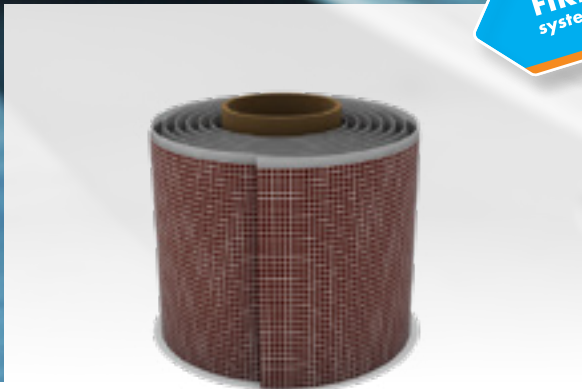


KNAUF FIRE PROTECTION WRAP

2



FIRE STOP-F
system component



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.

Method of delivery

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

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 $\geq 0 \text{ °C}$)

Storage

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

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

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.