



# GLOBAL FILTER

Filtration Group®

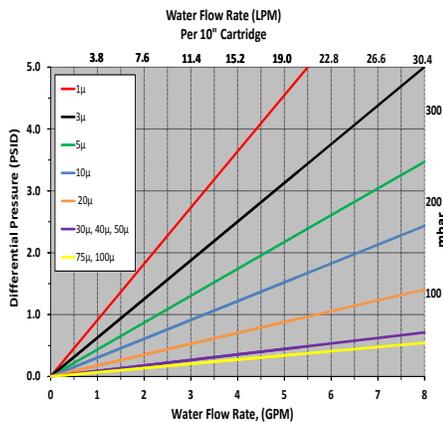
Validated Filtration Solutions to Industry Leaders®

## Absolute Grade Polypropylene Meltblown Cartridge - GATB

- Controlled fiber diameter and density maximizes removal efficiency and ensures consistent performance
- Excellent compatibility with a wide range of chemicals
- Easy cartridge incineration and disposal
- All polypropylene construction
- All end configurations available (glued or thermally-bonded)
- Resists contaminant unloading, even at elevated differential pressures
- Grooved exterior increases surface area



### Flow Rate vs Pressure Drop



### Construction Materials

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

### Performance Specifications

**Micron Ratings:**  
 1, 3, 5, 10, 20, 30, 50, 75, 100  
**Efficiencies:**  
 1-3 Micron: 95%  
 5-100 Micron: 99%

### 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

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

### Ordering Information

| GATB           | Rating (μ) | A | Length            | - | End Cap Style               | O-Rings/Gaskets        | - | End Caps                                |
|----------------|------------|---|-------------------|---|-----------------------------|------------------------|---|---|
| Absolute 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 = SOE w/ Spring           |                        |   |   |
|                | 100        |   | 39" (99.1 cm)     |   | 10 = DOE w/PP Core Extender |                        |   |   |
|                |            |   | 40" (101.6 cm)    |   | 20 = SOE PP Ext. w/Spring   |                        |   |   |

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.