



FIRE KCOVER

Korean patented fire-extinguishing blanket:

The most effective way to isolate and extinguish a car fire.



Our single-use and reusable FireKover fire blankets offer the safest and fastest way to isolate and extinguish a car fire by blocking the oxygen supply. Since the toxic gases and smoke are stifled immediately, the blankets prevent secondary fire damage. In particular, FireKover fire blankets are the most effective way to extinguish fires in electric cars, as lithium-ion battery fire is one of the most dangerous and difficult fires to get under control.

Single-use FireKover

Total weight	Tensile (Cut Strip)	Tear (Trapezoid)	Heat Resistance	Non-combustibility
ASTM D 751	ASTM D 751	ASTM D 751	< 1,200°C	ISO 5660-1 (Heat release rate) KS F 2271 (Gas toxicity)
15.5 (oz)	340/285 (lbs/inch)	70/70 (lbs)	Not melted	Pass

Reusable FireKover

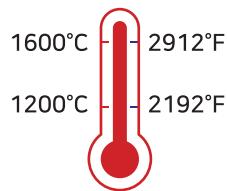
Total weight	Tensile (Cut Strip)	Tear (Trapezoid)	Heat Resistance	Non-combustibility
ASTM D 751	ASTM D 751	ASTM D 751	1,600°C	ISO 5660-1 (Heat release rate) KS F 2271 (Gas toxicity)
25 (oz)	480/365 (lbs/inch)	110/95 (lbs)	Not melted	Pass

Since our FireKover blankets keep smoke, toxic fumes, and flames underneath the blanket, they prevent toxins from escaping into the environment. Moreover, they prevent secondary fire damage that may occur due to smoke and corrosive substances released by the fire.



	Single-use	Reusable
Heat Released Rate Test : KS F ISO 5660-1		
Total Heat Released (MJ/M ²)	2.9	3.0
Maximum Average Heat Release Rate	15.6	8.1
Test time	1942s (32.4min)	1950s (32.5min)
Toxicity Test : KS F 2271		
Experimental Mouse Activity	Over 14.3 min	Over 14.1 min
Test time	15 min	15 min

The single-use FireKover can withstand temperatures of up to 1200°C, and the reusable FireKover can withstand temperatures of up to 1600°C.



Features

- Avoid secondary fire damage
- Prevent and mitigate accidental releases of toxic gases
- Extinguish fires in electric, hybrid, and fossil-fuel cars
- Provide eco-friendly approaches to fire extinguishing
- Obtained a patent for a fire extinguishing blanket in Korea
- Both single-use and reusable fire blankets available

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