



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 ² 16.22 oz/yd ²
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 ⁸
Air Permeability	(cm ³ /cm ² /sec@125Pa) 17 (ft ³ /ft ² /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.
 The BFM® cuff and spigot system is a 3A certified 63-04 sanitary fitting.