

AEV^{IS}™

Fire Extinguishing Wire

1. Product description

AEV^{IS}™ automatic fire extinguishing wire is designed to provide excellent fire extinguishing performance in a variety of fire situations. A fire suppression system is that extinguishes a fire by spraying the extinguishing agent (3M Novec™ 1230, FK-5-1-12) inside the microcapsule at a specific temperature.

AEV^{IS}™ automatic fire extinguishing wire product shows high extinguishing properties because all microcapsules are sprayed at the same time when extinguishing a fire.

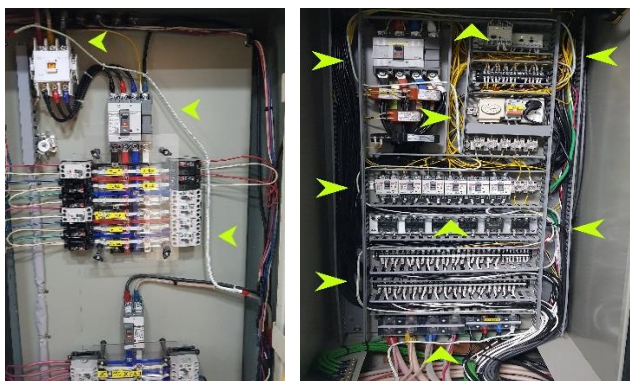
2. Product features

- ① Wire-type active firefighting system
→ Wire-type product using microcapsules filled with fire extinguishing agents
- ② Excellent fire extinguishing performance by active and simultaneous reaction
- ③ Adjustable wire length according to protection volume
→ It can be cut and connected appropriately depending on the situation and volume of the object to be protected.

※ Patent: 10-2122726

3. Application areas

Distribution panel, electricity storage facility, etc.



4. Product specification

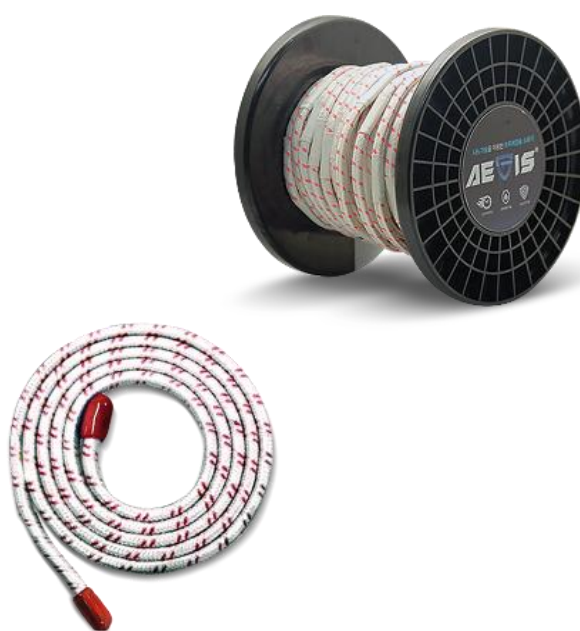
- ① Internal fire suppression material: 8mm x 6mm
 - ② Protective volume: 0.1m³/meter
- ※ Reference
-. 1 roll: 25meter length

5. Application techniques

- ① Select the area to be protected
 - ② Volume calculation
 - ③ Width (m) x Height (m) x Depth (m) = Volume (m³)
 - ④ Selection of product length
 - ⑤ Installation close to the top of the high risk of fire
 - ⑥ Install using a cable tie or magnetic ring or in a cable duct
- ※ Notice
-. Applying a closed space rather than an open space
-. For cutting, wrap insulation tape and cut with scissors
-. In case of connection, face both ends and wind with insulating tape

6. Precautions for use & storage conditions

- ① Do not use it for any other purpose than its intended purpose.
- ② Store at room temperature, and avoid exposure to heat sources such as direct sunlight or steam.



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