

FIRE RESISTANT COVER SYSTEM FOR AIR CONDITIONING DUCTS, STEEL AND COPPER PIPES, CABLES RACEWAYS AND FIRE STOP AIR LOCKS KM-FC 120 COVER KM-FC 180 COVER



GENERALITY

The system is made up of a band of cladding suitable for the fire protection of air conditioning ducts, steel and copper pipes, cables raceways and fire stop air locks.

Made up of two sheets, both of a 400 g/m² high temperature fibers fabric, one of them is covered with aluminum foil. Inside there is a 1 mm alkaline earthy silicate paper sheet, which is between two layers of ecological bio-soluble felt (128 kg/m³) for high temperature and edged with spun teflon glass.

DESCRIPTION

KM-FC120COVER. Fire protection band for air conditioning ducts.

KM-FC180COVER. Fire protection band for steel and copper pipes, cables raceways and fire stop air locks.

FUNCTIONALITY

KM-FC120COVER.

For the fire protection of the air conditioning ducts in fire risk areas. **KM-FC120COVER** protective band is 1200 mm wide and 30 mm thick, supplied in rolls of 5 meters (6 m²). The protection is made up of a layer of Cover wrapped around the ducts.

The longitudinal joints overlap by 200 mm, the perimeter joint overlap by 600 mm for 1000x500 mm duct; the joints are covered with adhesive aluminum tape **KM-ALU**.

All overlaps are fixed by a fibers fabric belt **KM-CGH**.

KM-FC180COVER.

For the fire protection of the air locks, copper and steel pipes, cables raceways in fire risk areas and crossings. **KM-FC180COVER** protective band is 1200 mm wide and 30 mm thick, supplied in rolls of 5 meters (6 m²). The protection is made up of a layer of Cover wrapped around the system and fixed with iron wire.

The joints overlap by about 50 mm, and covered with adhesive aluminum tape **KM-ALU**.

All overlaps are fixed by a fibers fabric belt **KM-CGH**.

CERTIFICATIONS.

- **KM-FC120COVER.** According to the European Standard UNI-EN 1366-1 EI120
- **KM-FC180COVER.** According to the European Standard UNI-EN 1366-3 EI180; UNI EN 1366-5 EI180

TECHNICAL DATA KM-FC120/180COVER

Outside covering:	white high temperature fibers fabric/aluminized high temperature fibers fabric of 400 g/m ² , operating temperature until 550°/600°C
Inside material:	ecological bio-soluble fiber felt 128 kg/m ³ ; 1 mm alkaline earthy silicate paper sheet, with classification temperature of 1100°C
Weight:	5 kg/m ²
Thickness:	30 mm ± 5%
Supplied in:	in 5 m rolls (6 m ²)
Storage:	limitless, at room temperature and not weathered
Transport:	no restrictions on land no restrictions ICAO/IATA-DGR (not in direct contact with edible products)

TECHNICAL DATA KM-CGH

Material:	white high temperature fibers fabric
Thickness:	2 mm ± 5%
Width:	50 mm
Supplied in:	in 5 m rolls (6 m ²)
Storage:	limitless, at room temperature and not weathered
Transport:	no restrictions on land no restrictions ICAO/IATA-DGR (not in direct contact with edible products)

TECHNICAL DATA KM-ALU TAPE

Colour:	silver
Base:	pure, soft, smooth aluminium film
Protection covering:	antiadhesive polyethylene film
Base Thickness:	0,025 mm
Tape thickness:	0,05 mm
Breaking load:	20 N/cm
Ultimate allungation:	4%
Adhesiveness on the steel:	9 N/cm
Thermal stability:	-40÷80°C
Permeability:	<1 g/m ² x24h
Supplied in:	in 5 m rolls (6 m ²)
Storage:	limitless, at room temperature 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.

Classification and labeling: the material does not require any special labeling.

Danger symbols and indications: none.

Warnings: none.

Safety advice: none.