25 PSID
Change Out Differential Pressure ..... 20 PSID
Temperature ..... 140°F (60°C)

Dimensions (Nominal)

Length ..... 9.75 to 40 inches (24.8 to 102 cm)
Outside Diameter ..... 2.5 inches (6.4 cm)
Inside Diameter ..... 1 inch (2.6 cm)

Purity

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

Ordering Information

GCTB	Rating (µ)	A	Length	-	End Cap Style	O-Rings/Gaskets	-	End Caps
High Performance Grade	1		9.75" (24.76cm)		2 = DOE Flat Gasket	B = Buna		Blank = Glued
	3		9.875" (25.08 cm)		3 = 222 w/Fin	E = EPDM		TB = Thermally-Bonded
	5		10" (25.4 cm)		4 = 222 w/Flat Cap	S = Silicone		CS = 316ss Compression Spring (TB ONLY)
	10		19.5" (49.53 cm)		5 = 222 w/Spring	V = Viton®		PC = Polypropylene Core
	20		20" (50.8 cm)		6 = 226 w/Flat Cap	P = Polyfoam (Gaskets)		
	30		29.25" (74.29 cm)		7 = 226 w/Fin			
	50		29.5" (74.93 cm)		8 = 226 w/Spring			
	75		30" (76.2 cm)		9 = DOE w/Spring			
	100		39" (99.1 cm)		10 = DOE w/ PP Core Extender			
			40" (101.6 cm)		20 = DOE PP Ext. w/Spring			