



# FM1 Breather

- FM1 is a 100% polyester needle felt.
- The FM1 breather bags are designed for breathing applications such as venting hoppers and other contained vessels.
- The BFM® breather may become required as the BFM® connectors create a 100% sealed system.

✓ VIBRATION	✗ OSCILLATION	✗ COMPRESSION	✗ DUST TIGHT	✗ 3	✓ FDA	✓ EC1186/2004	✗ ATEX
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## Physical Properties

Fibre	Polyester multi-filament scrim supported needle felt
Construction/Finish	Heat set, singed & superglazed one side
Colour	White
Thickness	1.7mm / 1/16 inch
Weight	550 g/m <sup>2</sup> 16.22 oz/yd <sup>2</sup>
Max. Operating Temp	130°C / 266°F
Max. Surge Temp	150°C / 302°F
Bursting Strength	45.7 kg + 100.75 lb +
Surface Resistance (Ohms)	10 <sup>8</sup>
Air Permeability (cm <sup>3</sup> /cm <sup>2</sup> /sec@125Pa)	17
(ft <sup>3</sup> /ft <sup>2</sup> /min@0.5" wg)	33

Note: 125 Pa = 0.5" wg

### Compliance:

FM1 is compliant with :  
FDA 177.2800 and EU No 10/2011, EN1186-3:2002, 1935/2004.