

TECHNICAL DATA

FIRE LIMITATION BLANKET PREMIUM



Main Usage

The fire limitation blanket is used to cover (damaged, burning) (electric) vehicles and devices with lithium-ion batteries in order to

- isolate flames under the blanket in the best possible way
- reduce the spread of smoke and toxic gases
- reduce the temperature
- limit explosions under the blanket

Suitable for Usable

(Electric) Vehicle fires (e-scooter, e-bikes, cars, forklifts, etc.), laptops, tools, ...

Several times; after fire application depending on fire load, then no longer
DIN SPEC 91489 compliant

MATERIAL

Fabric

HT glass fiber

Coating

Special polymer coating

FEATURES

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|--|---|
| • High short-term temperature resistance | (1,750 °C, internal test report) |
| • High temperature resistance | (1,000 °C, KIWA test according to DIN SPEC 91489) |
| • Good explosion protection | (Bursting strength according to DIN EN ISO 13938-2, punching force 8.69 KN according to DIN EN ISO 12236:2003-11) |
| • High cut protection | (18,45N; ISO 13997:1999-08) |
| • High smoke minimization | (Magna Steyr test report) |
| • High electrical resistance | $7,7 \times 10^{11} \Omega$; DIN 54345-1 |
| • Non-flammable | (DIN EN 13501, MPA) |

FURTHER CERTIFICATES/TESTS

- Sächsisches Textilforschungsinstitut (STFI): Kink test test report after continuous temperature exposure of 750 °C
- Magna Steyr: Battery module fire test report

EXTRAS

- Four 60 cm long handles at all edges for easy laying of the blanket
- Hemmed edges
- Markings for central overlay (from size 5 x 6m)

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GENERAL INFORMATION

	PREMIUM 1,5 x 1,5	PREMIUM 2,5 x 3	PREMIUM 3 x 4	PREMIUM 5 x 6	PREMIUM 6 x 8
Article-No.:	200373	200240	200241	200144	200102
Size:	1,5 x 1,5 m (2,25 m²)	2,5 x 3 m (7,5 m²)	3 x 4 m (12 m²)	5 x 5,8 m (29 m²)	6 x 8 m (48 m²)
Weight:	1,2 kg	4,1 kg	6,6 kg	18 kg	30 kg

	PREMIUM 6 x 8 with 2. long handle	PREMIUM 6 x 8 with eyelets	PREMIUM 7 x 8	PREMIUM 7 x 8 with 2. long handle	PREMIUM 8 x 10
Article-No.:	200104	200158	200105	200106	200110
Seize:	6 x 8 m (48 m²)	6 x 8 m (48 m²)	7 x 8 m (56 m²)	7 x 8 m (56 m²)	8 x 10 m (80 m²)
Weight:	31 kg	31 kg	34,5 kg	35,6 kg	52 kg

Size and weight specifications +/- 5% tolerance

STORAGE

- Fire limitation blankets up to and including 3 x 4 m in size must be stored in the bag provided, lying flat or hanging on the wall.
- Fire protection blankets from a size of 5 x 6m should preferably be stored horizontally and in a suitable storage facility (red bag backpack, trolley or metal cabinet).
- Store the blankets in a dry place.
- Do not place any load directly on the fire blanket.