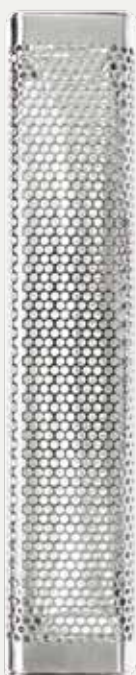


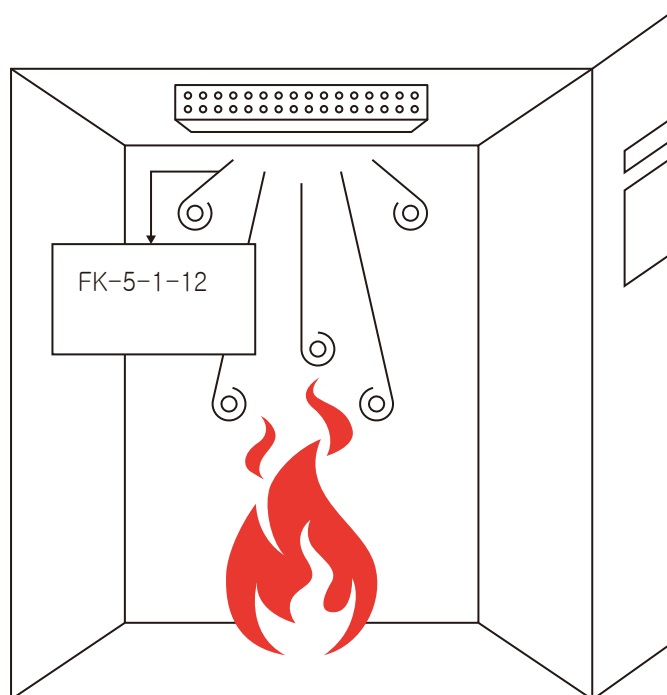
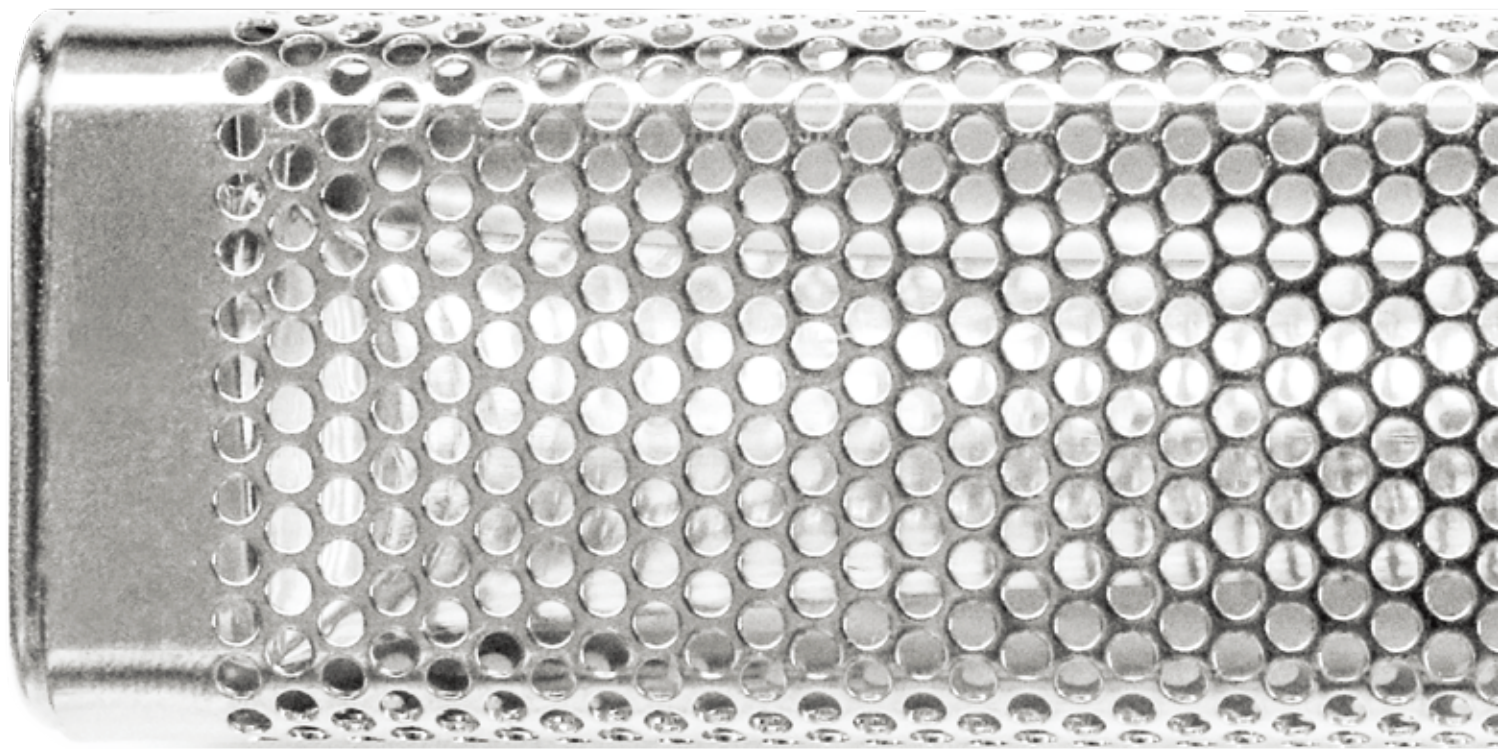
FIREKIM "STICK" sets a new standard for what is the world's most advanced fire extinguishing system.

