

TECHNICAL DATA

BATTERY-SAFE RACK



Main Usage

The Battery-Safe Rack is used to store and charge small battery-powered appliances in the event of ignition to:

- isolate flames under the blanket
- reduce the spread of smoke and toxic gases
- reduce the temperature outside the rack
- limit explosions under the cover

Suitable for Usable

small battery-powered appliances and e-bike batteries, for example

Several times; to be disposed after a real fire event due to contamination with toxic gases

MATERIAL

Fabric HT-fiberglas
Rack Metal

Coating Special polymer coating

FEATURES

- 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 (BS EN ISO 13938-2:2019, Eurofins)
- High cut protection (18,45N; ISO 13997:1999-08, STFI)
- High smoke minimization (Magna Steyr Testbericht)
- Low electrical resistance ($< 4,1 \times 10^6 \Omega$; DIN 54345-1, Hochschule Hof)
- 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

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GENERAL INFORMATION

	AKKU-SAFE REGAL M	AKKU-SAFE REGAL L
Artikle-No.:	200327	200328
Size:	1,0 x 0,80 x 0,40 m	1,8 x 0,80 x 0,40 m
Number of shelves:	3	5
Maximum weight/ shelf:	180 kg	180 kg
Maximum total weight:	360 kg	720 kg
Shelf weight:	13,0 kg	21,5 kg
Cover weight:	3,0 kg	2,5 kg

NOTES

- It is recommended to place the battery-safe rack at least 10 cm away from a wall or other objects