Parker Hannifin delivers reliable and durable fabric filter bags and cages engineered to meet the needs of your unique system.

We can deliver most any type of filter bag for your baghouse, regardless of OEM design and system conditions. The charts below specify the most popular styles, fabrics, and finishes, and the conditions the bags are best suited to handle.

<table>
<thead>
<tr>
<th>Fabrics</th>
<th>Polypropylene</th>
<th>Acrylic</th>
<th>Polyester</th>
<th>PPS</th>
<th>Aramid</th>
<th>P84***</th>
<th>Fiberglass*</th>
<th>PTFE***</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Continuous Operating Temperature</td>
<td>170°F (77°C)</td>
<td>265°F (130°C)</td>
<td>275°F (135°C)</td>
<td>375°F (190°C)</td>
<td>400°F (204°C)</td>
<td>356–500°F (180–260°C)</td>
<td>500°F (260°C)</td>
<td>500°F (260°C)</td>
</tr>
<tr>
<td>Abrasion</td>
<td>Excellent</td>
<td>Good</td>
<td>Excellent</td>
<td>Good</td>
<td>Excellent</td>
<td>Fair</td>
<td>Fair</td>
<td>Good</td>
</tr>
<tr>
<td>Energy Absorption</td>
<td>Good</td>
<td>Good</td>
<td>Excellent</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
<td>Fair*</td>
<td>Good*</td>
</tr>
<tr>
<td>Filtration Properties</td>
<td>Good</td>
<td>Excellent</td>
<td>Good</td>
<td>Excellent</td>
<td>Excellent</td>
<td>Fair</td>
<td>Fair</td>
<td>Fair</td>
</tr>
<tr>
<td>Moist Heat</td>
<td>Excellent</td>
<td>Excellent</td>
<td>Poor</td>
<td>Good</td>
<td>Good</td>
<td>Excellent</td>
<td>Fair</td>
<td>Excellent</td>
</tr>
<tr>
<td>Alkalines</td>
<td>Excellent</td>
<td>Fair</td>
<td>Excellent</td>
<td>Good</td>
<td>Fair</td>
<td>Excellent</td>
<td>Fair</td>
<td>Excellent</td>
</tr>
<tr>
<td>Mineral Acids</td>
<td>Excellent</td>
<td>Good</td>
<td>Excellent</td>
<td>Fair</td>
<td>Good</td>
<td>Poor**</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
<tr>
<td>Oxygen (15%+)</td>
<td>Excellent</td>
<td>Excellent</td>
<td>Poor</td>
<td>Excellent</td>
<td>Fair</td>
<td>Excellent</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
</tbody>
</table>

*Sensitive bag-to-cage fit. ** Fair with chemical or acid resistant finishes, *** Must oversize bag for shrinkage for temperatures above 450°F (232°C).
**Fact Sheet**

**BHA® Fabric Filter Bags & Cages**

**Properly engineered cages help protect your filter investment**

A well-built cage is critical to the overall performance and durability of your filter bag. Parker Hannifin cages feature evenly spaced rings and wires, with a rounded bottom pan (never cringed) to help ensure proper filter fit. Choose from a number of materials to serve your specific application:

- Low carbon steel (bright basic wire)
- Galvanized low carbon steel
- Type 304 stainless steel
- Type 316 stainless steel

**Rigid Wire Cages**

Standard and specialty cage tops are available. All bottom pans are welded to the inside to reduce abrasion. Options for rigid wire cages include:

- 11 gauge wire diameter — .1205 in. (3.1 mm)
- 9 gauge wire diameter — .148 in. (3.8 mm)
- 7 gauge wire diameter — .177 in. (4.5 mm)
- 4 to 7.375 in. (101.6 mm to 187.3 mm) cage diameter
- Customized number of vertical wires (8, 10, 12, 20)
- Customized ring spacing — standard is 6 in. or 8 in. (152.4 mm or 203.2 mm)

**Two-Piece Cage**

For baghouses with low headroom in the clean air plenum, we offer a two-piece cage (as shown in photo at right). This style allows for cage installation and removal in reduced spaces.

**Omni Cage**

The Omni cage top was developed to facilitate snap-band bag removal. It has a detachable top which allows removal of the cage top first. With the cage top no longer blocking access to the snap-band, the band can be snapped loose from the tubesheet, and the bag and cage body lifted out easily.

**Technology for reverse air cleaning systems**

We offer dozens of parts for reverse air systems including durable clamps, tensioning assemblies, and engineered tubesheet solutions (with and without thimbles).

Parker Hannifin can design any type of filter bag or element to enhance the performance of your dust collector.