

TECHNICAL DATA

BATTERY SAFETY BOX L + XL



Developed for the temporary containment of lithium-ion battery fires. The battery safety box withstood fire tests with 2x45,8 Wh (L) and 1x740 Wh (XL). A general guarantee for protection against the consequences of battery fires cannot be given due to the individuality of fire incidents.

Main Usage

- Flame suppression
- Reduction of smoke and toxic gas
- Temperature control outside the bag

Suitable for

Li-Ionen battery fires of batteries of small devices

Usable

Multiple usage; Dispose after a fire

MATERIAL

Fabric layers

Fiberglass fabric
+ 4 mm absorbent layer
+ 3 mm Mat
Fiberglass fabric

Fasteners

Metal, Plastic

Handle

Nylon

Coating

Silicone

Temperature-resistance

in peaks (shortterm)
up to 1.000°C

General Information

Weight

L: 950 g | XL: 2760g

Dimensions (LxWxH)

L: 21,5 cm x 16 cm x 14,5 cm | XL: 39,5cm x 31,0cm x 25,5cm

Color

Grey

TESTS / CERTIFICATES

- Real fire test VLITEX GmbH in cooperation with local fire department with three LiPo batteries with 45.8 Wh each (L)/ one e-bike battery with 740 Wh (XL).
- KIWA certificate confirms material withstands temperatures up to 1.000 °C (short-term).
- STFI confirms material burst test with punching force 8.69 KN according to DIN EN ISO 12236:2003-11.
- STFI confirms resistance to cuts with sharp objects in accordance with DIN ISO 13997:1999-08.
- Hof University of Applied Sciences confirms low electrical conductivity according to DIN 54345-1.