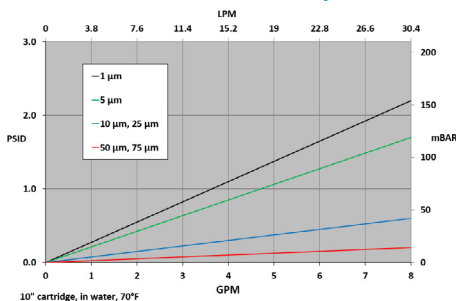


## GNTB-Series High Performance Grade Nylon Meltblown

- Controlled fiber diameter and graded density maximizes removal efficiency and ensures consistent performance
- Excellent compatibility with a wide range of chemicals
- Easy cartridge incineration and disposal
- Molded Core for added strength against elevated pressures and temperatures
- All Nylon 6,6 construction
- Available in a variety of end configurations
- Resists contaminant unloading, even at elevated differential pressures
- High temperature resistance



### Flow Rate vs. Pressure Drop



### Typical Applications

- Aromatic fluids
- Glycol
- Emulsions
- Amine
- High temperature water
- Solvent based paints & coatings

### Construction Materials

**Filtration Media** ..... Nylon 6,6  
**End Caps** ..... Polyester  
**Molded Center Core** ..... Nylon  
**O-Rings/Gaskets** ..... Buna, EPDM, Silicone, Viton®

### Performance Specifications

**Micron Ratings:** 1, 5, 10, 25, 50, 75  
**Efficiencies:** 90.0%

### Operating Conditions

**Change t ΔP (recommended)** ..... 35 PSID  
**Temperature (max)** ..... 120°C (248°F)  
**Differential Pressure (max)** ... 50 PSID (3.4 bar) at 200°F (93°C)  
 70 PSID (4.8 bar) at 150°F (65°C)  
 90 PSID (6.2 bar) at 72°F (22°C)

### Dimensions

**Length** ..... 9.75 to 40 inches (24.7 to 101.6 cm)  
**Outside Diameter** ..... 2.5 inches (6.4 cm)  
**Inside Diameter** ..... 1 inch (2.6 cm)

### Purity

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

### Toxicological Safety

Materials of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations, 21CFR. Filter media complies with EU RoHS Directive 2015/863 amending Annex II of Directive 2011/65/EU; and EU REACH requirements effective 27-June-2018 regarding EC Regulation 1907/2006.

### Ordering Information

GNTB	Rating (μ)	A	Length	-	End Cap Style	O-Rings/Gaskets	-	Adders
High Performance Grade	1		9.75" (24.7 cm)		Blank = None	B = Buna		CS = 316SS Compression Spring
	5		10" (25.4 cm)		2 = DOE Flat Gasket	E = EPDM		NC = Nylon Core
	10		19.5" (49.5 cm)		3 = 222 w/Fin	S = Silicone		
	25		20" (50.8 cm)		4 = 222 w/Flat Cap	V = Viton®		
	50		29.25" (74.3 cm)		9 = SOE w/ Spring			
	75		29.5" (74.9 cm)		10= DOE w/ Core Extender			
			30" (76.2 cm)		10X = Stainless Steel Core Ext.			
			39" (99.1 cm)		20 = SOE PP Ext. w/ Spring			
			40" (101.6 cm)					

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.

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