

SFEX

The Standard for Solar Power Systems
for Electrical Fire Extinction and Spread Prevention



SFEX TECH CO., LTD.

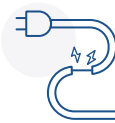
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COMPANY INTRODUCTION

MISSION



Polymer Chemistry
based **Stand-alone**
Fire Extinguisher



Conquering
the **Ignition Points**
of Electrical Fires



Helping
Save Lives and
Protect **Property**

PATENTS



PRODUCTS

SFEX – The Standard for Electrical Fire Safety



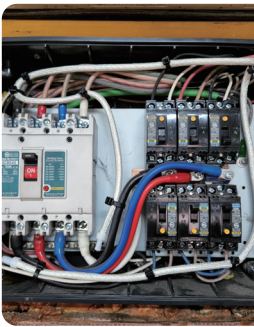
SFEX
Detector

Temperature
Sensitive
Sticker



SFEX
Inside

Stand-alone
Fire-extinguishing
Power Outlet



SFEX
Line

Rope Type
Fire Extinguisher
For Electrical Panels



SFEX
MC4 Cover

Fire Extinguishing
Cover For
MC4 Connectors



SFEX
AP Tape

Tape Type
Fire Retardant
For Cables



SFEX
Hi-100

Fire Extinguisher
For Small
Electric Boxes



SFEX
CT Manteau

Cover Type
Fire Extinguisher



SFEX
Thermal Barrier

Thermal Runaway
Propagation Barrier

PRODUCTS

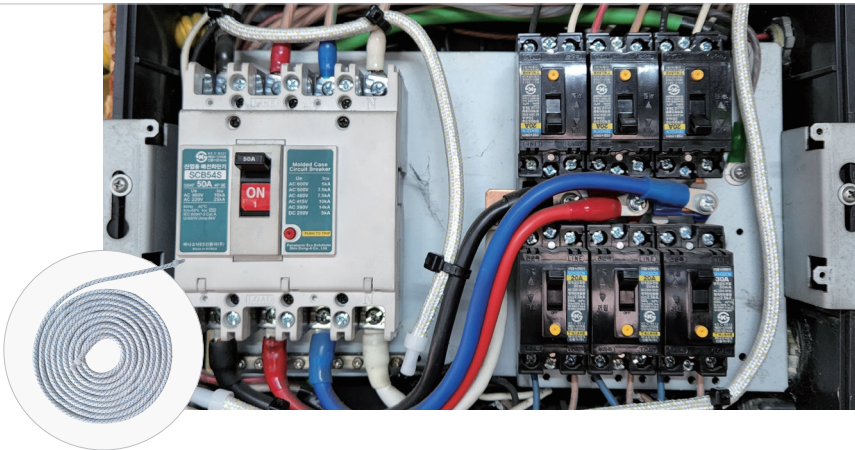
Initial suppression and fire spread prevention at each point of ignition in solar power systems

Designed to minimize damage by extinguishing fires at an early stage in MC4 connectors, combiner boxes, inverters, and distribution panels of solar power systems — caused by electrical and environmental factors, overload and thermal stress, construction defects, installation errors, and human or management issues.

SFEX MC4 Cover
Fire extinguishing
for MC4 connectors



SFEX Line
Fire extinguishing
for combiner boxes, inverters,
and distribution panels



SFEX AP Tape
Prevention of fire spread
in combiner boxes, inverters,
and distribution panels



PRODUCTS

SFEX MC4 Cover | Fire Extinguishing Cover for MC4 Connectors

Fire extinguishing solution for MC4 connectors



Overview

A device designed to enclose MC4 connectors, providing immediate fire suppression and preventing fire spread upon ignition.

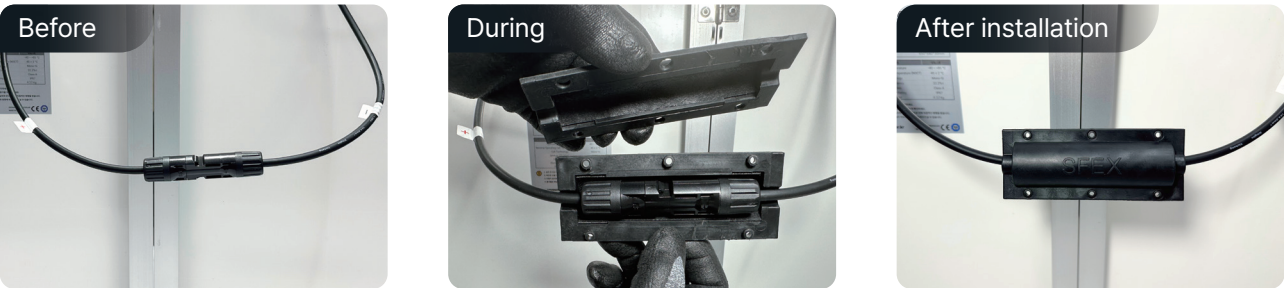
Features

Fire Retardant Cover Material |
A composite material with excellent weather resistance, heat resistance, chemical resistance, and electrical insulation.

