



# Car Fire Blanket

Efficient and Safe Solution for Controlling Fires in:  
Electric, Hybrid & Combustion Engines

## Specifications

### Features

- Includes waterproof smart bag, carried as a backpack
- Secure solution that handles fire in electric/hybrid/combustion engine automobiles
- Suitable for most vehicle sizes (Custom sizes available)
- Available as single or multiple use car fire blankets
- Controls any type of car (and electric vehicle) fire within seconds

### Benefits

- Simple, fast, efficient and safe solution for controlling vehicle fires
- Fire is contained under the blanket, reducing the amount of toxic gas and fumes released
- Significantly reduce smoke damage, prevent the spread of fire to surrounding vehicles and property, and contain the fire as quickly as possible



## Reduce Smoke Damage and Prevent the Spread of Fire

Darley's reusable and single use car fire blankets are designed to stop any car fire, but with a special emphasis for suppressing electric vehicle fires.



Underground parking



Motorway companies



Service stations



Tunnels



Parking lots



Ferry parking facilities



Firefighter operation



Plug-in chargeable forklifts



Machine tools



Garages and workshops



shop.darley.com  
ryandarley@darley.com  
612.799.5598



# How to Use



- 1 • Ensure blanket is sized appropriately for the vehicle.  
• Unroll Blanket.  
• Center it behind the car or from the deployment direction.

**Note:** Full PPE and SCBA are to be worn at all times while deploying and handling any fire blanket exposed to the car. Minimum two-person deployment is needed.

- 2 • Grab red handles, raise them high in the air and briskly walk the blanket over the burning vehicle.

**Note:** Keep direct contact of the blanket with the car to a minimum, as sharp edges can tear the blanket during deployment.

- 3 • Center the blanket over the vehicle using the marking points on the blanket.

**Note:** Make sure the blanket is touching the ground on all sides. Step down on areas where the air may be flowing from under the blanket (there will always be some air entrained.)

- 4 • Use the strap to wrap the base of the blanket around the base of the car.

**Note:** This will help cut off oxygen and make sure that the blanket doesn't blow off in high winds. Tools or weights can be used to secure the blanket.

- 5 • The blanket is deployed. Monitor with thermal imaging camera.

#### **Additional Notes:**

Best practice is also to spray the outside of the blanket with water. If possible, deploy an EV nozzle under the car to assist cooling. The fire will continue to burn under the blanket. While there is no way to put the fire out, the blanket assists with containment, and protection from exposures. By limiting oxygen, the fire will cool down but will not go out until the battery has completely burned out. Follow department SOPs and consult NFPA and other guidelines for handling the EV.



#### Fire in Electric Cars — Usable in Various Situations

Follow steps 1-3. After the fire blanket has been placed tight to the ground, wait 2-3 minutes and listen. If you hear strong fuzz sounds about every 3-15 seconds, you have a thermal runaway. Leave the fire blanket on until the sound stops. This is a small fire that goes from cell to cell. The fire blanket will prevent the small fire from spreading elsewhere in the car.

Note: The car fire blanket is not approved for magnesium fires.



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