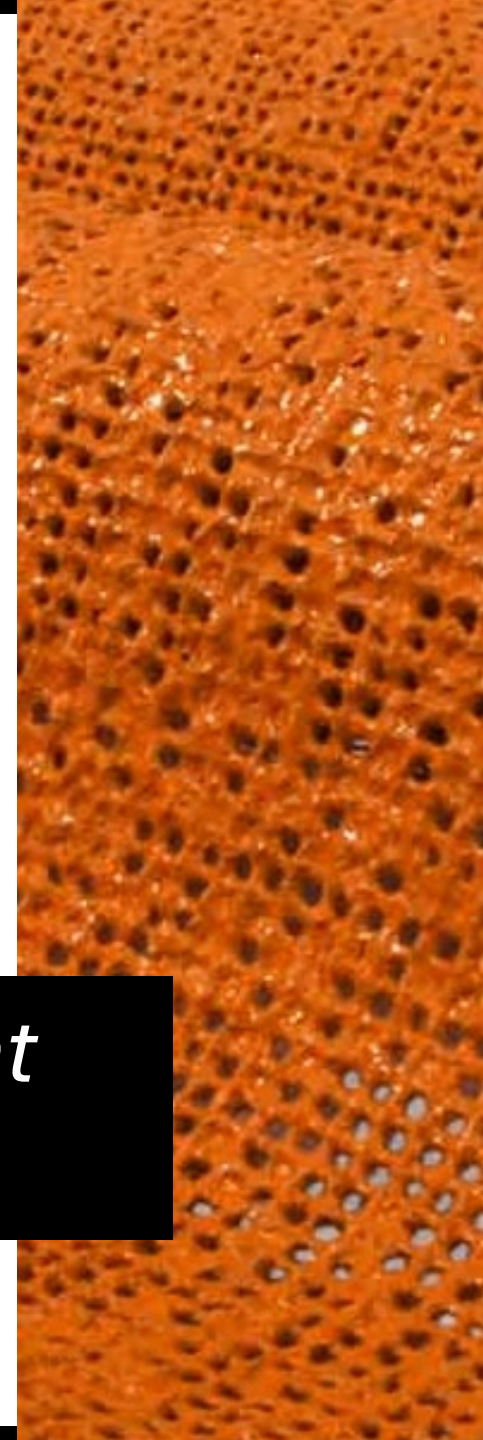


**ADROIT FIRE**

CLEVER FIRE SOLUTIONS

# HAPUFLAM FIRE PROTECTIVE MESH

*Intumescent  
fire barrier*



# ADVANCED FLAME RETARDANT PROTECTION FOR INDUSTRIAL CABLES: PREVENTS THE SPREAD OF FIRE FOR UP TO 120 MINUTES

**Hapuflam®** fire-resistant fabric **prevents the spread of fire** along electrical and telecommunications lines, providing a tough and reliable barrier that ensures safety and operational continuity.

This advanced flame-retardant material provides a superior protective barrier, ensuring that in the event of a fire, the flames do not spread along the electrical cables, thus mitigating the risk of further damage and guaranteeing safety in various installations.



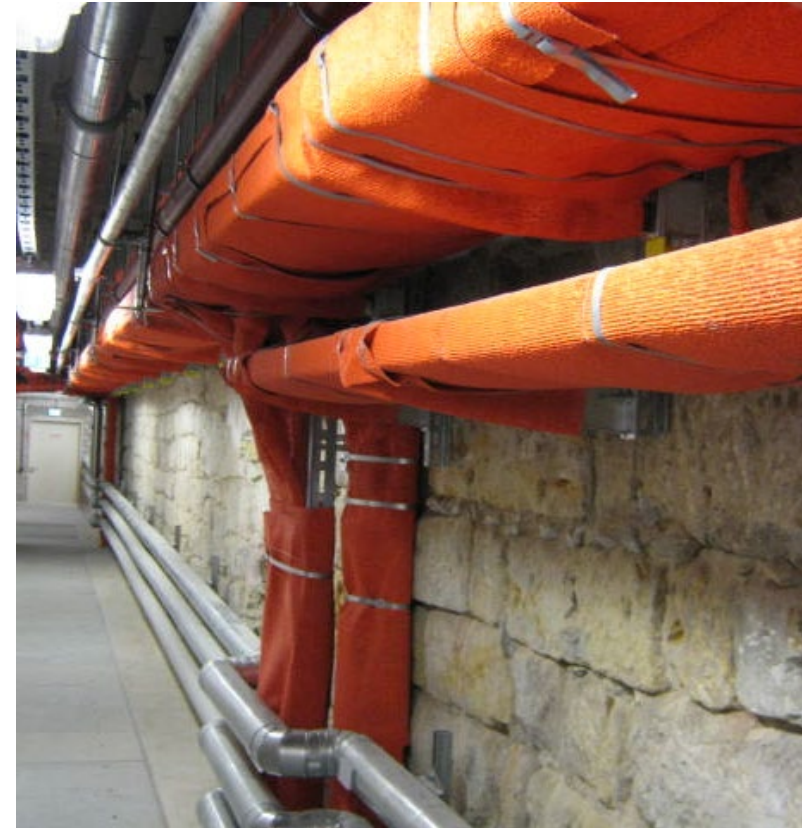
**Hapuflam**® not only meets the strictest fire safety standards, but is also highly resistant to high temperatures , making it an ideal choice for applications in industrial and commercial environments. Its specialized composition not only slows the spread of fire, but also contributes to the structural integrity of electrical systems during an emergency.

