



# 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>
Max. Operating Temp	130°C / 266°F
Max. Surge Temp	150°C / 302°F
Low Temp/Flexibility	Good
Surface Resistance (Ohms)*	10 <sup>9</sup>
Average Tensile Strength (kg) Test Standard: ASTM 5034	Warp 522 Weft 745
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

Note: 125 Pa = 0.5" wg

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 177.1950.

\*Tested to ASTM D-257