

## KM-FC 120 COVER

## KM-FC 180 COVER

**FIRE RESISTANT COVER SYSTEM FOR  
AIR CONDITIONING DUCTS, STEEL AND  
COPPER PIPES, CABLES RACEWAYS  
AND FIRE STOP AIR LOCKS**



### 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/m<sup>2</sup> 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/m<sup>3</sup>) 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 m<sup>2</sup>). 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 m<sup>2</sup>). 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

<b>Outside covering:</b>	white high temperature fibers fabric/aluminized high temperature fibers fabric of 400 g/m <sup>2</sup> , operating temperature until 550°/600°C
<b>Inside material:</b>	ecological bio-soluble fiber felt 128 kg/m <sup>3</sup> ; 1 mm alkaline earthy silicate paper sheet, with classification temperature of 1100°C
<b>Density:</b>	25 kg/m <sup>2</sup>
<b>Thickness:</b>	30 mm ± 5%
<b>Supplied in:</b>	in 5 m rolls (6 m <sup>2</sup> )
<b>Storage:</b>	limitless, at room temperature and not weathered
<b>Transport:</b>	no restrictions on land no restrictions ICAO/IATA-DGR (not in direct contact with edible products)

## TECHNICAL DATA KM-CGH

<b>Material:</b>	white high temperature fibers fabric
<b>Density:</b>	25 kg/m <sup>2</sup>
<b>Thickness:</b>	2 mm ± 5%
<b>Width:</b>	50 mm
<b>Supplied in:</b>	in 5 m rolls (6 m <sup>2</sup> )
<b>Storage:</b>	limitless, at room temperature and not weathered
<b>Transport:</b>	no restrictions on land no restrictions ICAO/IATA-DGR (not in direct contact with edible products)

## TECHNICAL DATA KM-ALU TAPE

<b>Colour:</b>	silver
<b>Base:</b>	pure, soft, smooth aluminium film
<b>Protection covering:</b>	antiadhesive polyethylene film
<b>Base Thickness:</b>	0,025 mm
<b>Tape thickness:</b>	0,05 mm
<b>Breaking load:</b>	20 N/cm
<b>Ultimate allungation:</b>	4%
<b>Adhesiveness on the steel:</b>	9 N/cm
<b>Thermal stability:</b>	-40÷80°C
<b>Permeability:</b>	<1 g/m <sup>2</sup> x24h
<b>Supplied in:</b>	in 5 m rolls (6 m <sup>2</sup> )
<b>Storage:</b>	limitless, at room temperature and not weathered
<b>Transport:</b>	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.