By installing **Hapuflam**® protective fabric , companies can ensure operational continuity and protect their most valuable assets, significantly reducing the likelihood of a widespread power outage or catastrophic fire. This product represents a crucial investment in fire prevention and electrical facility safety, providing peace of mind to maintenance personnel and safety managers.



# CHARACTERISTICS

- Due to their net-like structure , the heat generated by electrical wires can be easily dissipated , eliminating the need for additional insulation .
- Thanks to its high flexibility and tear resistance , the fabric offers permanent fire protection in existing systems.
- Hapuflam® fire protection textile is a preventative measure to avoid the development of fires and the transfer of fire through electrical lines or cable systems .
- The Hapuflam® product range for preventive fire protection offers special and easy-to-install safety for your systems and buildings.
- Easy application and inexpensive labor .
- No rubble or waste .
- It does not require cleaning old cables .
- Factory guaranteed uniform protection thickness .
- Minimize errors in the application of complex systems .

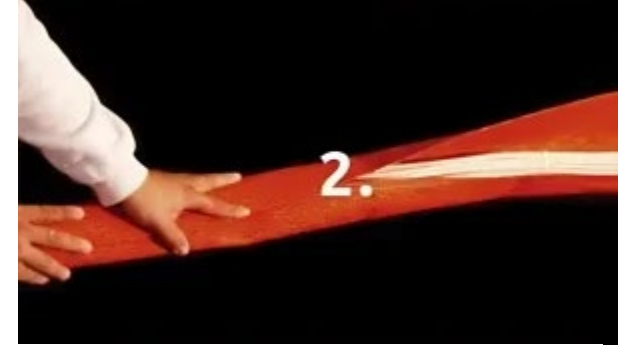


# MOUNTING

With Hapuflam® mounting clips, the Hapuflam® fire protection textile can also be easily mounted in very hard-to-reach areas without special tools.

These mounting clips can be opened and closed again at any time for later assembly.

- Simple and inexpensive assembly.
- No mess.
- There are no cable cleaning jobs.
- Uniform coating that prevents assembly errors.



# TECHNICAL PROPERTIES

- **Easy installation** , with access to any cable area.
- Unrestricted cable replacement.
- For its installation, cleaning of old fire-retardant paint on the cables is not required.
- **Thermal stability of 120 minutes at 850 °C** .
- **Neutralization of toxic gases** .
- **Cable protection** from the outside and inside.
- In hot zones it changes color, allowing **the location of the fire to be detected** .
- Its perforated fabric **allows for good ventilation** between the cables.



# FOAM PROPERTIES

- Heat transfer to the cables is considerably reduced .
- The foam prevents the supply of oxygen to the fire at the ignition source.
- The transfer of fire and the resulting flash do not take place.
- The foam development minimizes the halogen-containing gases produced when cable and plastic coatings burn.
- The costs resulting from fire due to corrosion and the treatment of poisonous substances are significantly reduced.



# REFERENCES



*Baquedano Metro Station –  
Santiago Chile*



*Repsol Petroleum Plant –  
Constanti Spain*



*Frankfurt Airport – Frankfurt  
Germany*



*Shopping Centre – Koblenz  
Germany*



*Allianz Arena Stadium –  
Munich Germany*



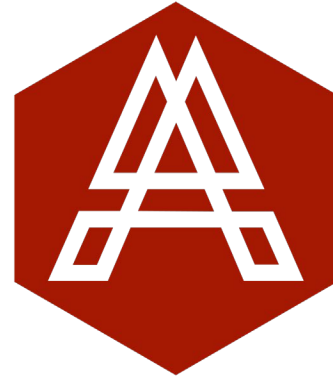
*Train Station – Dresden  
Germany*



*Berlin Olympic Stadium –  
Berlin Germany*



*Charite Hospital – Berlin  
Germany*



# ADROIT FIRE

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