Automatic Fire Extinguishing System



CASE

- Strong for corrosion due to Electrolytic polishing.
- Superior to Design.
- Easy Installation(DIY bracket or Sticker)



Operating temperature 100℃ ~110℃

How it works

In the event of a fire, the “Sticik” will activate when the temperature reaches 100℃ ~110℃.

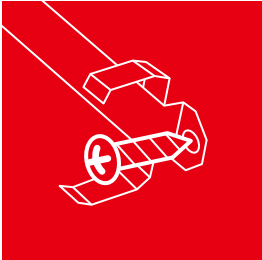
The specially designed cartridge then releases an extinguishing agent and the fire is put out.

Extinguishing Agent

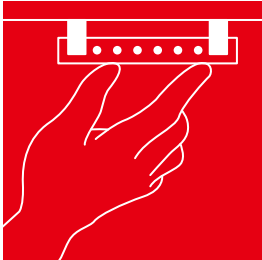
- FK-5-1-12 : It rapidly extinguishes most commonly found fires through a combination of chemical and physical mechanisms.
- FK-5-1-12 fluid contains neither bromine nor chlorine and has zero Ozone depleting potential.
- The atmospheric lifetime of FK-5-1-12 fluid is estimated to be in the range of 3-5 days and with a global warming potential of 1, it is considered that the FK-5-1-12 fluid has no measurable impact on climate change.
- Less conductivity.



Installation



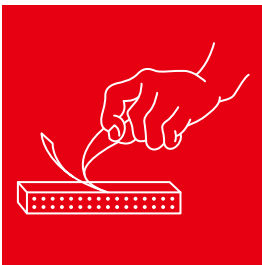
Install the bracket in the switchboard.



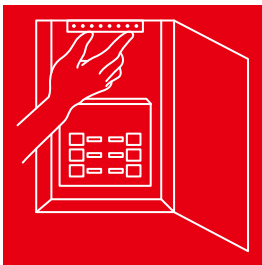
Push STICK to the bracket.

Data

Effective volume	Size	Max. installation height	Gross weight	Shelf life
A(B)0.12m ³ (0.8m x 0.6m x 0.25m)	25mm x 15mm x 130mm	0.8m	43.5g	5years



Peel off the sticker.



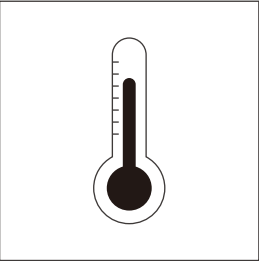
Attach the product to a flat surface.

Discharge

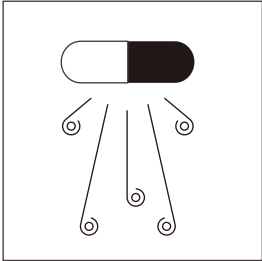
- Operating Temperature 212°F~230°F(100℃~110℃)
- Reaction rate : discharge more than 90 percent of the extinguishing agent at a time.
- No residue after suppressing the fire.



