



# LM4

- LM4 is 100% woven Polyester.
- BFM® LM4 connectors are predominantly used in applications where air needs to be vented through the walls of the flexible connector
- Used for higher temperature environments (up to 130°C/266°F)



## PHYSICAL PROPERTIES:

Fibre	100% Polyester
Colour	White
Construction/Finish	Multi-filament plain weave, calendered
Weight	393 g/m <sup>2</sup> / 11.6 oz/yd <sup>2</sup>
Operating Temp Range	-40 to 130°C -40 to 266°F
Max. Surge Temp	150°C / 302°F
Low Temp/Flexibility	Good
Surface Resistivity (Ohms) <i>(Test Standard ASTM D-257)</i>	10 <sup>9</sup>
Minimum Tensile Strength measured as a force over a 25mm wide Ravel Strip <i>(Test Standard: ASTM 5034)</i>	Fabric Warp 293) kgf/25mm Weft 230)
Air Permeability	
	(cm <sup>3</sup> /cm <sup>2</sup> /sec@125Pa) 0.4 (ft <sup>3</sup> /ft <sup>2</sup> /min@0.5" wg) 0.8
	(cm <sup>3</sup> /cm <sup>2</sup> /sec@200Pa) 0.5 (ft <sup>3</sup> /ft <sup>2</sup> /min@0.8" wg) 1.1

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

Diameter <i>(also available in 125mm/5")</i>	Ø100mm - 1,650mm (Ø4" - 65")
Length	80mm, 100mm - 1,500mm (3", 4" to 59 1/8")

*(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:

Atex Compliant: IBExU tested. Can be used in all dust & gas explosion hazardous areas (restrictions apply).

Complies with the following regulations:  
FDA 21 CFR 177.2800, (EC) 1935/2004, 2023/2006 & 10/2011