

KM-FSL

FIRE PROTECTION INTUMESCENT STRIP FOR COMBUSTIBLE PIPES



GENERALITY

KM FSL is a multi-layer strip with fibre glass fabric, containing strips of graphitic intumescent material with high thermal expansion. In case of fire, the graphitic material inside the wrapper expands, sealing the crossing hole of the pipe.

DESCRIPTION

Fire fighting KM FSL, for combustible pipes.

FUNCTIONALITY

KM-FSL is used to seal the free space between masonry and combustible pipe in the crossing holes.

In case of fire the intumescent strip expands and seals the crossing hole after the melting of the combustible pipe.

CERTIFICATIONS

- According to European Standard UNI-EN 1366-3, EI 180 on concrete walls.

FEATURES

KM-FSL is a multi-layered strip with a fibre glass fabric wrapper and 10 mm internal ecological bio-soluble felt of 128 kg/m³ for high temperatures sandwiched between two layers of 2 mm KM-FF107 graphitic high thermal expansion gasket. This strip is laterally stitched with teflon coated thread.



USE

The element is used to seal the free space between masonry and combustible pipe in the crossing holes.

APPLICATION

Calculate the development of the free space between the pipe to be protected and the masonry; cut the necessary strip of KM-FSL and put it into the hole on the wall or concrete slab, wrapping the pipe to be protected.

TECHNICAL DATA

Colour:	white
Outside wrapper:	fibreglass fabric
Inside material:	two layer of 128 kg/m ³ 10 mm ecological bio-soluble felt, KM FF107 gasket
Density:	265 kg/m ³
Dimension:	3000x100x18 mm ± 5%
Storage:	indoor and not weathered
Transport:	no restrictions on land no restrictions ICAO/IATA-DGR (not in direct contact with edible products)

FURTHER INFORMATION

It does not require any precautionary measures for its use and handling. It is easy to cut with a sharp blade (cutter)

Classification and labeling:	no require any special labelling
Danger symbols and indications:	none
Warnings:	none
Safety advice:	none