Schroeder Process Meltblown Elements

Introduction

The Schroeder Process melt blown elements 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 are particles pass to the inner part of the element where they are trapped. This allows for higher dirt holding capacity and longer element life.

Features

- Meet FDA Regulation 21CRF177.1520
- Polypropylene construction provides broad chemical compatibility
- Graduated density provides twice the life of other manufacturers
- Continuous fiber matrix prevents media migration
- Thermally bonded fiber matrix provides dimensionally stable construction
- Superior inter-layer bonding eliminates contaminant unloading and channeling
- Fixed pore structure provides optimum particle retention
- Finish-free construction provides optimum fluid purity and eliminates foaming condition

Applications

- Aerosol Products
- Food & Beverage
- Chemicals
- Coolants
- Detegents
- DI Prefilters
- Juices
- Process Water
- Pharmaceuticals
- Plating Solutions
- RO Prefilters
- Waste Effluent
- Water

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Specifications:

Media:	Polypropylene
Material:	100% Melt Blown Micro PP Fiber
Micron Ratings:	1µm, 3µm, 5µm, 10µm, 25µm, 50µm, 75µm, 100µm, 150µm
Outside Diameter:	2.5 inch (63 mm) or 4.5 inch (114 mm)
Maximum operating temperature:	160°F (70°C)
Efficiency:	98%

Pressure Drop: