

## **KM-FF 107**

### **FIRE PROOFING GRAPHITIC-BASED MATERIAL WITH HIGH THERMAL EXPANSION**



#### **GENERALITY**

**KM-FF107** is a graphitic-based intumescent material with high thermal expansion. Supplying in strips with adhesive. To made up collars for fire protection of combustible pipes, gaskets for expansion joints.

#### **DESCRIPTION**

**KM-FF107** is a strip of 50 and 100 mm high, in 25 mm rolls and 2 mm thick. The strip has a side with adhesive, which is protected by coating film to remove during the fitting up.

#### **FUNCTIONALITY**

**KM-FF107** is a main part of the fire fighting collars. It can be wound directly on the pipes, between the wall/slabs and the pipes.

#### **CERTIFICATIONS.**

- According the European Standard UNI EN 1366-3
- Reported on TEST REPORT NO. LZM00-01757/21/Z00NZM in support of ETA certification 22/0297 DATED 30/06/2022 as the main element constituting the collar.

## TECHNICAL DATA

<b>Colour:</b>	dark grey
<b>Density:</b>	630 kg/m <sup>3</sup>
<b>Free Expansion:</b>	at 400°C in 15 min
<b>Pressure:</b>	14 bar at 400 °C
<b>Flashpoint:</b>	not flammable
<b>Reaction temperature:</b>	200°C
<b>Compressibility:</b>	up to 30%
<b>Dangerous reaction:</b>	none observed
<b>Storage:</b>	in a closed environment not exposed to water and moisture
<b>Transport:</b>	no restrictions on land No restrictions ICAO/IATA-DGR (not in direct contact with edible products)

## FURTHER INFORMATION

<b>Acute effects to exposure:</b>	none
<b>Classification and labelling:</b>	none require
<b>Safety advice:</b>	none