

## GWTB-Series Water Grade Meltblown Polypropylene

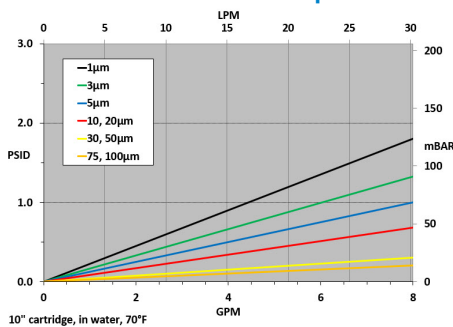
GWTB-Series Water Grade Meltblown

Polypropylene Filter Cartridges:

- A gradient density structure provides for low pressure drop and high dirt holding capacity.
- All polypropylene construction presents excellent compatibility with a wide range of chemicals.
- Resists contaminant unloading, even at elevated differential pressures.
- All end configurations available (glued or thermally-bonded).
- Easy cartridge incineration and disposal.
- Free of additives, wetting agents, binders and silicone.



### Flow Rate vs Pressure Drop



### Construction Materials

**Filtration Media** Polypropylene  
**End Caps** Polypropylene  
**O-Rings/Gaskets**.....Buna, EPDM, Polyfoam, PTFE, Silicone, FKM, FEP Silicone, FEP FKM

### Dimensions (Nominal)

**Length**.....9.75 to 40 inches (24.8 to 102 cm)  
**Outside Diameter**.....6.35 cm  
**Inside Diameter**.....2.69 cm

### Performance Specifications

**Micron Ratings:**  
 1, 3, 5, 10, 20, 30, 50, 75, 100  
**Efficiencies:**  
 Water Grade = 80%

### Operating Conditions

**Change Out ΔP (recommended)**.....2.4 bar  
**Temperature (max)**.....60°C  
**Differential Pressure (max)**.....3.4 bar at 20°C

### 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.

### Ordering Information

GWTB	Rating (µ)	A	Length	-	End Cap Style	O-Rings/Gaskets	-	Adders
Water Grade	1	A = 2.5" OD	9.75" (24.76cm)		Blank = None	Blank = None		Blank = Glued or None
	3		9.875" (25.08 cm)		2 = DOE Flat Gasket (Only P or TB)	B = Buna		TB = Thermally-Bonded
	5		10" (25.4 cm)			E = EPDM		PC = Polypropylene Core
	10		19.5" (49.53 cm)		3 = 222 w/Fin	P = Polyfoam		
	20		20" (50.8 cm)		4 = 222 w/Flat Cap	S = Silicone		
	30		29.25" (74.29 cm)		5 = 222 w/Spring <sup>1</sup>	V = FKM		
	50		29.5" (74.93 cm)		6 = 226 w/Flat Cap	Z = FEP Silicone		
	75		30" (76.2 cm)		7 = 226 w/Fin	T = FEP FKM (if O-ring and PTFE if DOE)		
	100		39" (99.1 cm)		8 = 226 w/Spring <sup>1</sup>			
			40" (101.6 cm)		9 = SOE w/ Spring <sup>1</sup>			
			*		10 = DOE w/Core Extender <sup>1</sup>			
					20 = SOE PP Ext. w/Spring <sup>1</sup>			
					31 = SOE/GSeal <sup>2</sup>			
					*			

<sup>1</sup> Glued only

<sup>2</sup> Thermally-bonded only

\* Other options on request

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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