



[www.AVD FIRE.com](http://www.AVD FIRE.com)

# NEW AVD LITHIUM BATTERY FIRE BLANKETS

## THE EFFECTIVE WAY TO PROTECT AND CONTROL LITHIUM BATTERY FIRES



Are you prepared for a **lithium-ion battery fire**?

AVD Fire blankets are innovative, high performance, multi-use fire blankets that have been specifically developed for use on fires incorporating lithium-ion batteries.

They have been independently tested as effective to protect and control against the severe temperatures of lithium-ion battery fires. With a robust construction these blankets are multi-use and provide a level of protection against the shrapnel and debris expelled during a battery fire.

- Working Temperature >1000 °C/1832 °F
- Independently tested and verified for use up to 1400 °C
- Technical fabric verified for multi-use on Lithium battery fires
- Proprietary coatings offering fire resistance at extreme temperatures
- Fire resistant reinforced construction and eyelets
- Handling loops for tethering and easy application

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# NEW HIGH PERFORMANCE BATTERY FIRE BLANKET

## SPECIFICALLY DESIGNED FOR LITHIUM-ION BATTERY PACKS

AVD Fire blankets are specifically manufactured to meet the severe and prolonged temperature requirements of Lithium-ion battery fires.

- SPECIALIST BLANKET FOR EFFECTIVE PASSIVE PROTECTION FOR LITHIUM BATTERY FIRES
- CONTROLS AND SUPPRESSES LITHIUM BATTERY FIRES QUICKLY AND EFFECTIVELY
- SMALL, MEDIUM AND LARGE BLANKETS SUITABLE FOR ALL APPLICATIONS UP TO EV VEHICLES
- DELIVERED IN A CARRY BAG FOR QUICK PORTABILITY AND EASY APPLICATION
- COATINGS OFFER PROLONGED PROTECTION TO CONTROL LITHIUM BATTERY FIRES UP TO 1400 °C

Additionally, the multi-use capability of the blankets has been independently witnessed; please see the AVD Fire website for further information regarding the blanket maintenance and inspection criteria after being used on a significant fire.

### HIGH SILICA GLASS FIBRE FABRIC

The high quality fabric is manufactured from woven, high-silica glass fibre with the highest level of temperature resistance and flame deflection protection.

### SURFACE COATINGS

Proprietary refractory coating offers effective flame deflection and protection to give prolonged temperature resistance.

### OXIDIZED BASE FABRIC

The base fabric is fully oxidised making it incapable of ignition to effectively withstand the formidable thermal challenges posed by lithium-ion battery fires.

### ABRASION RESISTANCE

Coatings offer abrasion resistance and storage protection which extends the blankets' overall durability

### WORKING TEMPERATURE

1000 °C / 1832 °F with no degradation of the blanket over several hours of direct flame and constant temperature.

### TESTING & VERIFICATION

Blankets have been independently tested for effective prolonged use up to 1400 °C / 2552 °F and for multi-use on multiple battery fires up to 840 Wh.

## SMALL

Blanket size  
**1700 x 2000 mm**

Blanket weight  
~3.4 kg / 7.5 lb

Blanket weight in bag  
~3.7 kg / 8.2 lb

Dimensions of folded blanket in outer bag  
**520 x 300 x 70 mm**



## MEDIUM

Blanket size  
**2600 x 3300 mm**

Blanket weight  
~7.8 kg / 17.2 lb

Blanket weight in bag  
~8.3 kg / 18.3 lb

Dimensions of folded blanket in outer bag  
**540 x 350 x 140 mm**



## LARGE

Blanket size  
**6000 x 8000 mm**

Blanket weight  
~43.2 kg / 95.2 lb

Dimensions of folded blanket in outer bag  
**1020 X 440 X 250 mm**



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