

The AJR-*PLEAT* FTL and FTLS series of molded end top loading pleated dust filter elements are engineered to fit industry standard 5.0" and 5.125" diameter tubesheet holes. The FTL and FTLS series fit tubesheets up to 3/16" thick and can be used for either tubesheet hole diameter by changing the precision-engineered stainless steel snap ring, included with each filter to provide a dust-tight seal. The FTL has a top flange diameter of 5.75". The FTLS has a smaller 5.38" top flange diameter for installation in existing dust collectors with a tight centerline distance between bag spots.



Standard Construction Features:

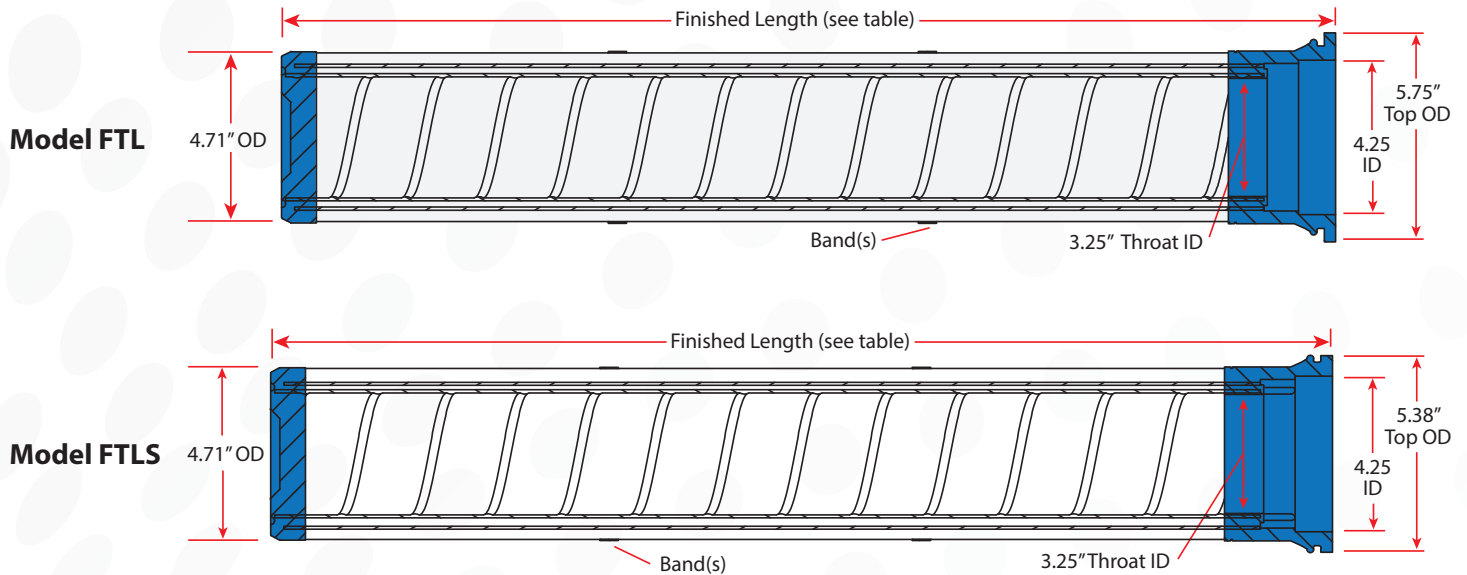
- 100% spun bond polyester filter media
- Molded FDA compliant urethane top and bottom
- 225° F (107° C) continuous operating temperature
- Open pleat spacing; shallow pleats
- Expanded metal galvanized core
- Strong and secure woven polyester outer bands

Media Options

- **SB** – Spun Bond Polyester
- **SBHO** – Hydro & oleo-phobic finish to repel water and oil
- **SBAL** – Aluminized finish for static dissipation
- **SBPTFE** – High-quality PTFE membrane bonded to surface
- **SBCBPTFE** – Carbon impregnated spun bond with PTFE membrane

Custom Construction Options

- Choice of finished length and pleat count
- Choice of cores: polypropylene or stainless steel, rolled or perforated
- Higher temperature construction to 265° F available
- Grounded design
- Riveted bands



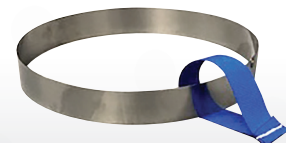
Finished Length	Number of Bands	Media area 30 pleats	Media area 45 pleats	Media area 60 pleats
16 Inches	1	6.8 sq. ft.	10.2 sq. ft.	13.6 sq. ft.
31 Inches	2	14.2 sq. ft.	21.3 sq. ft.	28.4 sq. ft.
61 Inches	4	28.9 sq. ft.	43.4 sq. ft.	57.9 sq. ft.
81 Inches	6	38.8 sq. ft.	58.2 sq. ft.	77.6 sq. ft.

Dimensions and filter areas are shown for common configurations. Numerous finished length and pleat count variations are available. Contact AJR for more information.

Benefits of AJR-*PLEAT* pleated bags compared to traditional fabric bags

- One piece filter (plus snap ring) cuts filter changing time in half – no separate bag cage to deal with
- Filters are washable and reusable in most cases
- Wide shallow pleats handle high dust loads
- Surface loading media releases desired powdered product in process applications
- Rugged and durable construction increases filter life for reduced maintenance requirements
- Collection efficiencies 10 X or higher vs. a traditional polyester bag
- Surface loading media operates at a lower pressure drop – saves energy
- Lower pulse pressures required for cleaning
- Materials of construction are tolerant of a wide range of process chemicals

AJR-*PLEAT* FTL and FTLS Series fit many common industry top bag removal dust collectors including MikroPul/Pneumafil/Nederman, Fuller, Horizon, PVS Process, Vac-U-Max, MAC (Schenck), Waltz Holst, Carborundum, Sly, ARS, Hoffman, and more.



Each AJR-*PLEAT* FTL and FTLS pleated bag filter includes a separate snap ring. Install this ring after the filter is in place to ensure a dust-tight seal.