

# Schroeder Meltblown Cartridges and Housings

The Schroeder Meltblown depth filter cartridges and housings are a reliable, versatile and low cost solution to numerous filtration needs. These graded density elements, made from 100% pure polypropylene fibers, offer a high dirt holding capacity. By trapping the larger sized particles on the outside of the element while the smaller particles are trapped closer to the element's core, these elements can filter as fine as 1 $\mu$  while still maintaining a low pressure drop. This product line offers various sizes and styles of housings to fit a wide variety of application.



## Applications:

- Pre-filtration of wash water
- Feedstock filtration
- Removal of dry wash chemicals \*
- In process filtration

## Advantages:

- Housing installation is quick and easy
- Elements are manufactured from 100% polypropylene fibers
- V-band closure on stainless steel housing for easy element change
- Housings accept multiple cartridge styles
- Wide variety of element styles, sizes and micron ratings
- Low pressure drop



## System Specifications:

### Schroeder Meltblown Cartridges

Filter Media: Polypropylene

Temperature Range: 40 °F to 145 °F  
(4.4 °C to 62.8 °C)

Filtration Rating: 1 $\mu$  - 100 $\mu$

### Stainless Steel Housings\*

Housing: 304 and 316 stainless steel

O-rings: Viton or EPDM

Max. Pressure Temp: 150 psi @ 200 °F

### Plastic Filter Housings\*

Housing: Polypropylene

Cap: Polypropylene

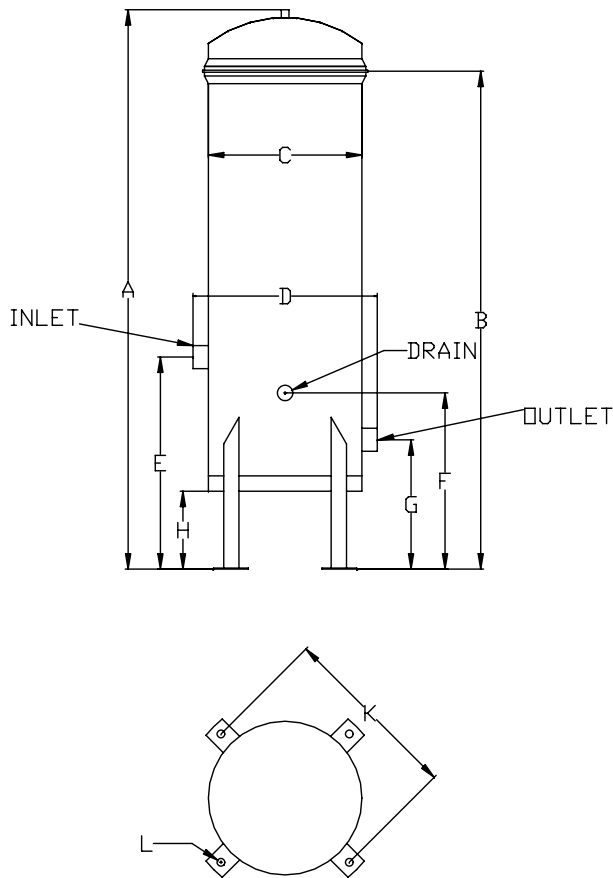
O-ring Material: Viton or EPDM

Max. Temperature: 100°F (37.7°C)

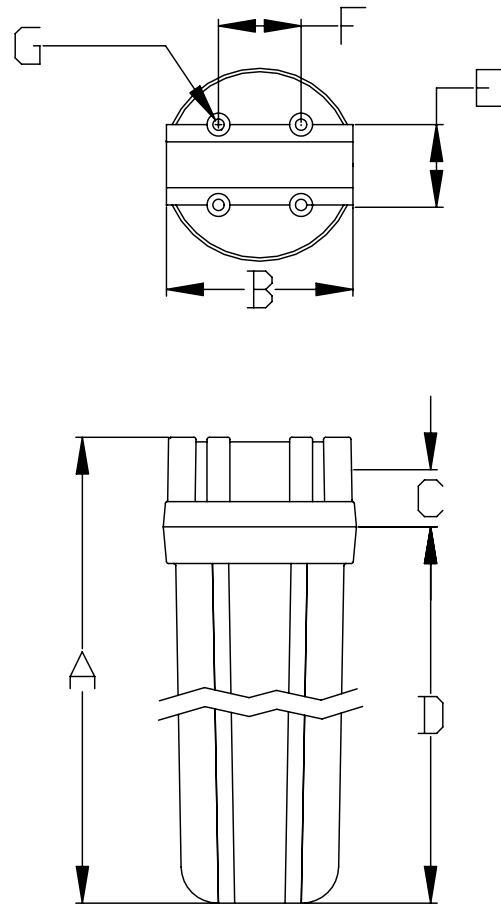
Max. Pressure: 125 psi (8.61 bar) - 2.5" element housing  
100 psi (6.90 bar) - 4.5" element housing

\*Drawings on reverse side

## Stainless Steel Housing



## Plastic Filter Housing



**Schroeder Meltblown Model Code:** Example: BME21025

BOX 1	BOX 2	BOX 3	BOX 5
<b>Filter Series</b>	<b>Element Size</b>	<b>Element Length</b>	<b>Micron Rating</b>
<b>BME</b>	2 2.5" OD 4 4.5" OD	5 4-7/8" (2.5" OD only) 10 9-7/8" 20 20" 30 30" (2.5" OD only) 40 40" (2.5" OD only)	01 1μ 05 5μ 10 10μ 20 20μ 25 25μ 50 50μ 75 75μ



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