



BRIDGEHILL®
WE SIMPLY BLOCK FIRE

LITHIUM FIRE BLANKET

THE ULTIMATE SOLUTION FOR LITHIUM BATTERY

Combines proven fire-blocking technology with specialized design for lithium-ion batteries. An essential first line of defense for workshops, warehouses, production facilities, and emergency responders.

Key Benefits

- The ultimate solution for lithium battery fires, including open battery packs in vehicles
- Immediately limits the spread of fire and prevents escalation
- Essential for car manufacturers, recycling stations, workshops, and industries handling lithium batteries

Suggested ad-on products

To isolate smoke and gases, apply a second layer using:

- Pallet Blanket: 5 × 5 m | 16.40 × 16.40 ft
- Forklift Blanket: 7 × 7 m | 23 × 23 ft
- Car Standard Blanket: 6 × 8 m | 19.8 × 26 ft

Product Features

- Designed for direct application on lithium battery packs
- Serves as the first layer over the burning battery, followed by a larger fire blanket that fully covers the object and reaches ground level to ensure containment
- Delivered in a compact smartbag for safe storage and rapid deployment
- EN ISO 1182 on the core fabric
- EN ISO 1716 on the core fabric
- EN 13501-1: Reaction to fire classification A1 on the core fabric
- Surface and volume resistivity in accordance with ASTM D257*



Size/ Weight Standard:

± 1,8 × 1,8 m | Weight ± 8 kg
± 5.9 × 5.9 ft | Weight ± 17.6 lb

Size/ Weight Large:

± 3 × 4 m | Weight ± 27 kg
± 9.8 × 13 ft | Weight ± 59.52 lb



For instruction videos
scan QR code

Smartbag:

Included with every blanket for safe storage, easy transport, and long-term usability.

- Airtight
- Equipped with shoulder straps and handles for easy transport
- Includes instruction manual in four languages
- EN 60529: 1991 (Conformity with IP65)



* Test was performed on the material system consisting of pyroxene fabric with BridgeTech™ polymer coating.



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TECHNICAL SHEET

SKU	Lithium Standard New SKU: 50030202 (replaces SKU 504209) Lithium Large New SKU: 50030204 (replaces SKU 504212)
HS Code	68159990
Size/Weight	Lithium Standard: ≤5% 1,8 × 1,8 m ± 8 kg 5.9 × 5.9 ft ± 17.6 lb Lithium Large: ≤5% 3 × 4 m ± 27 kg 9.8 × 13 ft ± 59.52 lb
Material Composition	<p>Layer Structure (7-layer composition):</p> <ul style="list-style-type: none"> • Fabric: 2 layers of ± 600 gsm Bridgetech™ Silicon Dioxide Fabric • Coating: Each side of the fabric is coated with ± 100 gsm BridgeTech™ polymer coating. Total of 4 coating layers • Mid-layer: ± 650 gsm Bridgetech™ Silicon Dioxide Fabric felt
Main Usage	Primary layer for lithium battery fires. Use with secondary blanket for full containment
Smartbag	<ul style="list-style-type: none"> • Delivered in an airtight smartbag with shoulder straps and handles for easy transport by one or two people • Zipper maintenance: Apply included silicone grease to preserve airtightness
Shelf Life	10 years shelf life. Annual visual inspection is recommended
Disposal Guidelines	Check Local Regulations
Service temperatures on core fabrics:	Short term ± 1600 °C 2912 °F Long term ± 1200 °C 2192 °F

SAFETY NOTICE

May generate static electricity from friction during use.
Not designed to protect against electric shock.
Always use proper protection and breathing apparatus (BA) due to the release of toxic gases from the burning battery.
Avoid use near flammable gases or sensitive electronic equipment.