Star depth-style filter pads are a blend of cellulose fibers and diatomaceous earth media. With a thickness of nearly 3/16”, and a positively charged fiber matrix, the pads are a very effective mechanical as well as adsorptive-type filter.

**Features**

- Available in eight micron retention ratings (0.2 µm - 5.0 µm)
- High flow rate and capacity
- High wet tensile strength
- Low extractable levels
- Low media migration
- Non-toxic

**Applications**

- Beverages
- Pharmaceuticals
- Flavors and Fragrances
- Cosmetics
- Chemicals

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**Flow Characteristics**

<table>
<thead>
<tr>
<th>Micron Rating</th>
<th>Pressure (PSID)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.2 µm</td>
<td>8.5</td>
</tr>
<tr>
<td>0.3 µm</td>
<td>6</td>
</tr>
<tr>
<td>0.45 µm</td>
<td>4</td>
</tr>
<tr>
<td>0.5 µm</td>
<td>3</td>
</tr>
<tr>
<td>0.7 µm</td>
<td>2</td>
</tr>
<tr>
<td>1.0 µm</td>
<td>1.5</td>
</tr>
<tr>
<td>2.0 µm</td>
<td>0.5</td>
</tr>
<tr>
<td>5.0 µm</td>
<td>0.5</td>
</tr>
</tbody>
</table>

The above chart depicts the anticipated pressure drop across each media grade utilizing clean water at a flow rate of 2 GPM/FT² of media.

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