

PREMIUM BATTERY FIRE BLANKETS

Heat/Fire Resistance Testing

1000°C

No rupture of the fabric after several hours of application of either a point flame source or in a constant temperature furnace.

1200°C

No rupture after 30 minutes.*

1500°C

Rupture after 10 minutes.*

* The base fabric is fully oxidised and will not ignite. When subjected to temperatures above the stated operating temperature for an extended period of time, the fabric will exhibit localised degradation and become brittle

Premium battery fire blankets are capable of withstanding extremely high temperatures in an oxidising atmosphere for a prolonged period of time as well as being robust enough to offer protection against potential debris and shrapnel expelled during a battery fire event. The premium battery fire blankets are manufactured using fire retardant technical fabrics based on the highest temperature resistant silica glass fibres.

Flame deflection protection is added to these fibres as abrasion resistance using a variety of propriety surface coatings. The non-flammable, vermiculite dispersion mineral-coated glass fabric is overlaid with a sacrificial protective silicone layer.

Testing has been completed on exposed lithium-ion batteries up to 840 Wh.

- Withstand temperatures up to > 1,000°C
- Fireproof technical fabric with fire resistant coating
- Fire resistant re-enforced multi-layered edge lining
- Fire resistant industrial stitching
- Eyelets for tethering or suspending
- Handling loops on all corners



	BFB1	BFB2	BFB3
Dimensions	6,000 x 8,000mm	2,600 x 3,300mm	1,700 x 2,000mm
Bag dimensions	910 x 580 x 190mm	540 x 350 x 140mm	520 x 300 x 70mm
Weight of fire blanket	43.20kg	9.20kg	3.40kg
Weight of fire blanket in bag	44.20kg	9.70kg	3.74kg
Applications	Cars, forklift trucks, manual handling equipment	E-bikes, mobility scooters	Scooters, tools, IT equipment