THERMOSHRINKING BANDS

DESCRIPTION:
FACOT thermoshrinking bands are made of 2 plastic layers: the outer part is made of a particular crossed fabric of high density polyethylene (HDPE) predrawn during its working, while the inner part, the wrinkled side, is coated with a special adhesive layer to highly adhere both on metals and plastics. Thanks to heat, the outer side shrinks in a longitudinal way tightening the surface to be sealed. At the same time, the adhesive softens levelling possible unevenness on the parts to be joint together.
During the cooling phase the adhesive returns to the plastic state thus ensuring a perfect tightness of the bonding.

USE INSTRUCTIONS:
Clean the ends to be joint with a cloth to remove dirt and possible humidity.
If pipes or fittings are dirty with grease, put the part to be bonded on flames and then dry them.
No degreasing product is needed.
Wind up the FACOT band tight on the joint overlapping the ends so that the width is proportional to the diameter (about 10 % of the width). Fix the external end using the adhesive band.
Warm all the used band up with a hot air device (hair drier) or simply with a gas or butane patent blowpipe, until an adhesive filament will come out and the band will look like humid.
Now you can switch the heat source off. The operation has finished! After about 10 minutes the band will be cooled down and the joint will be perfect thus ensuring a lasting and safe tight and representing a perfect corrosion-proofing coating.
The joint will last over the years also in the presence of acid or saline fumes.

COMPLIES: UNI EN 12068, DIN 30672, Class of mechanical strength B-50.

POSSIBLE APPLICATIONS:
On couplings, TE joints, curves, uneven surfaces, ventilation and conditioning ducts.

INSTRUCTIONS FOR CORRECT INSTALLATION:

- Clean the metal surface by mechanical brushing. Clean the surface to remove any residue of abrasive material.
- Remove with flexible grindstone any surface irregularities as pointed arch, etc.
- Bevel the edge of the existing coating so as to obtain an angle of about 30 °C.
- Remove any moisture on the metal surface and in the adjacent zone of the coating plant with a propane torch (strong flame). Use two operators for pipes having a diameter greater than 14”.
- Performing the band taking care not to come in contact with the ground or polluting materials, wrap the pipe and overlapping the flaps about 10 cm. Remove protective film only after the band wrapped around the pipe.
- Apply the piece of sealing after having activated the adhesive with the flame (soft, blue-red). They adhere well to the band by heating and massaging.
- Proceed to the heating of the band starting at the center and going first to the right and to the left only when you notice that the thermoshrinking does join the band to the tube. During the operation massage with gloved hand is known where not perfect adherence or the presence of air pockets. The leaking of the adhesive from the edges of the band indicates the proper performance of the installation.

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TECHNICAL DATA:

Minimum shrink temperature	80 °C
Minimum full recovery temperature	95 °C
Max. operating temperature	50 °C
Tensile strength ASTM D-638	20 MPA
Ultimate elongation ASTM D-638	500 % min.
Softening point ASTM E28	85 °C
Lap shear test @ 23 °C DIN 30672	80 N/cm²
Peel to steel ASTM D-1000	40 lbs
Impact resistance DIN 30672	> 15 Nm
Cathodic disbondment ASTM G 42	10 mm - radius
Tape's Thickness	1,2 ÷ 1,5 mm

PACKAGING:

Item number: FATER005015, Dimensions: h 50 mm x 15 m, boxes of 15 pieces.
Item number: FATER007515, Dimensions: h 75 mm x 15 m, boxes of 15 pieces.
Item number: FATER010015, Dimensions: h 100 mm x 15 m, boxes of 15 pieces.

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