

# 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.

<b>Main Usage</b>	<ul style="list-style-type: none"> <li>• Flame suppression</li> <li>• Reduction of smoke and toxic gas</li> <li>• Temperature control outside the bag</li> </ul>
<b>Suitable for Usable</b>	<p>Li-Ionen battery fires of small devices like smartphones</p> <p>Multiple usage; Dispose after a fire</p>

### MATERIAL

<b>Fabric layers</b>	Fiberglass fabric + 3 mm Mat Fiberglass fabric	<b>Fastener</b>	Metal, Plastic
<b>Coating</b>	Silicone		
<b>Temperature-Resistance</b>	in peaks (shortterm) up to 1.000°C		

### GENERAL INFORMATION

<b>Weight</b>	125 g
<b>Dimensions (LxWxH)</b>	22,5 cm x 13 cm x 2 cm
<b>Color</b>	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.