



PROFESSIONAL/FIRST RESPONDER

LITHIUM FIRE BLANKET

The ultimate solution for blocking fire in open lithium batteries





BRIDGEHILL®
WE SIMPLY BLOCK FIRE

PROFESSIONAL/ FIRST RESPONDER

LITHIUM FIRE BLANKET



For instruction videos
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Product information

- The ultimate solution for blocking and isolating lithium battery fires- such as in open battery fires, e-scooters, and e-bikes
- Immediately Isolates toxic gases and smoke
- Protecting civilians from carcinogen exposure
- Delivered in a smartbag
- EN 13501-1: Reaction to fire classification A1
- EN ISO 1716: Determination of the gross heat of combustion
- EN ISO 1182: Non-combustibility test
- EN 1869:2019: Fire Blankets

Ideal for:

Car manufacturers – industries Involving lithium batteries –
recycling stations – auto repair, and other workshops



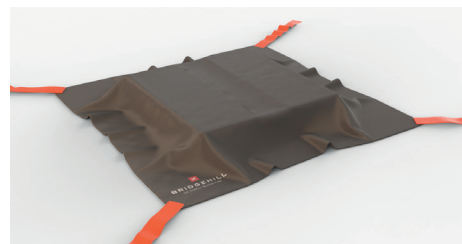
How to use

Handled by:

1. Gently cover the burning battery.
2. We advise enclosing the lithium fire blanket with an additional, larger fire blanket to effectively isolate the toxic smoke and fumes emanating from the battery.

WARNING:

Use proper protection and breathing apparatus (BA) due to the release of toxic gases from the burning battery. The blankets needs to fully cover the object, and leave it to the firefighters to assess the situation.



ALWAYS CALL THE FIRE DEPARTMENT!



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TECHNICAL SHEET

LITHIUM FIRE BLANKET

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SKU:	Lithium Standard: 504209 Lithium Large: 504212
Size/Weight:	Lithium Standard: $\pm 1,8 \times 1,8$ m (3,24 m ²) / ± 8 kg Lithium Large: $\pm 3 \times 4$ m (12 m ²) / ± 27 kg
Core material:	2 \times 380 gsm Pyroxene, selicium filt, and BridgeTech™coating - a seven layer solution
Main usage:	Isolate the toxic smoke and fumes emanating from the battery.
Smartbag:	Airtight bag

Technical specification:

Fabric			Unit	Tolerance
Yarn	Warp Weft	300 165	Tex Tex	$\pm 5\%$
Yarn count	Warp Weft	8.0 8.0	Ends/cm Ends/cm	$\pm 5\%$
Tensile strength (typical)	Warp Weft	3200 2500	N/50mm N/50mm	\geq
Thickness	–	1.0	Cm	$\pm 5\%$
Weave pattern	–	Plain	–	–
Service temperature on core fabric	Short term ± 1600 °C Long term ± 1200 °C			

WARNING:

Always use proper protection and breathing apparatus (BA) due to the release of toxic gases from the burning battery.

In fires with high levels of conduction heat, flames may appear from the coating of the blanket. This will not alter the purpose of the blanket.

