

PLEATED FILTER ELEMENTS

Bottom Load Style 4-3/16", 45 pleats

Specification

- Bottom load style pleated filter element (PFE)
- Fits most industry standard 4-3/16" (10.64 cm) diameter venturi/bag cup connections
- Designed for smaller sized venturi bell mouth (<3.3" (8.38 cm) diameter) or designs without venturis
- Short profile polyurethane top boot maximizes available filter area in shorter filter designs
- Replaces 4-5/8" (11.75 cm) diameter bag and cage assembly

Standard Configuration

- 3.6" (91 mm) inner core diameter
- 0.71" (18 mm) nominal pleat depth
- Standard pleat count - 45 pleats
- Molded top boot and bottom puck made from bright white soft polyurethane rated to 225°F (107°C)
- Polyurethane, polypropylene and polyester components are safe for food contact

Options

- Special pleat counts (available range: 35-50 pleats)
- Polypropylene Core rated to 180°F (82°C)
- Galvanized and SS perforated metal (spiral formed) for temperatures > 180°F and for high pressure/vacuum applications.
- Grounded designs (with conductive media, metal core and stainless steel grounding wire extensions)

Filter Media

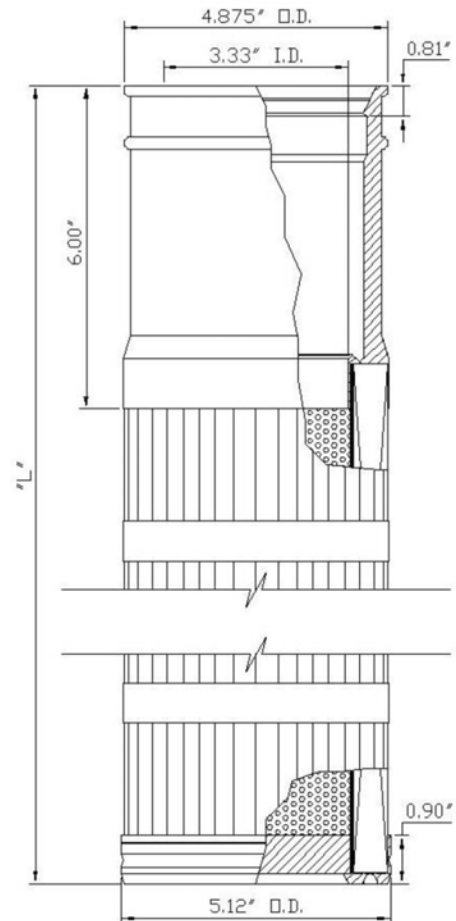
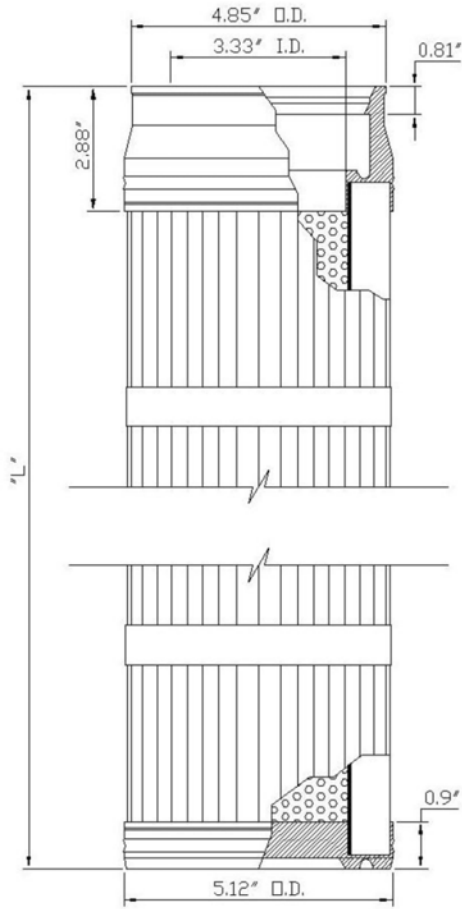
- Base filter media: 100% spunbond polyester (SPBE)
- Filtration efficiency: >99.9% for particle size range between 0.2 μ-2.0 μ - BGIA Dust Class "M" rating
- Weight: 8.0 oz/yd² (260 g/m²)

- Permeability: 15-30 acfm Frazier permeability at 0.5" (12.7 mm) w.g dP
- Mullenburst strength: 350 psi

MEDIA DESIGNATION	MEDIA DESCRIPTION
FM0103	100% spunbond polyester (SBPE)
FM0105	100% SBPE with hydrophobic & oliophobic finish
FM0109	100% SBPE with conductive grid
FM0203	100% SBPE with ePTFE membrane
FM0209	100% SBPE with conductive grid & ePTFE membrane

