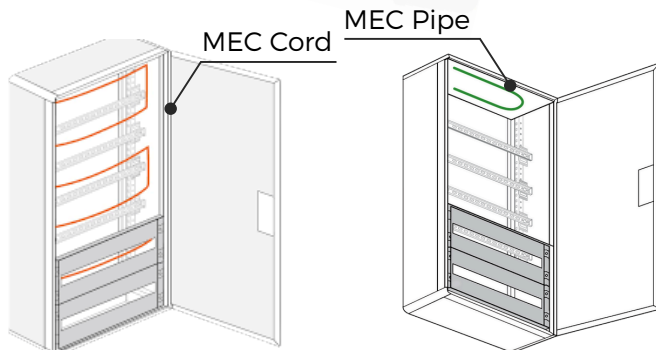
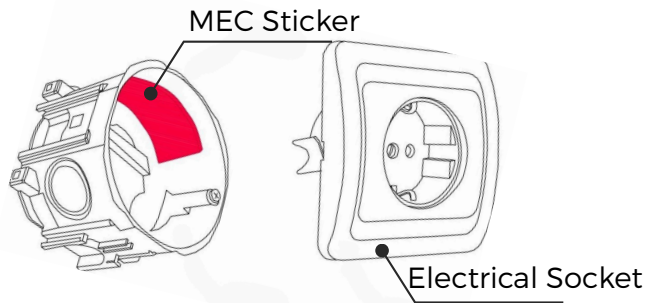




## Why Choose MEC Fire Suppression Solutions?

- 100% autonomous activation – No manual operation or power supply required.
- Instant fire suppression – Activates at 120°C, ensuring rapid response.
- Ideal for electrical & compact spaces – suitable for sensitive electronics.
- Zero maintenance – Long-lasting and self-sufficient.
- Flexible & easy installation – Can be mounted inside enclosures.

MEC fire suppression solutions provide cutting-edge fire protection, ensuring safety, efficiency, and zero operational downtime in electrical and industrial environments.



Electrical cabinet

Electrical cabinet



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## MEC360 PROTECT PVT LTD

236 Yoginagar township, Gotri, Vadodara ,  
GJ IN 390021



# MEC

NO MORE FIRE

Standalone fire  
extinguishing devices



## MEC Fire Extinguishing Technology

MEC 360's fire suppression is built on the innovative use of microencapsulated, granulated gaseous agents. This advanced technology provides immediate and effective fire extinguishing.

Upon exposure to critical heat (120°C+) or flames, the microcapsules rupture, unleashing a gaseous suppressant. This interrupts the fire's chain reaction, providing swift and effective flame elimination.

### How It Works

- Knocks down flames instantly.
- Sharp thermal quenching
- Chemical interference creates a fire-inhibiting environment, ensuring complete suppression.

### Key Benefits



No power & no sensor needed



Non hazardous, environment friendly



Easy to clean



Plug and play



Auto-activates



Volume up to 2 m<sup>3</sup>

FIRE CLASS - A, B and E 60 Months life

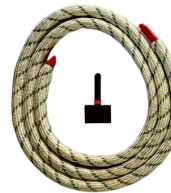
## MEC Cord

### MEC Cord – Flexible Fire Protection

Safeguard critical electrical infrastructure, such as server racks and control panels, with MEC Cord. This flexible, thermally-activated cord, filled with micro-encapsulated FK-5-1-12 gas granules, provides localized and instantaneous fire suppression. Upon activation, it releases a clean, gaseous dump, effectively halting fires within seconds. MEC Cord is designed for easy installation and requires minimal maintenance, ensuring long-lasting protection.

### Applications

- Electric motors & assemblies
- Server rooms
- Network racks
- Switching units & control stations
- Electric panels & cabinets
- Wiring clusters & connectors



PRODUCT SELECTION GUIDE		
Product Name	Length, m	Volume m <sup>3</sup>
MEC CORD 100	2.3	0.10
MEC CORD 200	3.4	0.20
MEC CORD 300	4.5	0.30
MEC CORD 500	6.3	0.50
MEC CORD 750	8.3	0.75
MEC CORD 1000	10.5	1.00
MEC CORD 1500	14.2	1.50
MEC CORD 2000	18.1	2.00



## MEC Sticker

### MEC Sticker – Micro-space fire defense.

The MEC sticker is an autonomous, adhesive-backed fire suppression device designed for small enclosures. It contains microcapsules embedded in a gas-permeable polymer matrix, which rupture at high temperatures, releasing FK-5-1-12 gas.

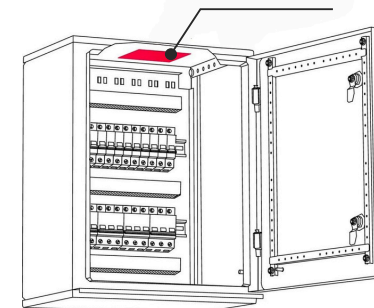
Fire protection for critical micro spaces (e.g., circuit boards, relays, high powered Socket).

### Applications

- Electrical distribution boards
- Fuse boxes & circuit breakers
- Battery compartments & safes
- Industrial control panels & automation systems



MEC Sticker



PRODUCT SELECTION GUIDE		
Product Name	Size, mm	Volume m <sup>3</sup>
MEC Sticker 10	20x30x2	0.01
MEC Sticker 20	100x50x2	0.02
MEC Sticker 30	100x100x2	0.03
MEC Sticker 50	150x100x2	0.05
MEC Sticker 65	200x100x2	0.06

