Bag Type High Flow Filter Cartridges

Our Bag Type High Flow Filter Cartridges are made of pleated polypropylene depth media and are designed with inside-out flow direction which is correspondent with the bag filter. The cartridges satisfy processes requiring high purity and possess high flow rates and long service life. Innovative push-in flanges enable quick and convenient replacements into most commercial bag filter housings. With advantages of high flow rate and purity, fewer change outs and lower maintenance costs are required.

- Convertible into most commercial bag filter housings, providing cost-saving options without hardware change
- High surface area design provides high flow capacity and longer service life
- Innovative push-in flanges enable quick and convenient change outs
- Inside-out flow effectively traps contaminants inside the elements
- Manufactured by advanced thermal welding techniques, cartridges are free of binders and additives

<table>
<thead>
<tr>
<th>Specifications</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Media:</td>
<td>Polypropylene</td>
</tr>
<tr>
<td>Micron Rating:</td>
<td>1, 3, 5, 25 - 100 µm, 200 µm</td>
</tr>
<tr>
<td>Gasket/O-Ring:</td>
<td>EPDM, Viton®</td>
</tr>
<tr>
<td>Inside Diameter:</td>
<td>3.5” (90mm)</td>
</tr>
<tr>
<td>Outside Diameter:</td>
<td>7.25” (184mm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Operating Data</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Operating Temperature:</td>
<td>160°F (70°C)</td>
</tr>
<tr>
<td>Max. Differential Pressure:</td>
<td>75 psi at 68°F (5.1 bar at 29°C)</td>
</tr>
<tr>
<td></td>
<td>35 psi at 130°F (2.4 bar at 54°C)</td>
</tr>
<tr>
<td>Recommended Change Out Differential Pressure:</td>
<td>35 psi at 130°F (2.4 bar at 54°C)</td>
</tr>
</tbody>
</table>
### Bag Type High Flow Filter Cartridges

How to Build a Valid Model Number for a Bag Type High Flow Filter Cartridge:

<table>
<thead>
<tr>
<th>BOX 1</th>
<th>BOX 2</th>
<th>BOX 3</th>
<th>BOX 4</th>
<th>BOX 5</th>
<th>BOX 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>BR</td>
<td>SH</td>
<td>5</td>
<td>P</td>
<td>2</td>
<td>V</td>
</tr>
</tbody>
</table>

Example: NOTE: One option per box

```
BOX 1 BOX 2 BOX 3 BOX 4 BOX 5 BOX 6
BR SH 5 P 2 V = BR-SH-5-P-2-V
```

**BOX 1**
- **Unit Type**
  - BR = PP Fiber Pleated Filter Cartridge

**BOX 2**
- **Series**
  - SH = Bag Type Series

**BOX 3**
- **Micron Rating**
  - 1 = 1 µm
  - 3 = 3 µm
  - 5 = 5 µm
  - 25 = 25 µm
  - 100 = 100 µm
  - 200 = 200 µm

**BOX 4**
- **Filter Media**
  - P = Polypropylene

**BOX 5**
- **Nominal Length**
  - 1 = Size 1 Bag
  - 2 = Size 2 Bag
  - 40 = 40" Length

**BOX 6**
- **Gasket/O-Ring Option**
  - E = EPDM
  - V = Viton®

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**Pressure Drop Information**

Based on Flow Rate and Viscosity

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**Filter Model Number Selection**

- BH1 100 psi
- BH1 150 psi
- BH2-BH10
- DBH2-DBH10
- PPH/PPA

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