

Anti-Corrosive Self-Adhesive Bitumen Tape

Elotene
Tubi

The Product

Elotene I 30 is a self-adhesive bitumen tape available in different roll widths. It has been designed for the anti-corrosive and dielectric lining of underground pipes, for the protection of welded steel pipe joints and for the sealing/bonding of membrane joints.

The tape is made of a 130 µm LDPE Polyethylene U.V. stabilized slightly contracting film, and is covered by an adhesive bitumen-modified compound.

Compared with traditional torched-on products, Elotene enables perfect sealing and waterproofing even in difficult, narrow places, saving costly application time.

Characteristics

- Cold Applied without Use of Flames;
- Excellent Dielectric Resistance;
- Good Flexibility;
- Good Mechanical Protection;
- Self-Amalgamating.

Uses

- Dielectric and anti-corrosive coating of underground steel pipes.

- Dielectric and mechanical features replacement of welding points of underground steel pipes.
- Dielectric and mechanical features and anti-corrosive coating replacement due to underground pipe networks maintenance.

Surface Preparation and Installation

This product does not require special installation equipment but only a good surface preparation and the use of a sharp cutter or scissors. The surface must be clean, dry and dust-free. If it is badly corroded or rusty specific anti-corrosive treatment is recommended together with a bitumen primer.

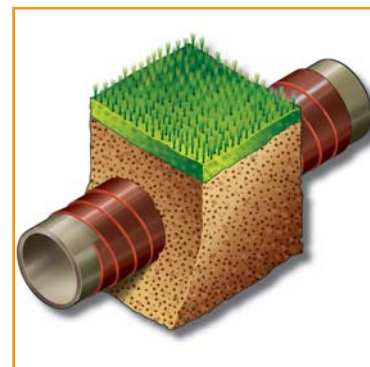
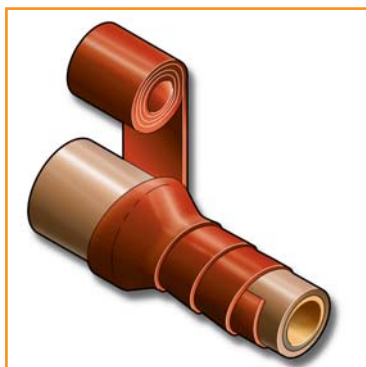
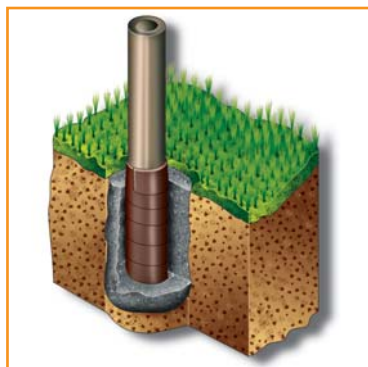
- Roll around the pipe applying constant pressure and pull until wrinkle-free.
- Overlap forming a spiral for 50% until thickness of lining is double of the tape thickness.
- This tape must be protected from UV rays within a few months after application..

Limitation

The quality and characteristics of the product remain unaltered for a long time; nevertheless it is best used

CHARACTERISTICS	VALUE	TEST
Thickness	1 - 1.5 mm	UNI 8202
Elongation at Break	381.5 %	UNI EN 12311-1
Tensile Strength	174.8 N	UNI EN 12311-1
Tear Resistance	53.4 N	UNI EN 12310-1
Adhesion to Steel	> 200 N	ASTM D 1000

CHARACTERISTICS	VALUE	TEST
Compression Resistance	0.97 mm	DIN 30672-1
Dielectric Strength	> 13 KV/mm	UNI 4291
Service Temperature	< 55°C	-
Application Temperature	+5°C / +40°C	-



within 12 months.

The product must be stored in a dry, covered environment at a temperature between +5°C and +40°C. Not affected by frost.

Health and Safety

The product is non-hazardous when used in the correct manner and by qualified adults.
Possible handling risks: cuts and abrasions.
Keep out of reach of children.
For further information refer to the Safety Data Sheet.
Transport classification: not applicable.
Flammability classification: B2 (DIN 4102).
Fire Reaction Classification: E (EN 11925 - 2; EN 13501 - 1).

Important

The manufacturer is not responsible for the use and application of the products.
Generic guarantees cannot be given, even if installation recommendations indicated in this data sheet are followed.
The manufacturer reserves the right to change product characteristics at any time without prior notice.

Sizes / Packaging

Standard roll length: 10 mt x 1,5mm or 15 mt x 1.0mm.
Standard roll width: 5 – 10 – 15 cm.
Different lengths and widths are available on request.
Rolls are individually shrink-wrapped, packed in cartons and placed on pallets.

The figures shown on this product leaflet can vary within a tolerance of +/-5%.
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