

FIRE BLANKET



For first aid and fire spread prevention in case of battery fire



Product Features

(*1 Depends on fire conditions)

This product is a large fireproof blanket measuring 8m x 6m / 10m x 7m, made from ultra-flame-resistant silicone coated fabric. It is for covering the entire target vehicle and blocking air to suppress the fire, and is used as a first aid measure until the fire brigade arrives.

It can prevent the spread of fire to near buildings and adjacent vehicles^(*1) and reduce damage. It can also reduce the emission of harmful gases and smoke.



Background

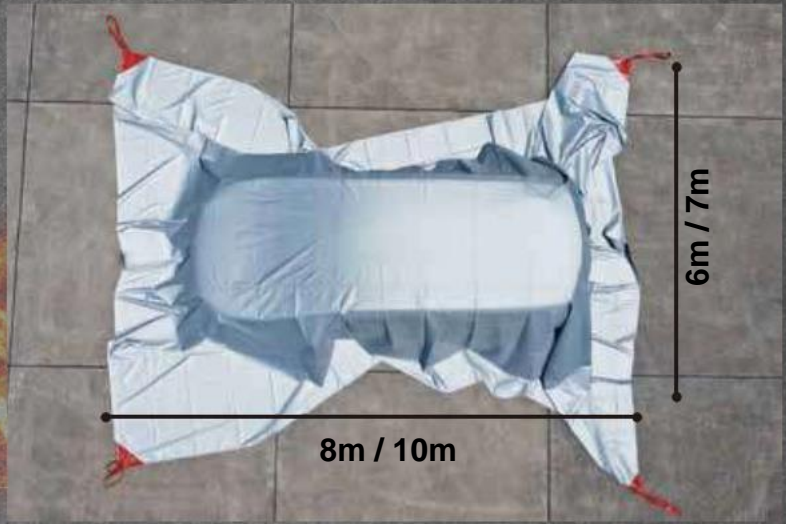
Two or more people are required for actual work. (Working alone is dangerous.)

While the number of electric vehicles equipped with large-capacity lithium-ion batteries is increasing, one issue that could become serious is how to respond to vehicle fires. When one battery pack catches fire, it can trigger a chain reaction, igniting neighboring battery packs and resulting in an explosive combustion that can reach temperatures exceeding 1,200 degrees Celsius. In addition, when water is applied, it also has the property of generating harmful substances, so it is necessary to use a different method than normal fire fighting activities. In addition, depending on the storage location, there are concerns about the spread of fire to other adjacent vehicles and buildings due to the burning vehicle.



[Reminder] The use effect will vary depending on the fire situation. In addition, please assume that it is difficult to completely extinguish the fire using only this product.

In the event of a fire, you should first notify the fire department of your local government and follow their instructions.



The product size is suitable for a variety of electric vehicles.
 * Caution: This fire blanket is not applicable to the vehicles where it can not reach the ground.

Specifications

Part No.	GWTEVFB	
Product name	Fire Blanket for Electric Vehicles	
Brand	T-EV (Tech EV)	
Material	Silicone-coated highly fire-resistant fiber	
Size·Weight	8000 mm x 6000 mm 30 kg 10000 mm x 7000 mm 44 kg	
Fabric thickness	0.7mm	
Heat-resistance temperature	Silicone coat	260°C
	Fabric	1,000°C
Melting temperature (limit)	1,600°C	
Compliance standard	EN 13501-1 2018	

A product compliant with the European standard EN13501-1 2018

The fire-resistant fabric used in this product has been tested and verified by a third-party certification agency. Manufactured to European standards.



How to use

Images of demonstration record of fire resistance test

Certificate



① 2 people carry the fire blanket to the fire scene

② Release the fixing clip

③ Take out the fire blanket

④ Unroll it because it is stored in a rolled-up manner

⑤ Stand in front of the vehicle and prepare to cover it

⑥ Cover the vehicle body while holding the red tabs

⑦ Cover all the way to the rear of the vehicle in a go

⑧ Ensure the edges of the entire fire blanket are in tight contact with the ground