Oil Absorbing Bag Elements

Schroeder’s Oil Absorbing Bag Filters (OAB) are a cost-effective solution for removing oil from water while simultaneously filtering as low as 1 micron. The high capacity bag filter is designed with different layers of micro-fibers that not only retain oil, but increase overall efficiency to 95% or greater on microns ranging from 1 to 50. The overall construction of this filter bag has 30 plus square feet of media and can retain 10 pounds or more of oil depending on the micron. These bags are offered in standard bag size 1 or 2.

- Food Processing
- Hydraulic Systems
- Gelatinous Contaminants
- Cutting Oil
- Vacuum Pump
- Parts Washing
- Engine Oil/Transmission Oil
- Natural Gas Sweetening
- Natural Gas Dehydration
- Lubrication Oil

How to Build a Valid Model Number for an Oil Absorbing (OAB) Bag Element:

```
BOX 1  BOX 2  BOX 3  BOX 4  BOX 5
OAB  [ ]  [ ]  [ ]  [ ]  [ ]
```

Example: NOTE: One option per box

```
BOX 1  BOX 2  BOX 3  BOX 4  BOX 5
OAB  2H  1  SS  H  = OAB2H1SSH
```

<table>
<thead>
<tr>
<th>Box 1</th>
<th>Box 2</th>
<th>Box 3</th>
<th>Box 4</th>
<th>Box 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bag Material</td>
<td>Micron Rating</td>
<td>Bag Size</td>
<td>Options</td>
<td></td>
</tr>
<tr>
<td>OAB</td>
<td>1H = 1m High Efficiency</td>
<td>Diameter</td>
<td>H = Handles (Standard)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2H = 2m High Efficiency</td>
<td>Length (in)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5H = 5m High Efficiency</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>10H = 10m High Efficiency</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>25H = 25m High Efficiency</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>50H = 50m High Efficiency</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1= 7.06</td>
<td>16.5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2= 7.06</td>
<td>32.0</td>
<td></td>
</tr>
</tbody>
</table>

Materials of Construction

- BH1
  - 100 psi
- BH2
  - BH10
- DBH2
  - DBH10

Efficiency

- BH1
- BH2
- BH10

Micron-Rated/OAB

PPH/PPA

BR

Model Code

Schroeder’s Oil Absorbing Bag Elements are designed to efficiently remove oil from water while simultaneously filtering as low as 1 micron. They are available in two standard sizes, 1 and 2, and offer high efficiency filtration ranging from 1 to 50 microns. Each bag is constructed with multiple layers of micro-fibers that not only retain oil but also increase overall efficiency to 95% or greater. With a construction that provides 30 square feet of media, these bags can retain up to 10 pounds of oil, depending on the micron size. The selection of materials for these bags is extensive, allowing for customization based on specific applications, such as food processing, hydraulic systems, and gelatinous contaminants. Options for handles are also available to ensure ease of use and handling. For a valid model number, follow the format provided, ensuring only one option per box to accurately represent the desired specifications.