

FIRE CLOAK™ – Lithium
Battery Fire Blanket



Dimensions: 4 x 3 metres | Weight: c.10.2Kg | SKU: LBB 6143

Material Description: Specially modified Ultra-high Silica content fabric with fire resistant grey silicone coating to both sides. 4 x heavy-duty, fire-resistant pull handles to corners with triple layer reinforced mounting points. Leading edge handles are red, all others black. All seams and handles stitched with high temperature resistant thread.

Material Specification as per BS EN 112127:1998

	Units	Value	Tolerance
Weight	g/m ²	700	≤5%
Thickness	mm	0.65	
Fire Resistant Coating	g/m ²	280 (140 each side)	≤10%
Tensile Strength – BS EN ISO 13934-2:2014			
Warp	N/5cm	8,800	
Weft	N/5cm	6,435	
Tear Strength	N	>128	≤2%
Burst Strength	kPa	>1000	≤4%
Cut Resistance		LEVEL C	

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
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Test Standard	Parameter	Average result
BS EN ISO 811: 2018	Hydrostatic Pressure Test	44cm/H ₂ O (Mbar)
BS EN ISO 9237: 1995	Air Permeability	0.06mm/sec
BS 7209: 1990	Water Vapour Permeability	187.2g/m ² 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 October 2025

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

Andy Coulton

Andrew Coulton | Managing Director