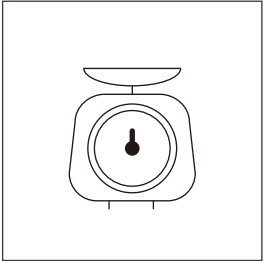
Features



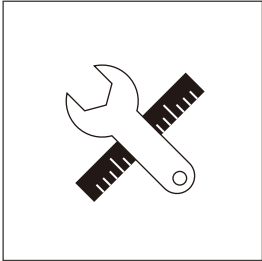
Operating Temperature
212°F~230°F(100℃~110℃)



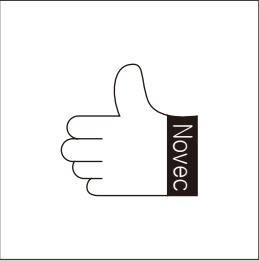
Reaction rate : Discharge more
than 90 percent of the
extinguishing agent at a time.



Strong durability and Ultra
lightweight (STICK2 : 43.5g)



Small place fire extinguishing
system. Customizable
to fit the customer's needs.



Clean fire extinguishing agent :
FK-5-1-12. FK-5-1-12 fluid
stops the combustion process
by absorbing heat. As part of an
advanced fire suppression
system, it quickly
extinguishes the fire.



Korea Institute of Fire Industry &
Technology(KFI) approved
(The first Gas System approved
for small place 소구17-1)



Easy installation
(DIY Bracket or Sticker)

New



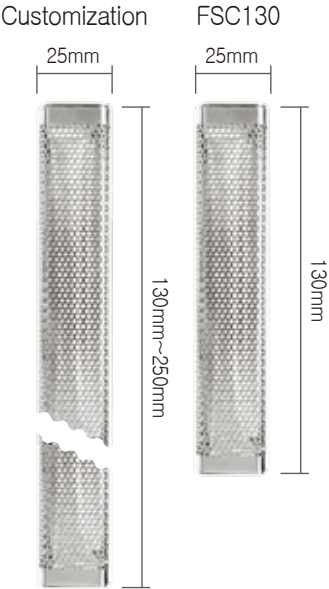
Pouch
Drone, ESS and Electric car
charger Extinguishing System and
etc. It could be applied for
diverse category.



F1- IoT Technology System
Temperature and Humidity
monitoring System.
(Optional Sensor: Flame
Detector, Smoke Detector)



STICK⁺
is upgraded version of STICK.
you can check the agent
inside of STICK
through Check Window.



Product

	STICK2	Customization	Pouch
Specification	15mm x 25mm x 130mm	Width 130mm~250mm	-
Effective Volume	0.12m³	0.12m³~0.20m³	0.20m³~0.36m³
General Temperature	-13°F~113°F (-25 ℃ ~45 ℃)		
Operating Temperature	212°F~230°F (100 ℃ ~110 ℃)		
Storage life	5years		

Patents and approval



Korea Institute of Fire Industry & Technology(the First Gas System for small place 소구17-1)

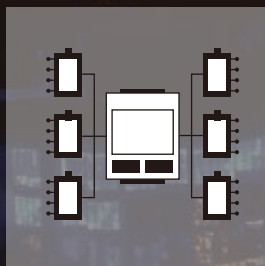


Patent

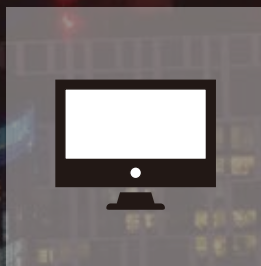


Design Patent

Application



Switchboard
Fastest fire prevention from small fire.



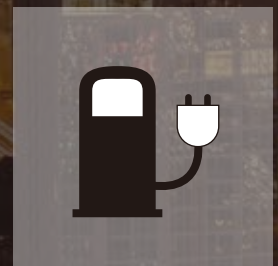
Electronic products
Easy and fast extinguishing the fire where is not easy to approach is from the spark with dust.



