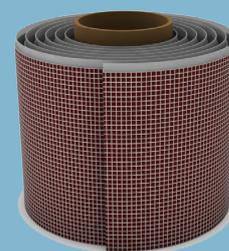


E501d.lv

Product Data Sheet 2017-01



FireWin

Knauf Fire protection Wrap - FPW

Product description

Knauf Fire protection wrap - FPW is a non-shrinking, solvent-free, self-adhesive, plastic butyl sealing tape that is intumescent in the event of fire. It is used as a cable wrap for fire resistance class EI 120 in the Knauf Firestop system - F.

Storage

5°C to 30°C (store rolls standing, in dry area protected against dust)

Method of delivery

Knauf Fire protection Wrap – FPW (5000 x 150 x 3 [mm]) incl. 40 steel clips, article no. 586157

Scope of application

Knauf Fire protection Wrap – FPW can be used for sheathing cables and cable trays in cable and mixed penetration seals.

Properties

- Rubber-like
- Non-shrinking
- Self-adhesive
- Can be plastically formed

Technical details	
Approval:	ETA-11/0206
Classification of the reaction to fire in accordance with DIN EN 13501-1:	Class E
Color:	Red-brown
Dimensions:	5000 x 150 x 3 [mm], delivery in roll form
Application temperature:	5 °C to 30 °C
Bulk density:	$\rho = 1215 \text{ kg/m}^3$ to 1485 kg/m^3
Expansion ratio:	6.0x to 9.0x Tested on samples at 450°C for 25 minutes with superimposed load. The expansion ratio is a laboratory characteristic value. The expansion ratio in installed status depends on the existing boundary conditions.
Continuous contact or ambient temperature:	< 60 °C
Testing the fire protection properties under environmental influences:	Use category Z1 (use in indoor areas with high humidity and temperatures $\geq 0 \text{ °C}$)

Note

Occasional, brief spray water stress does not pose a problem. Overall, continuous wet conditions and high moisture levels as well as standing water and pressing water must be avoided.

Influence of coating materials and chemicals:

The following paints and occasional, brief influence of chemicals do not cause any changes in the technical fire safety properties:

Coating materials: Dispersion paint, alkyd resin paint, polyurethane acrylic lacquer, epoxy resin lacquer, silicone

Solvent/oil: Trichloroethylene, xylene, acetone, white spirit, butyl acetate, butanol

Gaseous chemicals: Ammonia

Note: Environmental conditions with high humidity levels and/or some coating materials and chemicals can cause minor lightening of the color or changes in color.

Contact with metals and plastics:

The surface consistency of aluminum, stainless steel, galvanized steel and plastics made of polyethylene and polyvinyl chloride is not affected in a negative way upon contact with Knauf Fire protection wrap FPW.

Safety:

Please observe the EC Safety Data Sheet.

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