

# 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.



## 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

### AVAILABLE SIZES: (In 50mm (2") increments)

Diameter Ø100mm - 650mm  
(also available in 125mm/5") (Ø4" - 25 19/32")

Length 100mm - 1,000mm  
(4" - 39 1/2")

*(Size range is in mm, so inch conversions are approximate only. Restrictions apply for larger diameters, or when anti-collapse rings or TR versions used. Refer to 'Connector Sizes' for more information)*

## COMPLIANCE:

Complies with the following regulations:  
FDA 21 CFR 177.2800, (EC) 1935/2004 & 10/2011