PLEATED FILTER ELEMENTS

Diagrams - Bottom Load Style 4-3/16", 45 pleats



NOMINAL LENGTH	OVERALL LENGTH "L"	FILTER AREA (sf) @ 45 pleats	NO. OF STRAPS
1.64' (0.5 m)	21.7" (55.12 cm)	8.7	1
2.20' (0.67 m)	28.2" (71.63 cm)	11.6	2
3.28' (1.0 m)	41.4" (1.05 m)	17.5	3
4.59' (1.4 m)	57.1" (1.45 m)	24.5	4
6.56' (2.0 m)	80.8" (2.05 m)	35.0	6

NOMINAL LENGTH	OVERALL LENGTH "L"	FILTER AREA (sf) @ 45 pleats	NO. OF STRAPS
1.64' (0.5 m)	25.0" (63.5 cm)	8.8	1
3.28' (1.0 m)	44.7" (1.14 m)	17.5	3
4.59' (1.4 m)	60.4" (1.53 m)	24.5	4
6.56' (2.0 m)	84.1" (2.14 m)	35.0	6

PLEATED FILTER ELEMENTS

Bottom Load Style - 5-1/8", 45 pleats

Specification

- Bottom load style pleated filter element (PFE)
- Fits most industry standard 5-1/8" (13.02 cm) diameter venturi/bag cup connections
- Designed for smaller sized venturi bell mouth (<3.3" (8.38 cm) diameter) or designs without venturis
- Short profile polyurethane top boot maximizes available filter area in shorter filter designs
- Replaces 5-3/4" (14.61 cm) diameter bag and cage assembly

Standard Configuration

- 3.6" (91 mm) inner core diameter
- 1.0" (25 mm) nominal pleat depth
- Standard pleat count - 45 pleats
- Molded top boot and bottom puck made from bright white soft polyurethane rated to 225°F (107°C)
- Polyurethane, polypropylene and polyester components are safe for food contact

Options

- Special pleat counts (available range: 35-60 pleats)
- Polypropylene Core rated to 180°F (82°C)
- Galvanized and SS perforated metal (spiral formed) for temperatures > 180°F and for high pressure/vacuum applications.
- Grounded designs (with conductive media, metal core and stainless steel grounding wire extensions)

Filter Media

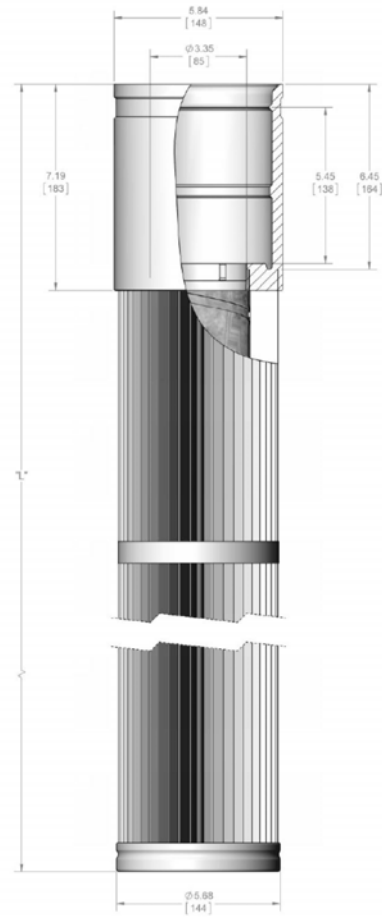
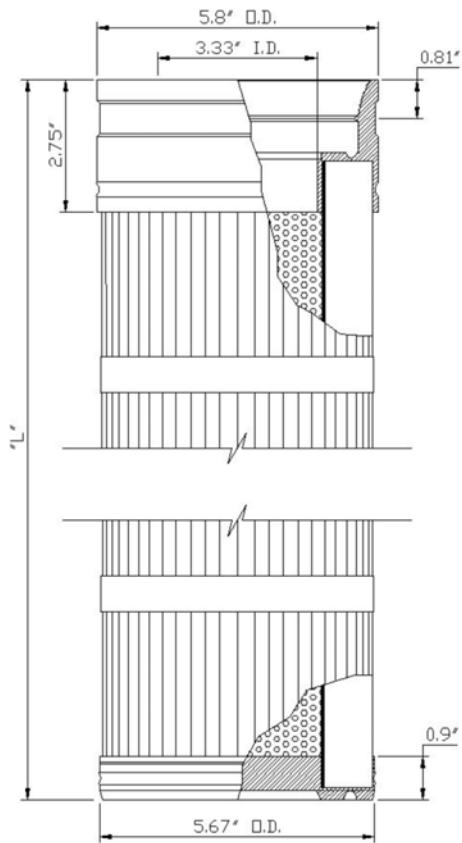
- Base filter media: 100% spunbond polyester (SPBE)
- Filtration efficiency: >99.9% for particle size range between 0.2 μ-2.0 μ - BGIA Dust Class "M" rating
- Weight: 8.0 oz/yd² (260 g/m²)

