



**Li-Fire**  
Suppression Solutions

# **PRODUCT SPECIFICATIONS**

**LI-FIRE EV FIRE  
BLANKETS & COVERS**

**CERTIFICATIONS, TESTING, SPECIFICATIONS**

# 3RD PARTY CERTIFICATIONS

## FOR ALL EV FIRE BLANKETS, COVERS, & CASES

HIGHLIGHTS OF THE RIGOROUS TESTING OF OUR PRODUCTS

INDUSTRY LEADERS IN EVERYTHING EV FIRE RELATED  
FOR MORE DETAILS, PLEASE EMAIL [INFO@LI-FIRE.COM](mailto:INFO@LI-FIRE.COM).

### Li-Fire Suppression Solutions, Industry Leaders in EV Fire Safety

Li-Fire provides top-tier fire safety products for electric vehicles, rigorously tested to ensure unmatched performance. Our products are certified under ISO 9001:2015, EN 13501-1:2018, NFPA 701:2019, and EN 1869:2019, reflecting our commitment to quality and safety. You can trust Li-Fire for robust and technically advanced fire suppression solutions.

#### CERTIFICATIONS

**ISO9001:2015**

Quality Management System Certification, ensuring our manufacturing processes meet the highest standards. Li-Fire is proud to be at the forefront of our industry.

**EN13501-1:2018**

The Li-Fire EV Fire Blanket, tested under EN 13501-1:2018, achieved an A2-s1, d0 classification, indicating excellent fire resistance, limited smoke production, and no flaming droplets.

**NFPA701:2019**

The Li-Fire Car Fire Blanket, tested under NFPA 701:2019 by TÜV SÜD, passed Test Method 1, meeting all fire safety requirements with an average weight loss of 0.9% and no fragments continuing to burn.

The blanket, composed of fiberglass and silicone-coated material, demonstrated compliance with fire propagation standards for textiles.

**EN1869:2019**

Another Fire Blanket Certification, validating Li-Fire's effectiveness in fire suppression.



# LIVE FIRE BURNS

## 2023 LIVE TESTS & FIRE BURNS



**MIAMI FIRE DEPARTMENT, FL**  
**APRIL 14TH**



**CITY OF CORAL SPRINGS-PARKLAND**  
**FIRE DEPARTMENT, FL**  
**APRIL 17TH**



**MIAMI FIRE DEPARTMENT, FL**  
**JUNE 20TH**



**MIAMI FIRE DEPARTMENT, FL**  
**JUNE 21ST**



**OCALA, FL**  
**FLORIDA STATE FIRE COLLEGE**  
**SEPTEMBER 7TH-8TH**



**PHOENIX, AZ**  
**OCTOBER 19TH**



**ARTHUR, IL**  
**NOVEMBER 12TH**



**DAYTON, OHIO**  
**NOVEMBER 14TH**

SEVERAL OTHER LIVE FIRE BURNS NOT INCLUDED IN THIS LIST FOR 2023

# Live Fire Burns & Demo Testing

Li-Fire has successfully conducted 11 live fire burn tests in collaboration with prestigious fire departments and fire safety organizations, including Miami-Dade Fire Rescue, Buffalo NY Fire Department, City of Scottsdale Fire Department, Florida State Fire College, International Fire Chiefs Association, Florida Fire Marshal and Inspection Association, State Fire Marshal, the Office of the Florida CFO, Bureau of Fire Standards and Training, and the Florida Fire Chiefs Association. These tests showcase our commitment to rigorous real-world evaluations to ensure the highest levels of safety and effectiveness for our fire suppression products.

## Controls/Tests Used

- Temperature Monitoring
- Flame Spread Analysis
- Smoke Production Measurement
- Material Integrity Testing
- Real-Time Response Simulation



# Product Materials & Specs

Li-Fire's own FiberWeave™ technology combines ultra-fine glass and silicone into a proprietary heat resistant weave. The pinch welded and kevlar stitched seams are designed and tested to withstand the intense heat. Our blanket provides the barrier needed to contain the flames, smoke, and toxic fumes caused by a Li-ion battery incident. This robust design allows for the rapid containment of flames, smoke, and toxic fumes in vehicle fires. Available in various sizes, including 20'x30', 20'x27', 23'x23', 20'x20', 16'x16', 6'x6', and 3'x3'.

## Highlights

- **Proprietary EV Fire Materials**
  - **Corrosion-Resistant Materials**
  - **Documented & Tested**
  - **Multiple/Custom Sizes**
  - **Durable but Lightweight**
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# PRODUCT BREAKDOWN

## FOR ALL EV FIRE BLANKETS, COVERS, & CASES

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### Product Material

- Ultra-fine glass fiber
- Two-side silicone-coated

### Product Size\*

20'x30' 20'x27' 23'x23'  
20'x20' 16'x16' 6'x6' 3'x3'

### Weave Type

Plain/Twill/Satin

### Packing

Grey PVC Bag Customized/Standard  
Li-Fire Wall-Mount

### Thickness

0.45-0.48mm

### Weight

480g/m<sup>2</sup>

### Heat Resistance

Standard - 1000-2000°F  
Heavy Duty - 2500-3500°F

