

The AJR-PLEAT MBL series of molded end pleated dust filter elements are engineered to fit common industry 4-5/8" diameter bottom bag removal dust collector styles with integral bag cups/hubs. The long molded boot allows the existing venturi to sit above the top of the filter to maximize the effective filtration area of the filter. After installation a worm gear clamp is applied to the top outer groove to complete the seal.

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

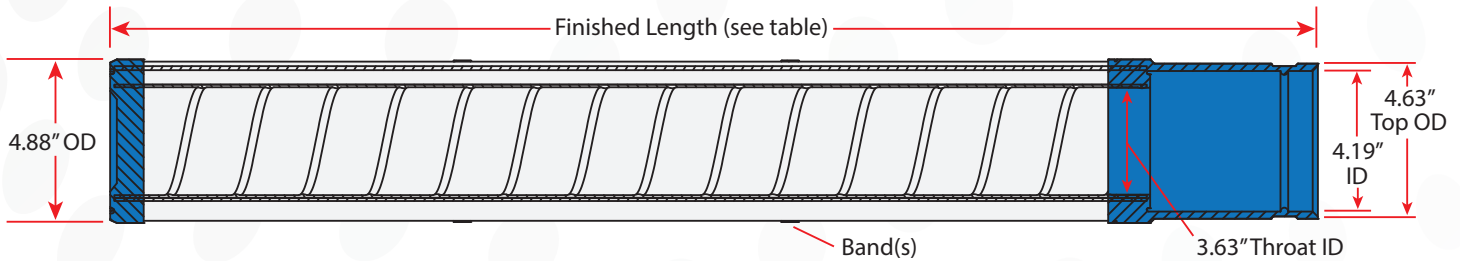


Media Options

- **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
- Customizable pleat counts
- Grounded design
- Riveted bands



Finished Length	Number of Bands	Media area 30 pleats	Media area 45 pleats	Media area 60 pleats
15 Inches	0	2.5 sq. ft.	3.7 sq. ft.	4.9 sq. ft.
24 Inches	1	4.7 sq. ft.	7.1 sq. ft.	9.4 sq. ft.
32 Inches	2	6.7 sq. ft.	10.1 sq. ft.	13.4 sq. ft.
45 Inches	3	10.0 sq. ft.	15.0 sq. ft.	19.9 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 clamp) 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* MBL Series fits common bottom bag removal dust collectors from Nederman/MikroPul/Menardi and Aeropulse and other brands modeled after the 4-5/8" diameter filter style.



Complete the installation of the MBL filter with a stainless-steel worm gear hose clamp (by others)