

STABITERM-300



Key features and benefits of the Stabiterm-300 Fire-Protection mesh.

Fire-protection mesh "Stabiterm-300" is designed for fire protection of both new and existing electrical cables, cable lines and cable trays. Provides the specified performance of cable lines in a fire and prevents the spread of fire.

Delivery size of one unit of the "Stabiterm-300" fire-protection mesh is:

Width: 1 meter / Length: 20 meters / Area: 20 m²

Fire protection mesh is supplied in rolls. Dimensions of a roll:

Width: 1 meter / Diameter: 0.25 meter / Weight: 20 kg.



The mechanism of the protection in case of fire:

Under the influence of high temperatures (fire), the protective coating of the mesh expands, forming a dense coke layer that interferes with the spread of fire, the ignition site is localized, toxic gases that occur during thermal decomposition of the outer sheath of the electric cable are neutralized.

In the event of the self-ignition of electrical wiring (cables) and wire systems (cable systems) caused by short-circuiting or overheating, it prevents the fire from spreading via the electrical cables and cabling systems fitted with fire protection coatings – especially thanks to the action of the intumescent material.

Advantages of the Stabiterm-300 fire protection mesh:

1. The mesh structure of the material does not allow the cable line to overheat during operation, providing constant heat removal from the cable surface.
2. Fire retardant mesh is an elastic, flexible material and can be used anywhere.
3. Provides two-sided protection for cable lines.
4. Simplifies further maintenance, repair and replacement of sections of cable lines - the fire protection mesh provides easy access to any section of electrical cables, unlike paint that needs to be peeled off and then re-coated.
5. Convenience and ease of installation:
 - does not require special tools and highly qualified personnel: cut with a knife or scissors
 - lightweight material - the mesh is attached to the cable using steel knitting wire or special mounting brackets
 - during installation is not required to clean the electrical cables from old flame retardant coatings or dirt.
 - neutralization of toxic gaseous products during thermal decomposition of the outer sheath of the electric cable.
6. In places of poor contact or extremely hot cable, the fire retardant mesh darkens, which allows you to visually determine the place of cable overheating



 FIREPROLAB

 GANJINEH
PAVAN

Areas of use:

- industrial facilities (power plants, metro, airports, etc.)
- residential buildings
- underground premises