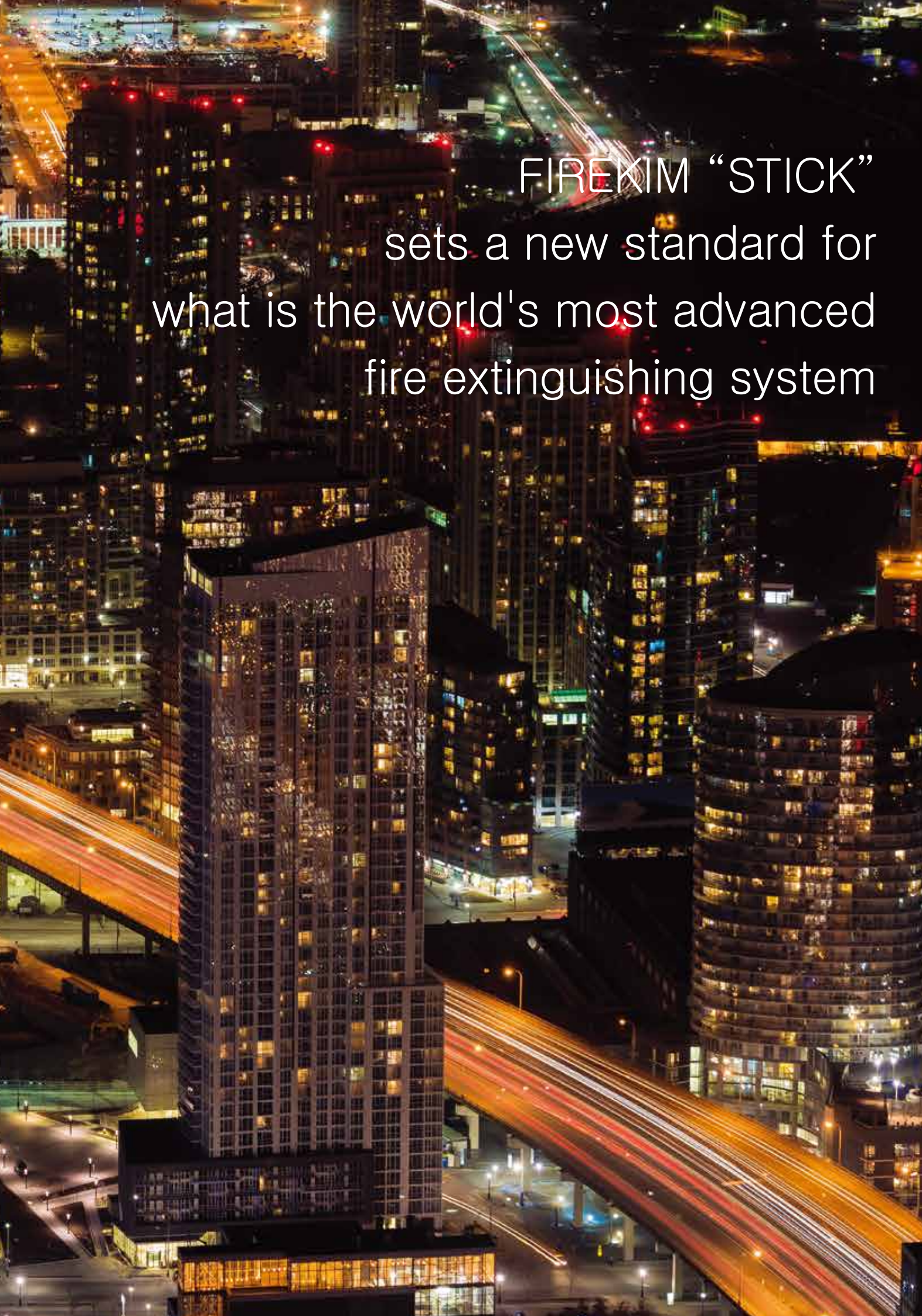
Semiconductor facilities
non-electrical conductivity and no residue after discharging the agent.



Power Plant
diverse plants can apply for the electrical panel.



ESS, Drone, Electric Car Charger
Superior fire-fighting and cooling heat performance for Electric Storage reservoir System, Batteries and etc.

An aerial night photograph of a city skyline. The image is filled with numerous tall buildings, many of which have their windows lit up, creating a dense pattern of yellow and white lights. In the foreground and middle ground, several prominent skyscrapers stand out. One building in the center-left has a distinctive, textured facade that reflects the city lights. To the right, a tall, cylindrical building with a curved facade is also visible. The background shows more buildings and a network of roads. Long, horizontal light trails in shades of orange, red, and white are visible across the lower half of the image, indicating the movement of vehicles on highways or bridges. The overall scene is a vibrant and dynamic representation of a modern urban environment at night.

FIREKIM “STICK”
sets a new standard for
what is the world's most advanced
fire extinguishing system



FIREKIM

Information Technology T-Factory office 208

FIREKIM Co.,Ltd. 48, Jungsimsangeop 2-ro, Ochang-eup Chungcheongbuk-do, Korea (28119)

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