

# Schroeder Meltblown Plastic 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 (page 43), 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 1µ while still maintaining a low pressure drop. This product line offers various sizes and styles of housings to fit a wide variety of application.

## Specifications

Housing Flow Rate: 40 gpm (151 L/min)

Housing Material: Polypropylene

Cap: Polypropylene

O-ring: Viton or Buna-N

Max. Temperature: 100°F (37.7°C)

Max. Pressure: 125 psi (6.90 bar) for 2.5" diameter element housings  
100 psi (8.63 bar) for 4.5" diameter element housings

## Model Code

### How to Build a Valid Model Number for a Schroeder Meltblown Plastic Housing:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9
BCH								

**Example:** NOTE: One option per box

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9	
BCH	1	2	10	PP	34	B	0	0	= BCH1210PP34B00

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5
<b>Filter Series</b>	<b>Number per housing</b>	<b>Diameter</b>	<b>Cartridge Length</b>	<b>Housing Material</b>
BCH	1	2 2.5" 4 4.5"	10 10" 20 20"	PP Polypropylene head and bowl

BOX 6	BOX 7	BOX 8	BOX 9
<b>Connection Size</b>	<b>Seal Material</b>	<b>Pressure Rating</b>	<b>Pressure Relief Button</b>
34 3/4" NPT 1N 1" NPT 15 1.5" NPT	B Buna-N V Viton	0 125 psi for 2.5" dia. 100 psi for 4.5" dia.	0 no button P button in cap

NOTE: Elements Sold Separately. See page 43 for Schroeder Meltblown replacement elements  
\* Shaded selections are standard

# Schroeder Meltblown Stainless Housing



The Schroeder Meltblown depth filter cartridges and housings are a reliable, versatile and low cost solution to numerous filtration needs. These graded density elements (page 43), 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 1µ while still maintaining a low pressure drop. This product line offers various sizes and styles of housings to fit a wide variety of application.

Housing Flow Rate: up to 110 gpm (416 L/min)

Housing Material: stainless steel (304 or 316)

O-rings: Viton or EPDM

Max Working Pressure: 150 psi @ 200° F

## Specifications

### How to Build a Valid Model Number for a Schroeder Meltblown Stainless Housing:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8
BBH							

**Example:** NOTE: One option per box

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	
BBH	7	2	10	304	2M	E	1	= BBH72103042ME1

## Model Code

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5
<b>Filter Series</b>	<b>Number per housing</b>	<b>Diameter</b>	<b>Cartridge Length</b>	<b>Housing Material</b>
BBH	7	2 2.5"	10 10" 20 20" 30 30" 40 40"	304 304 Stainless Steel 316 316 Stainless Steel
BOX 6	BOX 7	BOX 8		
<b>Connection Size</b>	<b>Seal Material</b>	<b>Pressure Rating</b>		
2M 2"MNPT	E EPDM V Viton	1 150 psi		


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NOTE: Elements Sold Separately. See page 43 for Schroeder Meltblown replacement elements  
 \* Shaded selections are standard