

KM-FSG FIRE FIGHTING COLLAR FOR COMBUSTIBLE PIPE



GENERALITY

The collar **KM-FSG** is made up of a galvanized sheet metal U-shaped shell, containing strips of graphitic intumescent material with high thermal expansion **KM-FF107**.

DESCRIPTION

Fire fighting collar **KM-FSG**, for combustible ell pipes (90°/45°) - 75÷140 mm.

FUNCTIONALITY

Combustible ell pipes (90°/45°) are protected by the collar **KM-FSG**. They are utilized to protect pipes, through structures of compartmenting if impossible to set up a normal collar **KM-FS**.

FEATURES

The semicircular cap of collar **KM-FSG** must be set up to the combustible ell pipe with metal stud bolts. The open legs must stick to the combustible pipe and fix to the structure of the compartmenting. The collar is fixed to the lower side of the slab (ceiling side).

CERTIFICATIONS

- According to the European Standard UNI EN 1366-3, EI180
- ETA – 22/0297 (30/06/2022) according to EU standard no.305/2011, based on Europe document (EAD) 350454-00-1104 “Fire protection products and sealants. Penetration seals”

TECHNICAL DATA

Shell:	galvanized steel
Content:	graphitic based intumescent strips KM-FF107
Density:	630 kg/m ³
Free Expansion:	at 400 °C in 15 min
Pressure:	14 bar at 400°C
Flashpoint:	unflammable
Reaction temperature:	250°C
Dangerous Reaction:	none observed
Storage:	in a closed environment not exposed to water and moisture
Transport:	no restriction on land No restrictions ICAO/IATA-DGR (not in direct contact with edible products)

FURTHER INFORMATION

No care is required

Acute effects to exposure:	none
Classification and labelling:	none required
Warning:	none
Safety advice:	none