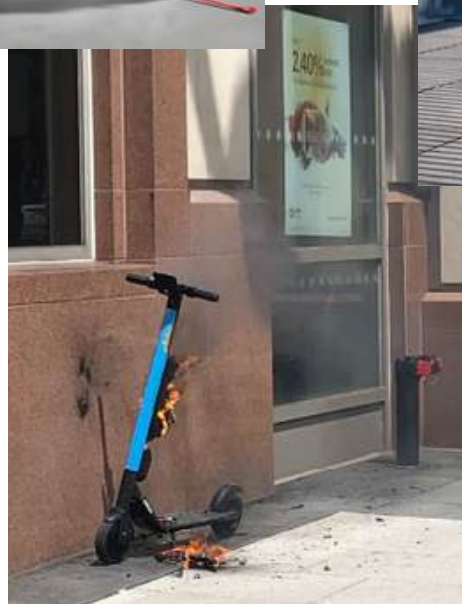
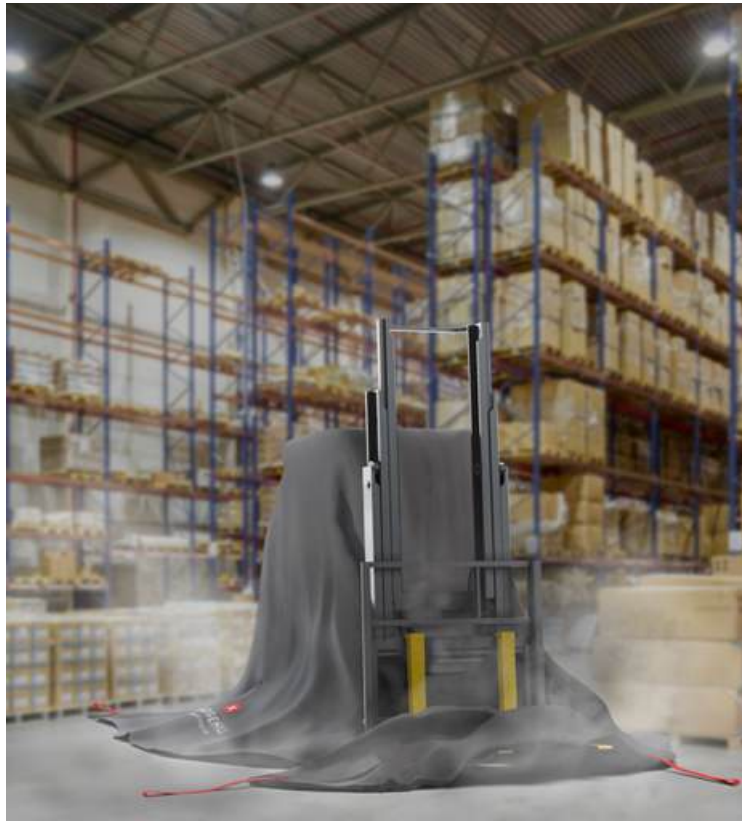
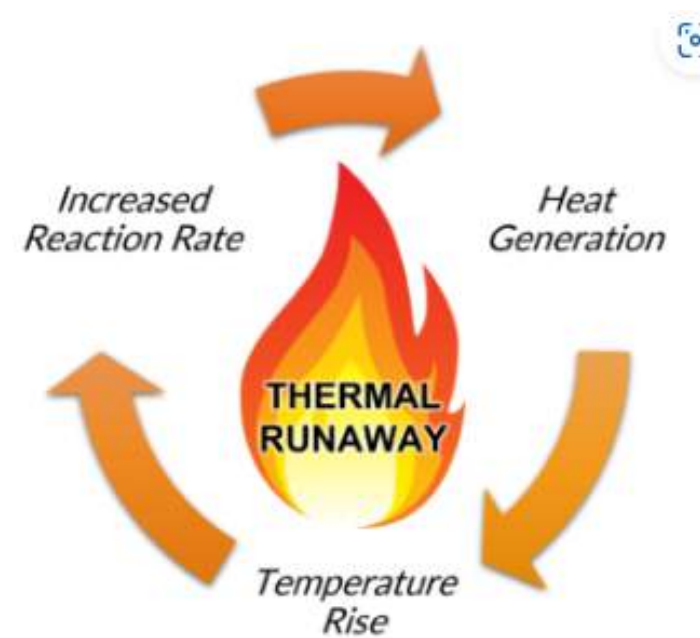


