

Car Fire Blanket Instructions

For professionals

Please read, understand and follow all instructions in this Instructions before using a car fire blanket.

We recommend dry training (training without a real fire) to be performed on a regularly basis, to ensure proper use of the fire blanket when handling a fire.

HOW TO DEPLOY THE FIRE BLANKET?

- A minimum of two people should deploy the fire blanket.
- Always use proper firefighting gear including a breathing apparatus.
- Roll out the fire blanket and center it before it is deployed.
- Make sure to use the side without seeing the sewing thread to cover the on-fire car, see the below photo, as in this way, the sewing thread can be better protected from facing the fire directly.



- Both persons should first grab each their handle, tighten the fire blanket and then safely pull it over the car in one continuous movement.
- Always center the fire blanket after covering the car.
- Make sure the fire blanket is tight all the way to the ground and that there are no openings to prevent air gaps, this should be finished very quickly.

HOW LONG THE FIRE BLANKET NEEDS TO COVER A FOSSIL CAR?

- Minimum 20 minutes.

HOW LONG THE FIRE BLANKET NEEDS TO COVER AN ELECTRIC VEHICLE

- Thermal propagation (known as a thermal runaway) produces its own oxygen and is hard to turn out with traditional tools.
- Detect if the thermal propagation has stopped by using a thermal camera.
- After the thermal propagation stops, leave the blanket on for a minimum of one hour before it is removed.
- We recommend leaving the blanket on when transported on a tow truck. Tie it properly with a rope or a load strap at tire level.
- For electric vehicles fire, after we cover the burning car with the car fire blanket, we can think of spraying water on the car fire blanket to speed up the cooling of the car's temperature;
- It should be noted that EV battery fires are self-oxygenating so a fire blanket can only help control the fire, it may not fully extinguish it. The car fire blanket, once deployed, should not be removed until trained fire fighting personnel have fully assessed the situation.

WINDY CONDITIONS

How we deploy the blanket in heavy wind conditions:

- It is best to have the wind from behind when deploying the fire blanket to stabilize it through deployment.
- The best option is to deploy the fire blanket by using four (4) people.
- Conditions permitting, tie a rope around the car at ground level to stabilize it and ensure no wind flow underneath it.

THE IMPORTANCE OF READING THE SITUATION

Please note:

- Sharp objects can cut the blanket.
- When objects are blocking the way, sometimes the fire blanket needs to be deployed from the side of the car.
- If the fire blanket is not covering the entire car, the fire may not be put out.

WHEN TO REPLACE THE FIRE BLANKET

- Reuse - the car fire blanket should be considered a consumeable product, however, if the blanket shows no signs of mechanical damage or heat degradation it may be reused.
- When there is a significant increase of smoke coming out from the fire blanket when putting out fire, it is time to replace it.
- It has a 5 years shelf life.

MAINTENANCE OF THE CAR FIRE BLANKET

- After reusing the fire blanket multiple times, the coating might burn away. This will not affect the purpose of the fabric since it is the core fabric that handles the extreme high temperatures.
- After using the car fire blanket, clean up the side that covers the car, refold it and put it back into the packaging bag.