SPREAD PREVENTION

SCA 6000 / 6100

EV Fire Blanket ELEKTIGER · Stage 01 — Spread prevention



OVERVIEW

Blocks oxygen, suppresses flame and smoke, and contains toxic gases during a vehicle fire.

A portable EV fire blanket for fire-spread prevention. It blocks oxygen during a fire, suppresses flames and smoke and blocks toxic gases. Usable even under intense heat thanks to eco-friendly, special flame-retardant silicone coating technology. Available as the premium carbon-fibre SCA 6000 and the standard silica SCA 6100.

1,600 °C	6 × 9 m	~30
heat resistance (SCA 6000)	blanket size	uses, SCA 6000 (approx.)

FUNCTIONS / FEATURES

06 FEATURES

01

SCA 6000 — Premium

Eco-friendly carbon-fibre fabric; central reflective tape for quick alignment with the vehicle's centre.

02

SCA 6100 — Standard

Flame-retardant fabric containing more than 80% silica; heat-resistant thread withstands over 1,000 °C.

03

Fire-retardant Coating

Special silicone coating over highly heat-resistant carbon fibre with high tensile strength.

04

Heat-resistant Handles & Seams

Handles at each corner; seams withstand flame and radiant heat for extended periods.

05

Marking Lines

Easy folding with printed marking lines.

06

Storage Options

Backpack, carrier or dedicated storage cabinet.

Specifications are subject to change without prior notice for product improvement. Values are typical and based on manufacturer and certification test data. · Rev. 2026-10

SCA 6000 / 6100 EV Fire Blanket

SPECIFICATION

SCA 6000 / 6100

MODEL COMPARISON

Model	SCA 6000	SCA 6100
Grade	Premium	Standard
Fabric	Carbon fibre, double-sided flame-retardant silicone coating	Glass fibre, double-sided flame-retardant silicone coating
Colour	Black	Grey
Size	**6 × 9** m	**6 × 9** m
Weight	Approx. **20** kg	Approx. **24** kg
Heat resistance	Up to **1,600** °C	Up to **1,200** °C
Sewing thread	Heat-resistant above 1,000 °C	Heat-resistant above 1,000 °C
Tensile strength	Warp **5,600** N / weft **5,400** N	**960** N
Tear strength	Warp **111.6** N / weft **129.2** N	**600** N
Edge binding	Aramid fibre	Aramid fibre
Number of uses*	Approx. **30**	Approx. **3–4**
Packaging	Backpack or carrier (400 × 650 × 260 mm)	Backpack (standard); steel storage box optional

* Number of uses varies depending on the usage environment.

PRODUCT DETAILS

04 VIEWS



01 SCA 6000 — Premium



02 SCA 6100 — Standard



03 Fire-retardant Coating



06 Storage Options

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