

# FIRECHIEF PREMIUM BATTERY FIRE BLANKET

Designed for use with Lithium-ion  
battery packs

**FIRECHIEF<sup>®</sup>**  
making the world a safer place

**LITHIUM-ION**  
BATTERY SAFETY RANGE



**Available  
in 3 sizes**

**MODEL:**  
**PBB1**  
**PBB2**  
**PBB3**

## Features

- Working temperature up to > 1000°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



PBB2  
104-1086



# LITHIUM-ION

## BATTERY SAFETY RANGE



# FIRECHIEF PREMIUM BATTERY FIRE BLANKET

Firechief 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 Firechief Premium Battery Fire Blankets are manufactured using fire resistant technical fabrics based on the highest temperature resistant silica glass fibres.

Flame deflection protection is added to these fibres as well as abrasion resistance utilising a variety of proprietary 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.

MODEL:  
**PBB1**  
**PBB2**  
**PBB3**

PBB3 - Size and coverage suitable for cars



### 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



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### Specifications

Model Number	PBB1	PBB2	PBB3
Product Code	104-1085	104-1086	104-1087
Dimensions (mm)	1700x2000	2600x3300	6000x8000
Bag dimensions (mm)	520x300x70	540x350x140	910x580x190
Weight of blanket (kg)	3.4	9.2	43.2
Weight of blanket packed in bag (kg)	3.74	9.7	44.2
Application to include	Scooters, Tools, IT equipment	E-Bikes, Mobility Scooters	Cars, Forklift Trucks, Manual Handling Equipment