# Rising Threats: Battery Fires

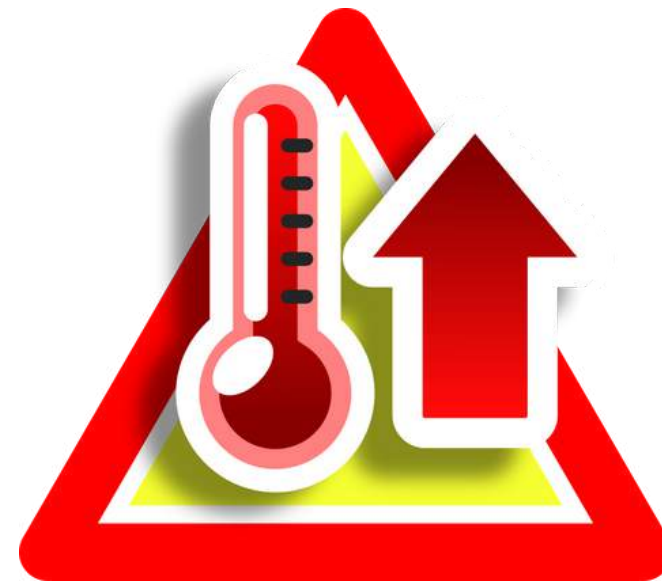


# The Hazards of Lithium Battery Fires



## Thermal Runaway

Thermal runaway is a chain reaction where a battery cell overheats, causing it to release energy, which then heats adjacent cells, leading to quick propagation of fire and overheating.



## High Temperature

Normal camp fire blankets melt at 482°F. However, an EV fire can reach 1500°F.



## Reignition

Due to the chain reaction from a thermal runaway, a fire can restart after it has been extinguished.



## Toxic

Battery fire release volatile organic compounds and fine particles of heavy metals like cobalt and manganese. These particles can settle on surfaces, leading to contamination and long-term environmental impact.

