



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.

Specifications

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

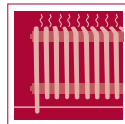
Industries Served



CHEMICAL PROCESSING



INDUSTRIAL



THERMAL TRANSFER



POWER GENERATION



PULP & PAPER



STEEL MAKING



WASTE WATER TREATMENT

Cartridge Housings and Elements



How to Build a Valid Model Number for an Absolute (ACE) Element:

BOX 1	BOX 2	BOX 3	BOX 4
ACE			

Example: NOTE: One option per box

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

= ACE21025

BOX 1	BOX 2	BOX 3	BOX 4
Filter Series	Element Size	Element Length	Micron Rating
ACE	2 = 2.5" OD	10 = 9 - 7/8" 20 = 20" 30 = 30" 40 = 40"	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 Model Number Selection

DCE

PP

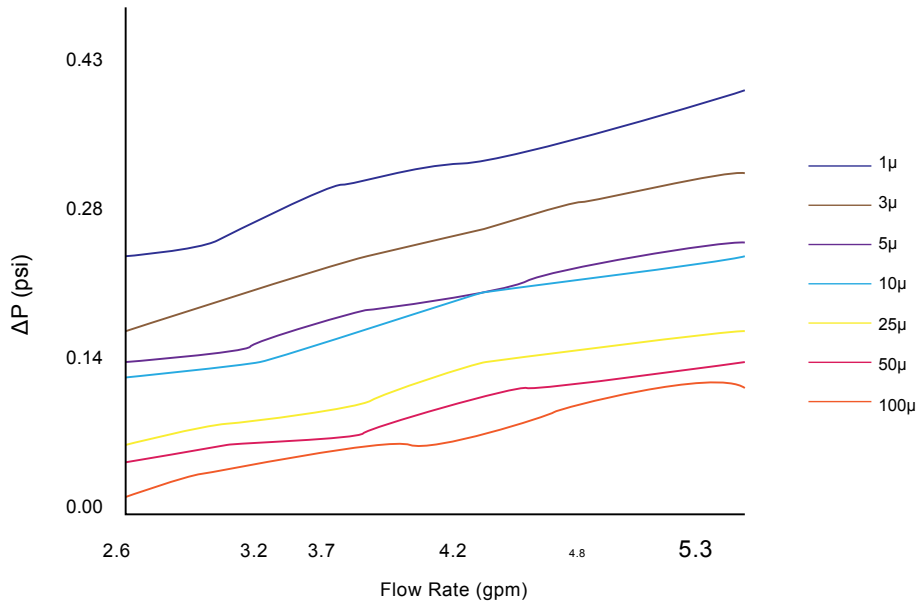
ACE

CH1

CH3 -CH7

CH12-CH24

RMF



Filter Data