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.

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

Dimensions (Nominal)
- Length: 9.75 to 40 inches (24.8 to 102 cm)
- Outside Diameter: 2.5 inches (6.4 cm)
- Inside Diameter: 1.06 inches (2.69 cm)

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

Ordering Information

<table>
<thead>
<tr>
<th>GWTB</th>
<th>Rating (µ)</th>
<th>A</th>
<th>Length</th>
<th>End Cap Style</th>
<th>O-Rings/Gaskets</th>
<th>Adders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Grade</td>
<td>1</td>
<td>A = 2.5” OD</td>
<td>9.75” (24.76cm)</td>
<td>Blank = None</td>
<td>Blank = None</td>
<td>Blank = Glued or None</td>
</tr>
<tr>
<td>3</td>
<td>9.875” (25.08 cm)</td>
<td>2 = DOE Flat Gasket</td>
<td></td>
<td>B = Buna</td>
<td></td>
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<tr>
<td>5</td>
<td>10” (25.4 cm)</td>
<td>3 = 222 w/Fn</td>
<td></td>
<td>E = EPDM</td>
<td></td>
<td>CS = 316SS Compression Spring (TB ONLY)</td>
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<tr>
<td>10</td>
<td>19.5” (49.53 cm)</td>
<td>4 = 222 w/Flat Cap</td>
<td></td>
<td>P = Polyfoam (Gaskets)</td>
<td></td>
<td>PC = Polypropylene Core</td>
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<tr>
<td>20</td>
<td>20” (50.8 cm)</td>
<td>5 = 222 w/Sp</td>
<td></td>
<td>S = Silicone</td>
<td></td>
<td>TB = Thermally-Bonded</td>
</tr>
<tr>
<td>30</td>
<td>29.25” (74.29 cm)</td>
<td>6 = 226 w/Flat Cap</td>
<td></td>
<td>V = Viton®</td>
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<tr>
<td>50</td>
<td>29.5” (74.93 cm)</td>
<td>7 = 226 w/Fn</td>
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<tr>
<td>75</td>
<td>30” (76.2 cm)</td>
<td>8 = 226 w/Sp</td>
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<tr>
<td>100</td>
<td>39” (99.1 cm)</td>
<td>9 = SOE w/ Sp</td>
<td></td>
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<tr>
<td>40” (101.6 cm)</td>
<td>10 = DOE w/Extender</td>
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<td></td>
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<tr>
<td>20 = DOE PP Ext. w/Sp</td>
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</table>

Flow Rate vs Pressure Drop

Flow Rate vs Pressure Drop

Operating Conditions
- Change Out ΔP (recommended) = 35 PSID
- Temperature (max) = 140°F (60°C)
- Differential Pressure (max) = 50 PSID (3.4 bar) at 68°F (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 2002/72/EC, 1935/2004, and/or 10/2011.

NSF Certification applies for use only with drinking water. Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified. Product options denoted with asterisk (*) are not included in the Certification.

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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