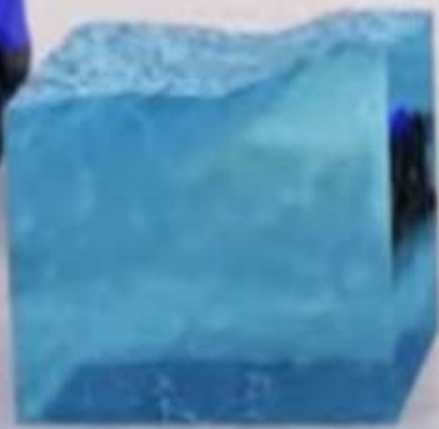


# Water is ineffective to stop an EV Fire



**1,400** LITRES

Combustion Vehicle

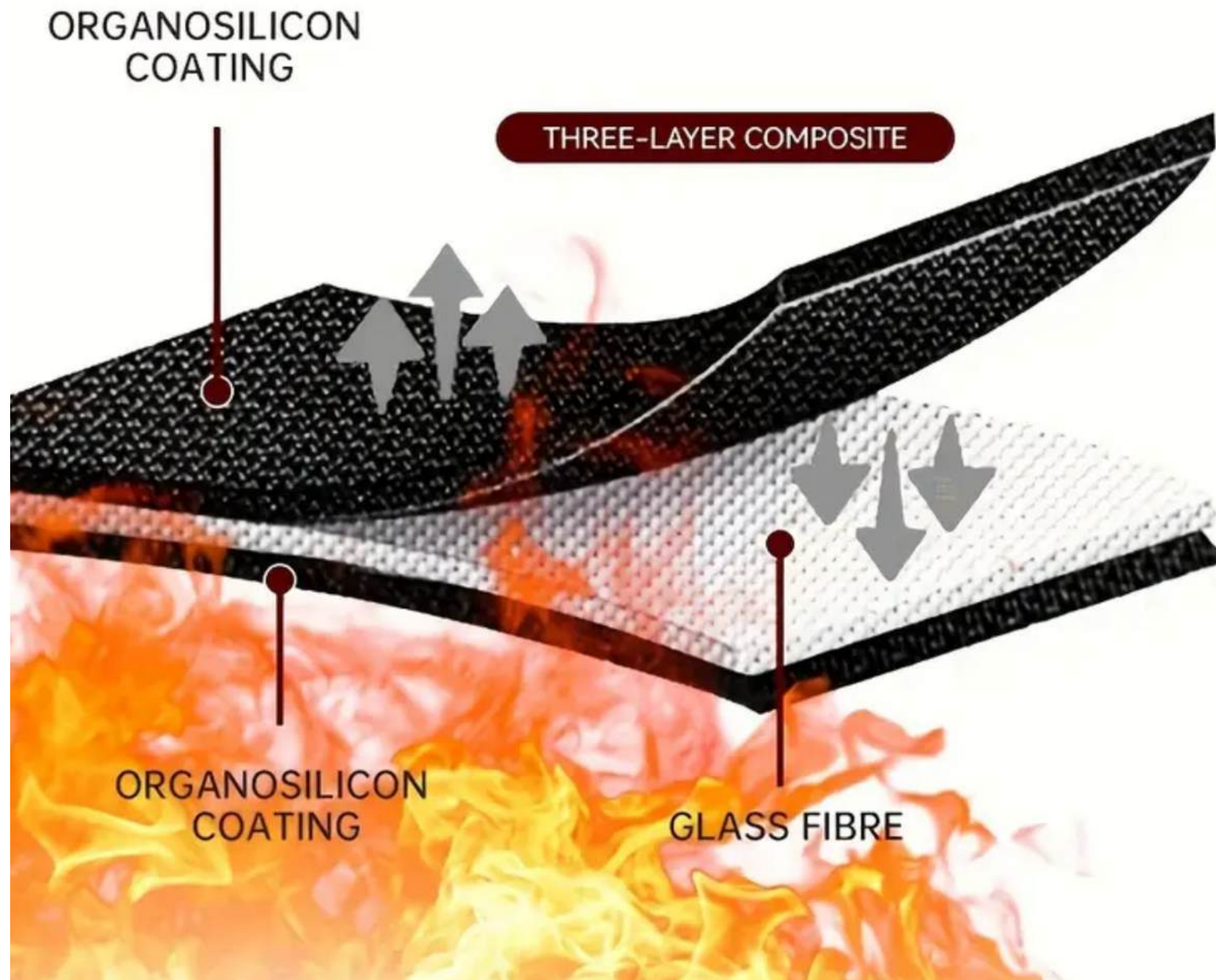


**30,000** LITRES

Electric Vehicle







Layman™ Fire Blanket is specially designed for all kinds of vehicle and battery fires. Its patented silicon coating withstands heat up to 2100°F, and the fabric is sewn with high-temperature-resistant stainless steel threads.

# Easy Deployment

**P**osition

**U**nfold

**L**ift over

**L**ay flat









**Mitigate Fire**  
**Contain Smoke**  
**Control Spread**  
**Manage Reignition**  
**Minimize Pollution**

Patented silicon coating resists 2100°F EV fire heat

Product	Size (ft)	Applications
Layman XL	40 x 30	Fire Department Special Order
Layman M	26 x 20	Vehicles and Forklifts
Layman S	10 x 10	E-bike, E-scooter, Workshop and Repair Shop, Camp Fire, Commercial Kitchen Fire



**Compton**

Fire & Security

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