Fulflo® Filter Bags Provide High Quality, Consistent Filtration Performance

Fulflo Filter Bags are ideal for virtually any process filtration application requiring the removal of solids. Parker’s Fulflo filter bags are manufactured and tested under the strictest quality control standards to assure consistent performance. Parker’s Fulflo filter bags perform at high flow rates where liquid with viscosities up to 10,000 cps requires filtration.

XLH filter bags perform at the same efficiency as many cartridges. XLH bags are available in 1µm, 2.5µm, 5µm, 10µm and 25µm particle retention ratings.

Standard Fulflo Filter Bags are available in 1µm to 800µm particle retention ratings.

Applications
- Adhesives
- Beverages
- Bulk Chemicals
- Coatings
- Coolants
- Edible Oils
- Inks
- Liquid Detergents
- Paints
- Parts Washing Systems
- Petroleum Oils
- Prefilters for Finer Cartridges
- Resins
- Solvents
- Water

XLH Features and Benefits
- Parker’s XLH all-polypropylene high efficiency filter bags provide twice the dirt-holding capacity at a lower cost than many competitive bags and cartridges of the same micrometer rating.
- XLH bags require less frequent change out, less storage and disposal space, and are easy to install and remove.
- Each bag is incinerable (with Quik-Seal™ option or polypropylene ring), reducing filter disposal costs.
- Heavy-duty fabric handle makes removal fast and simple.
- All materials of construction are FDA listed as acceptable for potable and edible liquid contact according to CFR Title 21.

Features and Benefits
- Standard filter bags are sized to fit Fulflo® vessels and most major competitive models.
- The “C”-Style Fulflo bag features a standard, flexible, stainless steel band which positively self-seals the bag into standard Parker bag housings.
- The “G”-Style Fulflo bag features a carbon steel snap ring for positive sealing in competitive housings.
- Fulflo Quik-Seal™ option is available for both polyester and polypropylene Fulflo® filter bags.
- Bags are available with glazed surface treatment to effectively control migration of fibers into the filtered product.
**Specifications**

**Effective Removal Ratings:**
- 1µm to 800µm

**Maximum Operating Temperature**
(by Media Makeup):
- Standard FDA-grade Polyester bags (PFD Lofted Mat): 275°F (136°C)
- Viscose Rayon: 250°F (122°C)
- Polypropylene: 200°F (94°C)
- Multifilament Nylon Mesh and Needled Felt: 275°F (136°C)
- Nomex®, 425°F (220°C)
- Multifilament Polyester Mesh: 275°F (136°C)

**PFD Bag Dimensions:**
- G1: 7 in x 17.25 in (177 mm x 438 mm)
- C1: 7.5 in x 18.375 in (191 mm x 468 mm)
- G2: 7 in x 31.25 in (177 mm x 794 mm)
- C2: 7.5 in x 31.5 in (191 mm x 800 mm)

**Fulfo® Filter Bags Are Available in a Variety of Media Including:**
- Microfiber: Polypropylene microfiber used in the XLH bag series assures high-efficiency performance and is oil absorbent. Particle retention ratings at 1µm, 2.5µm, 5µm, 10µm and 25µm.
- Felt: Synthetic needled fabric offers cost-effective depth filtration. Particle retention ratings from 1µm to 200µm.

**Ordering Information**

<table>
<thead>
<tr>
<th>Bag Style</th>
<th>Bag Size</th>
<th>Media</th>
<th>Construction</th>
<th>Micron</th>
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</thead>
<tbody>
<tr>
<td>“G” Style</td>
<td>1, #1</td>
<td>PE</td>
<td>P = Needled Felt</td>
<td>1, 3, 5, 10, 25, 50, 75, 100, 200 (PE)</td>
</tr>
<tr>
<td>C = PFD</td>
<td>“G” Style</td>
<td>PE = Polyester</td>
<td>P = Needled Felt</td>
<td>1, 3, 5, 10, 25, 50, 75, 100, 200 (PE)</td>
</tr>
<tr>
<td>G = AFF</td>
<td>2 = #2</td>
<td>V = Polypropylene</td>
<td>P = Needled Felt</td>
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<tr>
<td>FSC</td>
<td>“C” Style</td>
<td>NOM = Viscose Rayon</td>
<td>P = Needled Felt</td>
<td>1, 3, 5, 10, 25, 50, 75, 100, 200 (PE)</td>
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<tr>
<td>FSI</td>
<td>“C” Style</td>
<td>MN = Nomex</td>
<td>PG = Glazed Needled Felt</td>
<td>150 (MN)</td>
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<tr>
<td>GAF Rosedale</td>
<td>1 = #1</td>
<td>PEMU = Multifilament Polyester</td>
<td>PG = Glazed Needled Felt</td>
<td>150 (MN)</td>
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<tr>
<td></td>
<td>2 = #2</td>
<td></td>
<td></td>
<td>5, 10, 25, 50, 75, 100 (V)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5, 10, 25, 50, 700 (PEMU)</td>
</tr>
</tbody>
</table>

**Flow Rate and Pressure Drop Formulas:**

Flow Rate (gpm) = \( \frac{\text{Clean } \Delta P \times \text{Length Factor}}{100} \)
Viscosity x Flow Factor = Clean \( \Delta P \) = Flow Rate x Viscosity x Flow Factor

Notes:
1. Clean \( \Delta P \) is PSI differential at start.
2. Viscosity is centistokes.
3. Use Conversion Tables for other units.
4. Length Factors convert flow or \( \Delta P \) from 10 in (or single) to required cartridge length.

**XLH Filter Bag Liquid Particle Retention Ratings**

<table>
<thead>
<tr>
<th>Rating (µm)</th>
<th>Particle Size (µm)</th>
<th>90%</th>
<th>99%</th>
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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>10</td>
<td>25</td>
</tr>
<tr>
<td>2.5</td>
<td>2.5</td>
<td>16</td>
<td>22</td>
</tr>
<tr>
<td>5</td>
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<td>18</td>
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**Standard Bags Flow Factors**

<table>
<thead>
<tr>
<th>Rating (µm)</th>
<th>Flow Factor</th>
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<tbody>
<tr>
<td>1</td>
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<tr>
<td>3</td>
<td>0.00059</td>
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<td>10</td>
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<td>25</td>
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<td>50</td>
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<tr>
<td>75</td>
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</tr>
<tr>
<td>100</td>
<td>0.00007</td>
</tr>
</tbody>
</table>

**Process Filtration Division**

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