

PYRO-SAFE KS 1-CR Cable bandage

Fire protection system for cables, cable bundles and trays made of a glass fibre fabric with external PU coating and our intumescent paint PYRO-SAFE FLAMMOPLAST KS 1 inside.



PYRO-SAFE KS 1-CR cable bandage
(Mounting variants)

System description

Applications

Cables and wiring systems wrapped with the cable bandage fulfil the classification for flame-resistant material (DIN 4102-B1). Thus the system is protected against external fire sources.

In case of self-ignition of the cables due to short circuit or overheating, the start of a fire may be avoided and fire spread is prevented.

Characteristics

PYRO-SAFE KS 1-CR is made of flexible composite fibre glass fabric with grey external PU coating and internal white intumescent paint PYRO-SAFE FLAMMOPLAST KS 1 on water based dispersion. The product is highly resistant to aging. When exposed to fire or extensive heat, it forms a microporous, thermally insulating layer of foam. The gap between cables and cable bandage will be closed and thus prevents a fire from spreading.

Fire protection features

Up to 2 hours according to IEC 60332-3

Applicability certificate

Tested and approved according to national and international standards as e.g.:
DIN 4102, IEC 60332 and SOLAS
other standards on request

Cables / Cable trays

Subject to errors, typographical errors and modifications. The specified details reflect the state of the art / the effective standard at the time of printing (09/2014). Please let us know when you need information about the legal and technical requirements or the manufacturer's specification that apply to your specific case. © Copyright svt Unternehmensgruppe, Seevetal. PYRO-SAFE is a registered trademark © of svt Unternehmensgruppe, Seevetal.

Technical Data

Permissible services

For all kinds of cables, cable bundles and trays. The type approval does not permit use in damp locations or in high-moisture areas and when exposed to immediate atmospheric influences.

Particular points to note

It is not allowed to pass the bandage through fire compartments. In these areas an approved bulkhead system has to be installed, where the bandage abuts upon the sealing. Every fire protective wrapping has to be permanently labeled. Installation and handling permitted only in accordance with the approval, the installation instruction/technical drawings and trained specialists!

Retrospective installation

The subsequent installation is possible at any time with minimum personnel assignment by using the patent-protected svt mounting bracket. In order to have enough opportunities for subsequent installation, it is recommended to plan for enough reserve of the bandage overlap.

Components

- PYRO-SAFE KS 1-CR fabric
- Label