



FRSA
Fire Rescue Safety Australia



BRIDGEHILL®

PRODUCT DATA SHEET

PROFESSIONAL/FIRST RESPONDER LITHIUM FIRE BLANKET



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:

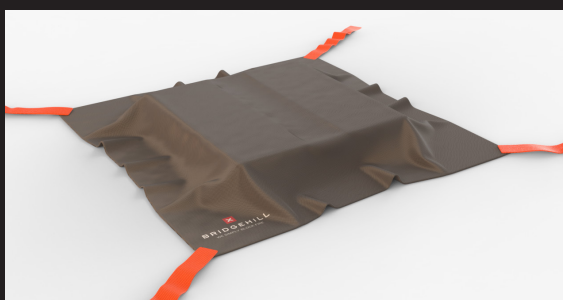
Car manufacturers – industries involving lithium batteries – recycling stations – auto repair, and other workshops

HOW TO USE

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 need to fully cover the object, and leave it to the firefighters to assess the situation.



SPECIFICATIONS

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

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