Operating Method |
In the event of a fire, the extinguishing sheet performs two combined functions to suppress the fire and prevent fire spread.

Extinguishing Method |
Cooling extinguishing (Patent No. 10-2402409) and smothering extinguishing (Patent No. 10-2417215)

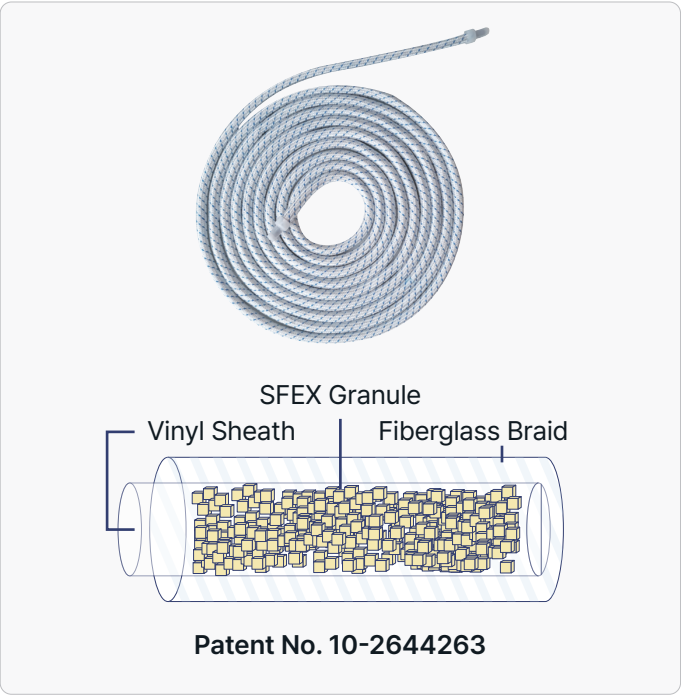
Installation



PRODUCTS

SFEX Line | Rope Type Fire Extinguisher for Electrical Panels

Fire extinguishing solution for combiner boxes, inverters, and distribution panels



Overview

An automatic fire extinguishing device installed in electrical panels to suppress fires at an early stage.

Its flexible rope-type design allows installation in narrow spaces where ignition is anticipated.

Features

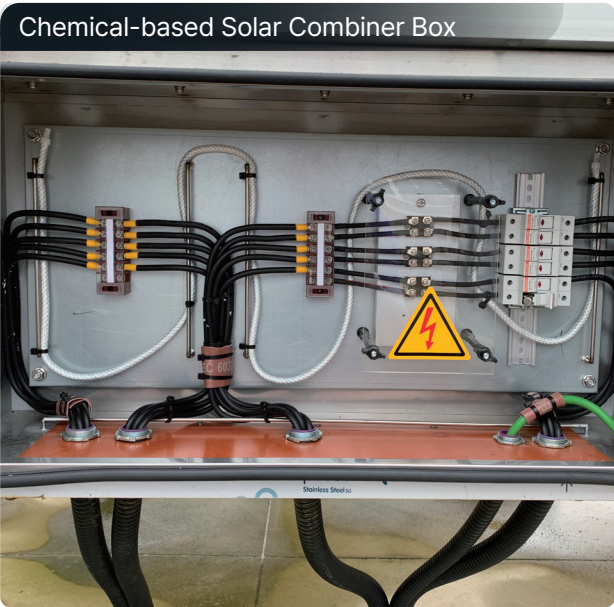
Function | Fire-extinguishing Device For Electrical Panels

Form | Flexible Rope Type

Extinguishing Method | Chemical Inhibition

Operating Method | Total Flooding System

Reference



PRODUCTS

SFEX AP Tape | Tape Type Fire Retardant for Cables

Fire spread prevention solution for combiner boxes, inverters, and distribution panels



Overview

It wraps around the incoming and outgoing cables of the distribution/switchboard to prevent fire spread to the outside and fire penetration into the inside.

Features

Function | Fire Extinguishing + Flame-retardant + Insulating Properties

Form | Tape Type

Extinguishing Method | Cooling & Chemical Inhibition

Operating Method | Local Application System

Reference

