

## Certificate of Technical Performance

Product Name: **FIRE CLOAK – Lithium Battery Fire Blanket**  
SKU: **LBB 6143**

### Material Description:

Ultra-high Silica content fabric with fire resistant grey silicone coating to both sides. Reinforced corners with heavy duty silicone fabric pull handles. All seams and handles stitched with high temperature resistant thread.

Dimensions: **4 x 3 metres** – Weight: **c.10.2Kg**.

### Material Specification – as per BS EN 112127:1998

	Units	Value	Tolerance
Weight	g/m <sup>2</sup>	700	±5%
Thickness	mm	0.65	
Fire Resistant Coating	g/m <sup>2</sup>	280 (140 each side)	±10%
Tensile Strength – <b>ISO 4606:1995</b>			
Warp	N/5cm	>4000	
Weft	N/5cm	>2000	

### Material Data:

Temperature Resistance: **Base fabric will withstand 1,000°C (unstressed)**

Melting Point: **>1,600°C**

Shrinkage: **<7%, tested at 900°C for 4 hours**

BS EN ISO 811: 2018	Hydrostatic Pressure Test	avg. result	44cm/H <sub>2</sub> O (Mbar)
BS EN ISO 9237: 1995	Air Permeability	avg. result	0.06mm/sec
BS 7209: 1990	Water Vapour Permeability		187.2g/m <sup>2</sup> WVPI 22.0%

*Although not yet\* tested to BS EN 13501-1:2018, and based on experience of this product type our technical fabric manufacturer is of the opinion that LBB6143 would achieve an A1 Reaction to fire classification.*

*\*as at January 2024*

I declare that the above information is a true and accurate reproduction of test results.



Andrew Coulton – Managing Director

