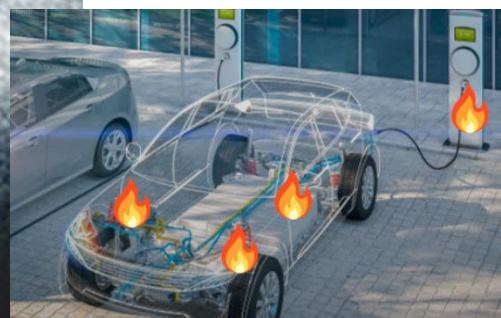




Realized with microcapsules!

Automatic extinguishing PAD Powerful for suppress of electrical fires spread



Product of GFI Co., Ltd.

- ◇ Unique product with the internationally certified fire extinguishing chemical agent (3M Novec™ 1230, FK-5-1-12) is encapsulated in microcapsules and molded into **Pad, Wire, Tape, Film and Cover** shapes.
- ◇ Very well evaluated for its patented technology^(#) and quality assurance that has been certified^(*) by the Korea Fire Institute (KFI).
- ◇ When the temperature rises due to ignition or electrical leakage heating, the microcapsules self-rupture and automatically eject a powerful chemical extinguishing agent gas.
- ◇ Highly effective in preventing fires even in places that are difficult to monitor, such as during unattended charging or under the hood.
- ◇ No fire sensors or wiring required, very easy to install: just stick or hang.
- ◇ **Pad** is best used for box-shaped electrical products such as auxiliary batteries, ABS/ESC module power units, and chargers. **Tape** is easy to apply to wiring areas where fires are likely to occur, such as the joints of electric wires and electrical terminals. Simply install it inside the distribution board, etc.
- ◇ Through the prevention of electrical fires, it can be used in a wide range of applications such as automobiles, ships, battery packs, electric machinery, distribution boards, and switchboards. Please contact Tsukasa Souken for details.

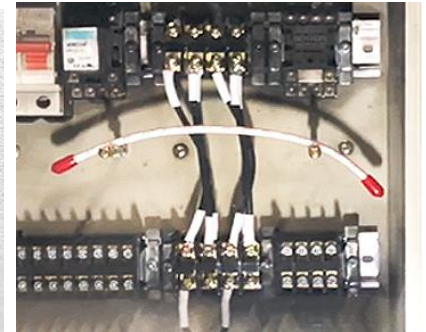
([#] Patent: 10-2123659, 10-2133958, 10-2246380, 10-2122726 ^(*)All certification procedures have been completed and certified for Pad products.)

- ◇ **Pad, Wire*, Tape*, FILM, and COVER** are available as standard. (* Currently, delivery times are long.)
- ◇ **Pad product** (certified by Korea Fire Institute KFI)
Apply to the upper part of the inner surface of a closed space.
Within a height 0.5m and a volume 0.1m³ is optimal.
(Patent: 10-2123659, 10-2133958)



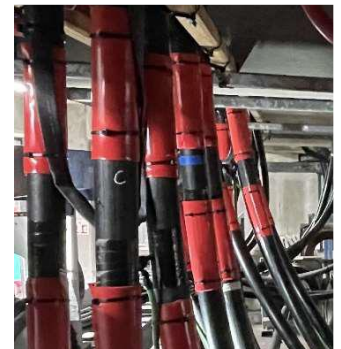
Model number	Size (mm)	Protection volume (liters)	Exterior color
P.A.D.	100x200	92	red

- ◇ **Wire product ***
With its string-shape, it is easy to place and adjust length, can be used in areas at risk of ignition. (Patent: 10-2122726)

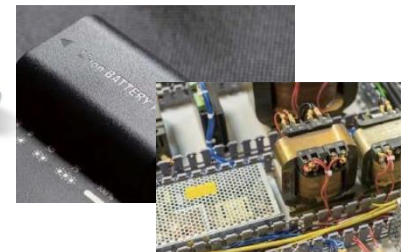


- ◇ **Tape product ***
It can be easily wrapped like adhesive tape, making it ideal for extinguishing and preventing the spread of fire around electrical wires, communication connections, etc. (Patent: 10-2246380)

(Compatible model number)		Length (m)		
		1	2	3
Width (mm)	5 0	T-050-1	T-050-2	T-050-3
	1 00	T-100-1	T-100-2	T-100-3
	2 00	T-200-1	T-200-2	T-200-3



- ◇ **FILM product** (for new application development)
The standard thicknesses are 1mm and 2mm, and the size is 450mmx500mm, but we may be able to accommodate your requested size, so please contact us. The adhesive side is 0.1mm thick and the liner is 0.075mm PET film.



- ◇ **COVER product** (for power supply bundle/rack)
This product consists of an orange side (extinguishing agent release side) and a black side (ceramic liner side). The maximum width is 900mm and the standard length is 1000mm, but we may be able to accommodate your request.



Photos are for product color swatches only. Please double check the front and back orientation when installing.

- ◇ for use and storage conditions
 - ① Please do not use it for any purpose other than its intended purpose.
 - ② Store at room temperature, avoiding heat sources such as direct sunlight and steam.

*Specifications are subject to change without notice. 20 23 /08