

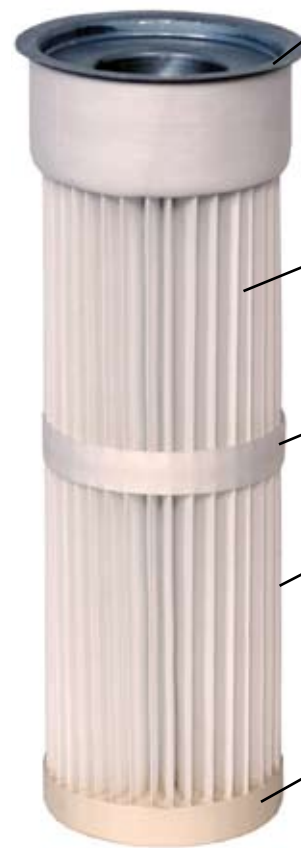


## Pleat+Plus<sup>®</sup> Top Load Filters - DSS (Dual Seamless Seal) Design

**P**leat+Plus<sup>®</sup> pleated filter elements can revitalize your dust collection system, by solving the most common baghouse problems: lack of capacity, short filter life, and low efficiency. Pleat+Plus<sup>®</sup> filter elements can increase the filtration surface area in your present baghouse system facilitating higher throughputs, longer life, and higher efficiencies.

Below are a few of the astonishing benefits that Midwesco's Pleat+Plus<sup>®</sup> filters can offer you:

- Increased volume at lower differential pressure
- Operate at appreciably higher filtration efficiencies
- Spun bond medias using EPA/ETV verified media from the EPA.
  - Better cleaning efficiency & faster return to operating airflow.
  - Achieve filtering efficiencies of 99.99362% for PM 2.5 compliance.
- One-piece design eliminates the need for filter bags, cages, and accessories.
  - Reduced downtime and maintenance costs
  - Elimination of inlet abrasion in filter bags
- Optimized collector due to higher CFM throughput



Metal top construction and DSS design allows for a superior fit and dust-tight seal to prohibit tube sheet leaks. Metal top can also withstand higher operating temperatures versus urethane tops, that can rot and split.

Wide and shallow pleat design that is customized for your specific application and to improve dust cake release.

Pleat anchored band with riveted overlap reduce failures in heavy industrial applications (Designs operating at 275°F +).

Positive sonic welded seaming provides a permanent seam that will not fail due to heat, moisture, or chemical conditions.

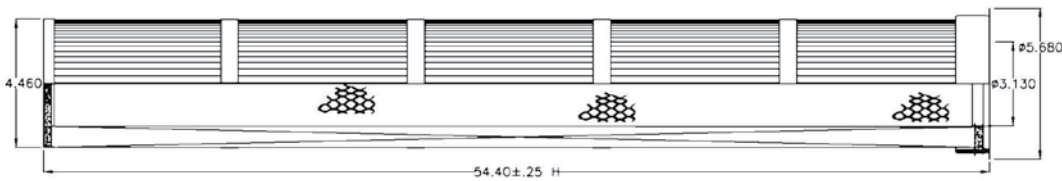
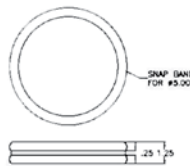
Molded bottom integrates a universal pleat spacing and inner core rest-up, proving a stronger more complete inter-locking adhesive seal.

Non-woven, spun bond media features a surface filtration finish that is calendered and compacted to resist penetration by the collected particulate.

Operational up to 275°F (135°C)



5.25" Diameter x 0.60" Pleat Height



Media Options

- Spun bond polyester (standard)
- Spun bond polyester with hydro and oleophobic treatment
- Spun bond polyester grounded with aluminized anti-static surface
- Spun bond polyester with ePTFE membrane laminate
- Spun bond polyester with grounded carbon impregnation ePTFE membrane laminate
- Aramid felt (also available with ePTFE laminate finish)
- PPS felt (also available with ePTFE laminate finish)

Construction Options

- High temperature components
- Customized lengths and diameters
- Customized pleat counts
- Galvanized or stainless steel metal top
- Hard polyurethane integrated molded bottom (IMB)

Overall Length	Media Area 30 Pleats*	Media Area 35 Pleats*	Media Area 40 Pleats*	Media Area 45 Pleats*
20.40"	5.00 ft <sup>2</sup>	5.83 ft <sup>2</sup>	6.67 ft <sup>2</sup>	7.50 ft <sup>2</sup>
40.40"	10.00 ft <sup>2</sup>	11.67 ft <sup>2</sup>	13.33 ft <sup>2</sup>	15.00 ft <sup>2</sup>
54.40"	13.50 ft <sup>2</sup>	15.75 ft <sup>2</sup>	18.00 ft <sup>2</sup>	20.25 ft <sup>2</sup>
80.40"	20.00 ft <sup>2</sup>	23.33 ft <sup>2</sup>	26.67 ft <sup>2</sup>	30.00 ft <sup>2</sup>

\* Custom lengths and pleat counts available upon request.



Discover the difference and savings Pleat+Plus<sup>®</sup> can make in your baghouse by calling us today!  
 1.800.336.7300 or +1.540.667.8500