



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)



Physical Properties

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

Note: 125Pa = 0.5"wg & 200Pa = 0.8"wg

Compliance:

Atex Compliant: IBExU tested. Can be used in all explosion hazardous areas. (Some restrictions apply - a copy of certification is available on request).
 For food contact, LM4 itself fulfils the requirement of:
 Directives 1935/2004 and 10/2011 and FDA CFR21, part 177.2800.

*Tested to ASTM D-257