

LITHIUM BATTERY FIRE BLANKET - USER GUIDE

The Firechief Lithium battery fire blankets ("Blankets") are manufactured using fire resistant or fire proof materials.

The most effective method of fire blanket use is to simply smother the flames in a fire, cutting off the oxygen supply and preventing the fire from spreading. The Blanket should be conveniently located in case there is a battery fire.

Anyone who might be required to use this Blanket should read and ensure they understand the information in this user guide.

Please read it carefully and keep it accessible so that it may be reviewed regularly. Familiarity with this user guide will contribute to the successful use of the product. You should ensure that all relevant parties are familiar with the information in this user guide.

The Blanket is designed for use on Lithium-ion battery fires, although it may also be used as a precautionary measure whilst charging, transporting or handling batteries and battery operated devices.

LITHIUM
BATTERY SAFETY RANGE



IN CASE OF FIRE

1. Have everyone evacuate the area immediately.
2. Call the fire brigade w(or equivalent) even if the fire appears to be small - small fires quickly become LARGE fires. The fire brigade's phone number should be posted at every phone.
3. Be aware that batteries can re-ignite.
4. It is for the user to assess the suitability of the blanket for use on any given fire.
5. Large fires should be fought by professionals. Be prepared to leave the area if the fire cannot be immediately controlled.

HOW TO USE THE FIRE BLANKET

1. Fully unfold the blanket
2. Using the pull-loops provided, cautiously place the Blanket over the fire to smother it, ensuring the Blanket is covering the entire area of the battery pack or the device containing the batteries.
3. Always be sure to shield yourself from the flames as you approach the fire, paying special attention to your hands as you carefully place the Blanket over the fire.
4. Try to minimise the number and size of the folds in order to minimize the oxygen intake under the Blanket.
5. For larger Blankets two or more people may be required to safely deploy it. It is recommended that one person on each side of the Blanket should take hold of the pull-loops and simultaneously drag the blanket over the fire ensuring the blanket is evenly placed directly over the flames or device.
6. Once the Blanket has been deployed do not attempt to remove it until smoke and flames are no longer visible. It is recommended that the blanket be left in place for a minimum period of 24 hours.
7. Allow a further period of at least 30 minutes after there are no signs of fire before removing the Blanket.
8. Once the fire has been contained contact the relevant authorities for the safe removal and disposal of the device.
9. Check to see if any significant damage has occurred to the Blanket (such as melting of the coating or tears or rips). If any damage is visible then it is advised that the Blanket be discarded and replaced.
10. This Blanket may be used for other Blanket applications which are not necessarily lithium battery fires. Should the user intend to use the blanket for non lithium battery applications contact the supplier prior to use.

CAUTION

1. If the battery fire is already unsafe then do not attempt to deal with it, call the fire brigade and wait for the professionals. Where possible, switch off the electrical supply and retreat to a safe distance.
2. Do not try to throw a large Blanket. It is likely to miss and will not be effective.
3. Please see website lithiumbatteryrange.firechiefglobal.com for application illustrations.

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INSTALLATION AND STORAGE

The Blanket should be stored in an easily accessible location in proximity to any known risk, preferably wall mounted at eye level. It should be possible to rapidly deploy the Blanket at the first sign of fire.

The Blanket should be inspected monthly (and inspection records maintained) checking for any possible damage or access obstructions. This user guide should be clearly visible in the pocket provided.

INSTALLATION RECORD

Reference No: _____

Manufacture Date: _____

Date Installed: _____

Signature: _____

You are responsible for using the Blanket safely and as directed. You must behave sensibly and follow any safety instructions and guidelines so as not to hurt or injure yourself or others. In the absence of any negligence by us, the use of the Blanket is entirely at your own risk. The manufacturer, supplier or distributor shall not be responsible for any damage, destruction or loss of your property or belongings when you use the Blanket.

IMPORTANT NOTES

1. All orders for battery fire blankets, fire resistant containers, e-vehicle battery bags and fire suppression kits ("Products") are subject to and incorporate the terms and conditions (including any warranties) of the contract between you and the company that supplied the Products to you.
2. The fabric used in the Products is made from glass fibre which is non combustible.
3. The Products are for first response firefighting and should be deployed only when it is safe to do so. All fires behave differently, and the evolution of the fire will significantly affect the ability of an individual to achieve a successful result with the Product. The Products do not necessarily extinguish battery fires but if used properly and in accordance with this User Guide may prevent the propagation of the fire. The user must therefore assess the risk and use his or her judgement when determining whether the Product is suitable in the particular circumstances. Accordingly, neither the manufacturer, supplier nor distributor of the Products give any guarantee or warranty (whether express or implied) that the Products will contain and suppress all fires, regardless of fire size, type or origin.
4. The Products have a sacrificial protective coating which provides a measure of abrasion and weather resistance. The Product may in some circumstances be wiped clean after use and reused but this is for the user to determine after inspecting the Products following any exposure to fire (including the intensity of the fire and length of exposure to fire), the physical abuse to which it may be subjected during the process of covering a fire and upon removal from such a fire and any damage to the Product (including the coating, stitching and/or the Fabric). In some circumstances, fires including lithium-ion battery fires, generate toxic chemicals which unless properly cleaned will remain on the blanket. If cleaned after use, the appropriate PPE must be used with the soiled cleaning materials being disposed of in accordance with the relevant local requirements or regulations. Products with excessive or pro-longed fire damage or where other materials have become embedded into the Product must not be reused.
5. The Products should be inspected on a periodic basis. Please refer to other sections of this user guide for recommended practice for handling, use, storage and inspection. In the event of any damage to the Fabric (such as a tear or puncture) then the blanket should be discarded. If the coating has suffered visible fire damage to a small and discrete part of the surface area but there is no damage to the integrity of the Fabric then it may be possible to re-use the blanket. Neither the manufacturer, supplier nor distributor of the Products give any guarantee or warranty (whether express or implied) that the Products can be reused.
6. If the Product is defective, the company supplying the defective Product to you, may repair or replace (at no charge) or provide a refund for the defective Product in accordance with the terms and conditions agreed with you for the sale of the Product. The Product will not however be repaired, replaced or a refund provided where the Product is damaged or defective as a consequence of an event outside the manufacturer's, supplier's or distributor's control including without limitation where the Product has been exposed to fire for an excessive or prolonged period of time, has been poorly handled, has been damaged in transit, has not had minor repair's performed, has not been regularly inspected by a trained and competent person in accordance with this user guide, has been improperly used, has wear and tear or has been contaminated, has surface damage, has been vandalised or even abused due to improper use of or modification to the Product etc.
7. You are responsible for using the Product safely and as directed. You must behave sensibly and follow any safety instructions and guidelines so as not to hurt or injure yourself or others. In the absence of any negligence by the company supplying the Product to you, the use of the Product is entirely at your own risk. The manufacturer, supplier or distributor shall not be responsible for any damage, destruction or loss of your property or belongings when you use the Product.

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