

Data Sheet

BHA® PulsePleat® DSS Metal Top Filter Elements

BHA PulsePleat filter elements can revitalize your dust collection system, by solving the most common baghouse problems: lack of capacity, short filter life, and low efficiency. PulsePleats 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 benefits:

- Increased volume at lower differential pressure
- Operate at appreciably higher filtration efficiencies
- Spunbond 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, plus easier removal.
 - Reduced downtime and maintenance costs
 - Elimination of inlet abrasion in filter bags
- Optimized collector due to higher CFM throughput
- Up to 400F (204C) maximum operating temperature

Galvanized metal top and DSS design allows for superior fit with visual verification cuff is installed. Dust-tight seal to prohibit tube sheet leaks. Metal top can also withstand higher operating temperatures.

265°F (130°C) continuous
operating temperature
(Low temperature design)

Wide and shallow pleat
design customized for your
unique application and to
improve dust cake release

Standard Lengths from 19"
(0.5m) to 79" (2.0m)

Expanded
galvanized
spiral helix
inner core

High filtration
efficiency,
100%
Spunbond
polyester
media

Molded
urethane
bottom



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Wide Range of Tubesheet Diameters Available

Tubesheet Hole Diameters Available	FLANGE OD "A"
4.78" (121.4mm)	5.68" (144.3mm)
5.00" (127.0mm)	
5.13" (130.3mm)	
5.25" (133.3mm)	
5.31" (134.9mm)	
5.38" (136.7mm)	
5.63" (143.0mm)	6.68" (169.7mm)
6.00" (152.4mm)	
6.13" (155.7mm)	
6.20" (157.5mm)	
6.25" (158.8mm)	
6.38" (162.0mm)	
6.45" (163.8mm)	
6.50" (165.1mm)	
6.56" (166.6mm)	7.25" (184.2mm)
6.75" (171.5mm)	
7.00" (177.8mm)	
7.48" (190.0mm)	8.15" (207.0mm)
8.13" (206.5mm)	8.68" (220.5mm)
8.75" (222.3mm)	9.42" (239.3mm)

Construction Options

- Stainless steel metal components
- Special pleat counts, lengths and diameters
- Designs to fit up to 0.25" (6.35mm) thick tubesheets
- Customized lengths and diameters
- Higher temperature components

Available Media

- PE806: Spunbond polyester (standard)
- PE922: Spunbond polyester with full fiber immersion for oil/water resistance
- PE825: Anti-static polyester
- QP806: BHA Preveil® ePTFE membrane laminated to spunbond polyester
- QP825: BHA Preveil ePTFE membrane laminated to anti-static polyester
- NX821: Aramid media
- QN821: BHA Preveil ePTFE membrane laminated to aramid media
- RY811: PPS media
- QR811: BHA Preveil ePTFE membrane laminated to PPS media

