

# TECHNICAL DATA

## BATTERY BAG L + XL



Developed for the temporary containment of lithium-ion battery fires. The battery bag withstood fire tests with 400 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 e-bike batteries

### Usable

Multiple usage; Dispose after a fire

## MATERIAL

### Fabric layers

Fiberglass fabric  
+ 3 mm mat  
Fiberglass fabric  
+ 3 mm mat  
Fiberglass fabric

### Fastener

Metal, Plastic

### Handle

Nylon

### Coating

Silicone

### Temperature-resistance

in peaks(shortterm)  
up to 1.000°C

## GENERAL INFORMATION

### Weight

L: 900 g | XL: 1050 g

### Dimensions (LxWxH)

L: 44 cm x 13 cm x 11 cm | XL: 54 cm x 13 cm x 11 cm

### Color

Grey

## TESTS / CERTIFICATES

- Real fire test of Schwender GmbH with a lithium-ion battery with a capacity of 400Wh.
- 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.