- Permeability: 15-30 acfm Frazier permeability at 0.5" (12.7 mm) w.g dP
- Mullenburst strength: 350 psi

MEDIA DESIGNATION	MEDIA DESCRIPTION
FM0103	100% spunbond polyester (SBPE)
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FM0209	100% SBPE with conductive grid & ePTFE membrane

PLEATED FILTER ELEMENTS

Diagrams - Bottom Load Style - 5-1/8", 45 pleats



NOMINAL LENGTH	OVERALL LENGTH "L"	FILTER AREA (sf) @ 45 pleats	NO. OF STRAPS
1.64' (0.5 m)	21.6" (54.86 cm)	12.3	1
3.28' (1.0 m)	41.3" (1.05 m)	24.6	3
4.59' (1.4 m)	57.0" (1.45 m)	34.5	4
6.56' (2.0 m)	80.7" (2.05 m)	49.2	6

NOMINAL LENGTH	OVERALL LENGTH "L"	FILTER AREA (sf) @ 45 pleats	NO. OF STRAPS
1.64' (0.5 m)	26.3" (66.80 cm)	12.3	1
3.28' (1.0 m)	46.0" (1.17 m)	24.6	3
4.59' (1.4 m)	61.8" (1.57 m)	34.5	4
6.56' (2.0 m)	85.4" (2.17 m)	49.2	6

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PLEATED FILTER ELEMENTS

Bottom Load Style - 5-1/8", 45 pleats

Specification

- Bottom load style pleated filter element (PFE)
- Fits most industry standard 5-1/8" (13.02 cm) diameter bag cup/hub connections
- Designed for all sized venturi bell mouth (up to 3-3/8" (9.53 cm) diameter) or designs without venturis
- Universal boot combines larger core (to accommodate all sized venturis) and deep pleat 1.18" (30 mm) to maximize available area in short profile designs
- Replaces 5-3/4" (14.61 cm) diameter bag and cage assembly

Standard Configuration

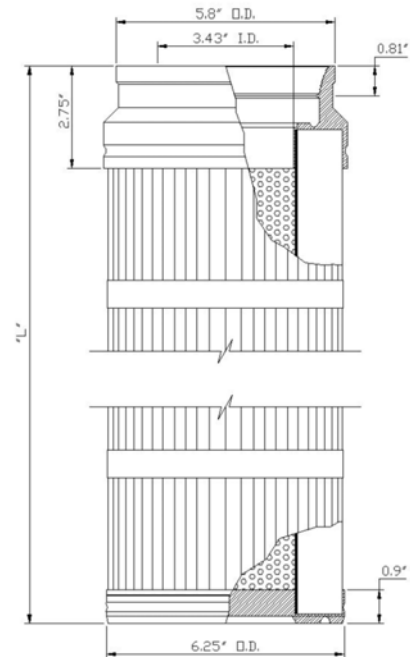
- 3.89" (99 mm) inner core diameter
- 1.18" (30 mm) nominal pleat depth
- Standard pleat count - 45 pleats
- Molded top boot and bottom puck made from bright white soft polyurethane rated to 225°F (107°C)
- Polyurethane, polypropylene and polyester components are safe for food contact

Options

- Special pleat counts (available range: 35-60 pleats)
- Polypropylene Core rated to 180°F (82°C)
- Galvanized and SS perforated metal (spiral formed) for temperatures > 180°F and for high pressure/vacuum applications.
- Grounded designs (with conductive media, metal core and stainless steel grounding wire extensions)

Filter Media

- Base filter media: 100% spunbond polyester (SPBE)
- Filtration efficiency: >99.9% for particle size range between 0.2 μ-2.0 μ - BGIA Dust Class "M" rating
- Weight: 8.0 oz/yd² (260 g/m²)



NOMINAL LENGTH	OVERALL LENGTH "L"	FILTER AREA (sf) @ 45 pleats	NO. OF STRAPS
1.64' (0.5 m)	21.6" (54.86 cm)	14.5	1
3.28' (1.0 m)	41.3" (1.05 m)	29.1	3
4.59' (1.4 m)	57.0" (1.45 m)	40.7	4
6.56' (2.0 m)	80.7" (2.05 m)	58.1	6