



**FRSA**  
Fire Rescue Safety Australia



**BRIDGEHILL®**

# PRODUCT DATA SHEET

## PROFESSIONAL/FIRST RESPONDER EXTREME SERIES



### PRODUCT INFORMATION

- Isolate and extinguish small fires
- Blocks any fire, even small lithium battery fires
- Multipurpose
- Immediately isolates toxic gases and smoke, protecting civilians from carcinogen exposure
- Comes in a smartbag
- Requires no maintenance
- Metal chain integrated to add weight for easier use

Ideal for:

Battery fires - Restaurant kitchens – Industry tools  
– The recycling industry – Car manufacturers –  
Workshops – Shops or businesses that store small  
or large amounts of lithium batteries - Battery  
manufacturers - Marine - Aviation - Military

#### Small:

± 1,5 x 1,5 m  
± 7,5 kg

#### Medium:

± 3 x 3 m  
± 21 kg

#### Large:

± 5 x 5 m  
± 48 kg

### HOW TO USE

1. Take the fire blanket out of the smartbag.
2. Gently cover the burning object.
3. Make sure the fire blanket is tight all the way around the burning object. Wait at least 20 minutes.

For fire in electric scooters/tools etc. Wait for firefighters to assess the situation further. Always call emergency services.



## SPECIFICATIONS

### PROFESSIONAL/FIRST RESPONDER

|                  |  |  |  |
|------------------|--|--|--|
| SKU:             | <b>Extreme Small: 504210    Extreme Medium: 504211    Extreme Large: 504213</b>  |  |  |
| Sizes/Weight:    | <b>Small:</b><br>± 1,5 × 1,5 m (2,25 m <sup>2</sup> )<br>± 7,5 kg  | <b>Medium:</b><br>± 3 × 3 m (9 m <sup>2</sup> )<br>± 21 kg | <b>Large:</b><br>± 5 × 5 m (25 m <sup>2</sup> )<br>± 48 kg |
| Core material:   | Total six layers solution. Two layers of Pyroxene.   |  |  |
| Coating:         | Four layers of BridgeTech™ coating (Flames may occur during first time use).<br>± 550 gsm silicone<br>In fires with high levels of conduction heat, flames may appear from the coating of the fire blanket. This will not alter the performance of the fire blanket. |  |  |
| Edge on blanket: | Metal chain sewed in around the edges to add weight.   |  |  |
| Main usage:      | Blocks any small fire, even lithium battery fires.   |  |  |
| Smartbag:        | Airtight bag.<br>Smartbag care and maintenance: Use silicon grease on the zipper to keep the bag airtight and smell free.  |  |  |

| Core Fabric                          |  |              | Unit               | Tolerance  |
|--------------------------------------|--|--------------|--------------------|------------|
| Yarn                                 | Warp<br>Weft                               | 300<br>165   | Tex<br>Tex         | ± 5<br>± 5 |
| Yarn count                           | Warp<br>Weft                               | 8<br>8       | Ends/cm<br>Ends/cm | ± 5<br>± 5 |
| Tensile strength                     | Warp<br>Weft                               | 3200<br>2500 | N/50mm<br>N/50mm   | ≥<br>≥     |
| Area weight                          | -  | 1200         | G/m <sup>2</sup>   | ± 10%      |
| Thickness                            | -  | 0.40         | Mm                 | ± 5%       |
| Weave pattern                        | -  |              |                    | 4H satin   |
| Service temperatures on core fabrics | Short term ± 1600 °C<br>Long term ± 800 °C |              |                    |            |

