

TECHNICAL DATA

FIRE BAG S



Developed for the temporary containment of lithium-ion battery fires. The fire containment bag withstood fire tests with 11,1 Wh. 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 small devices like smartphones

Usable

Multiple usage; Dispose after a fire

MATERIAL

Fabric layers

Fiberglass fabric
+ 3 mm Mat

Fastener

Metal, Plastic

Coating

Fiberglass fabric
Silicone

Temperature-Resistance

in peaks (shortterm)
up to 1.000°C

GENERAL INFORMATION

Weight

125 g

Dimensions (LxWxH)

22,5 cm x 13 cm x 2 cm

Color

Grey

TESTS / CERTIFICATES

- Real fire test of Schwender GmbH with a lithium-ion battery with a capacity of 11,1 Wh.
- 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.