The Schroeder Process meltblown cartridge filters utilize depth filtration to achieve the highest level of filtration. The tightly controlled manufacturing process ensures consistent reliability for optimal filter performance. Their 100% polypropylene construction makes these elements versatile and suitable in a wide range of process applications.

The graded density make up of these elements increases the surface area of the elements by allowing use of all the media, not just the surface. Larger particles are captured near the less dense exterior of the element while smaller particles pass to the inner part of the element where they are trapped. This allows for higher dirt holding capacity and longer element life.

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Media:</strong></td>
<td>Polypropylene</td>
</tr>
<tr>
<td><strong>Material:</strong></td>
<td>100% Meltblown Micro PP Fiber</td>
</tr>
<tr>
<td><strong>Absolute Micron Ratings:</strong></td>
<td>1µm, 3µm, 5µm, 10µm, 20µm, 25µm, 30µm, 50µm, 75µm, 100µm, 150µm</td>
</tr>
<tr>
<td><strong>Inside Diameter:</strong></td>
<td>1.1 inch (28 mm)</td>
</tr>
<tr>
<td><strong>Outside Diameter:</strong></td>
<td>2.5 inch (63 mm)</td>
</tr>
<tr>
<td><strong>Maximum Differential Pressure and Temperature:</strong></td>
<td>58 psi at 68°F (4 bar at 20°C)</td>
</tr>
<tr>
<td></td>
<td>29 psi at 140°F (2 bar at 60°C)</td>
</tr>
<tr>
<td></td>
<td>14 psi at 176°F (1 bar at 80°C)</td>
</tr>
<tr>
<td><strong>Element Change Out:</strong></td>
<td>29 psid (2.1 bar diff)</td>
</tr>
<tr>
<td><strong>Maximum Operating Temperature:</strong></td>
<td>160°F (70°C)</td>
</tr>
<tr>
<td><strong>Efficiency:</strong></td>
<td>99.98%</td>
</tr>
</tbody>
</table>

Industries Served

- Chemical Processing
- Industrial
- Thermal Transfer
- Power Generation
- Pulp & Paper
- Steel Making
- Waste Water Treatment
How to Build a Valid Model Number for an Absolute (ACE) Element:

BOX 1 BOX 2 BOX 3 BOX 4
ACE  2  10  25 = ACE21025

Example: NOTE: One option per box

ACE  2  10  25

Filter Series
ACE

Element Size
2 = 2.5" OD

Element Length
10 = 9 - 7/8"
20 = 20"
30 = 30"
40 = 40"

Micron Rating
01 = 1 µm
03 = 3 µm
05 = 5 µm
10 = 10 µm
20 = 20 µm
25 = 25 µm
30 = 30 µm
50 = 50 µm
75 = 75 µm
100 = 100 µm
150 = 150 µm

Filter Data