CGS

Li-ion battery fire blanket

PRODUCT OVERVIEW

Product general description

Designed to help contain battery-related fires involving lithium-ion batteries, battery modules and battery-powered equipment. Available in multiple sizes to support a wide range of applications and risk scenarios.

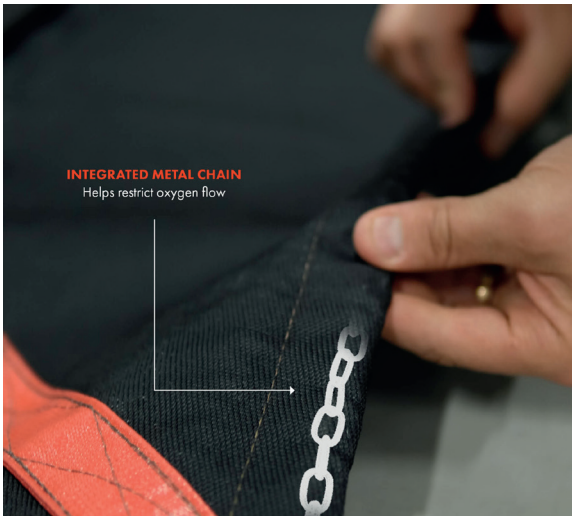
Suitable for use in storage, transport, production, vehicle service and repair, waste management, and facilities where batteries are stored, charged, handled or processed.

CGS **BLACK SERIES**

01 High Silica fabric with PU coating for exceptional heat resistance up to 1500°C.

02 Integrated metal chain along the perimeter for improved ground sealing.

03 Supplied in ergonomic, IP65-rated storage bags for fast deployment and easy transport.



HOW TO USE THE BLANKET?

Coverage Area

The blanket must completely cover the object and extend at least 0.5 m beyond the object on all sides.

1. Unfold the blanket

Unfold the blanket fully and align it correctly to cover the object.

2. Deploy the blanket

Two people are recommended, each holding a red pull loop. Drag the blanket evenly over the fire or device.

3. Smother the fire

Cover the entire area to cut off oxygen. Minimise folds to prevent oxygen intake.

Approach safely: Shield yourself from the flames, especially your hands.
Stay safe: Be aware of toxic fumes from lithium-ion batteries. Once covered, move away from the area.
Call emergency services for assistance and guidance.
After the fire: Contact authorities for safe removal and disposal of the device.

WHAT IS HIGH SILICIA AND PU COATING?

High Silica Fabric

High Silica is a heat-resistant fiberglass material containing more than 96% silicon dioxide (SiO_2). Its high silica content provides exceptional resistance to extreme temperatures, making it suitable for demanding fire protection applications.

PU Coating (Polyurethane Coating)

A polyurethane coating applied to the fire blanket to bind the fibers and improve material performance. The coating provides a smoother surface while enhancing durability, water resistance and handling characteristics.

WHY USE A FIRE LIMITATION BLANKET?

- **Clean fire extinguishing:**
  No secondary pollution
- **Smoke isolation:**
  They trap toxic fumes and heavy smoke
- **Rapid Containment:**
  They can isolate a vehicle fire in under 20 second

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PRODUCT SPECIFICATION

Property	Specification		
Art.no	602066	602067	602068
Size (m)	1.5 × 1.8	3 x 3	4 x 4
Weight (kg)	3,5	9,4	16
Core Material	High Silica Fabric		
Coating	Double-sided PU Coating		
Thread Material	Stainless steal thread		
Edge Reinforcement	Integrated metal chain		
Deployment	Integrated pull straps		
Classification	EN 13501-1 A2-s2,d0		

TECHNICAL MATERIAL DATA

Property	Specification
Fabric Weight	600 g/m²
Coating Weight	60 g/m²
Total Area Weight	660 g/m²
Thickness	0.65 mm
Continuous Temperature Resistance	Up to 1000°C
Peak Temperature Resistance	Up to 1500°C
Melting Point	Approx. 1600°C

For more information
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