

# FIRE CONTAINMENT BLANKET.

(6 x 8 m) by JUTEC for electric vehicles

product code: BS-Set-6080-T

The JUTEC fire containment blanket was specially developed for preventing and fighting fires in electric vehicles. The blanket insulates the fire and prevents the flames from spreading to the surrounding area. The open-pored fabric enables a cooling effect by absorbing sprinkler and extinguishing water. This reduces the need for extinguishing water to a minimum. The car and the battery can burn down in a controlled manner.

## Highlights

Controlled burning	Enables safe burning of the battery and vehicle.
Effective barrier	Prevents the flames from spreading to the surrounding area.
Thermal shielding	Provides protection against heat generated by the fire.
Cooling effect	Absorbs extinguishing and sprinkler water and creates a cooling effect for more efficient firefighting.
Environmentally friendly	Minimizes the release of toxic gases and reduces contaminated extinguishing water.
Water-saving	Reduces the need for extinguishing water to a minimum.
Safe handling	Safe application due to limited gas permeability, which prevents ballooning.
Easy handling	Easy to use thanks to flexible material and two-colored grip loops.
High durable	Double seam overlap and sewn fabric panels with steel thread offer exceptional durability and resistance.
Chemical resistant	Outstanding chemical resistance increases durability and suitability for usability in various environments.
Versatile locations	Flexible material enables use even in confined spaces.
Easy to transport	In a dust and moisture-protecting trolley for mobile use. Alternatively in a practical carrying bag or in a surface-mounted cabinet for installation on the wall.

## Area of application

Ideal for vehicles in the sedan, station wagon and similar models.

## Certifications & standards

European fire protection test	Tested according to DIN EN 13501-1, fabric A1, non-combustible
DIN Spec	Complies with the test principle of DIN Spec 91489
Electrostatic report	Classified according to DIN 54345-1, non-conductive fabric
Quality management	Production site certified according to EN ISO 9001:2015
Origin	made in Germany

## Technical details

Material	Special high-temperature fabric with mineral coating
Grammage	Approx. 625 g/m <sup>2</sup>
Material thickness	Approx. 7 mm
Temperature resistance	Constant: 1,150 °C Short term: 1,300 °C
Dimensions of the blanket	6,000 x 8,000 mm
Weight of the blanket	Approx. 30 kg
Total weight of blanket & trolley	Approx. 40 kg
Dimensions of the trolley	800 x 600 x 440 mm
Handle loops	4 pcs. with corner reinforcement made of aluminized fabric

## Information

In everyday use, the term “fire blanket” is often used. The term “fire blanket” is not correct in the context of a lithium-ion fire. Lithium-ion battery fires cannot be extinguished by removing oxygen, as they always ignite themselves.