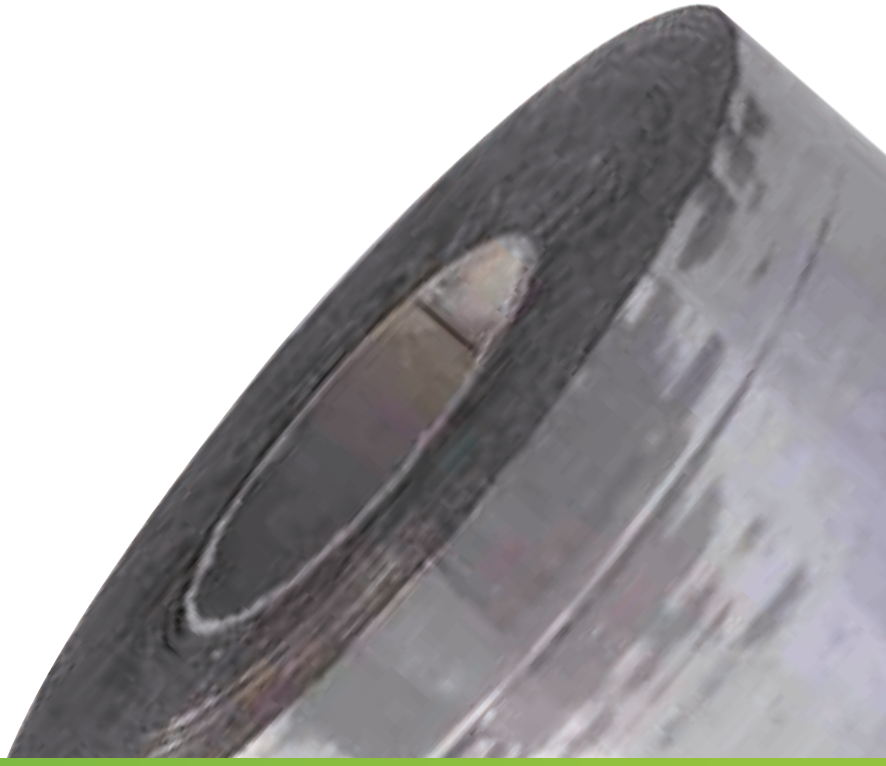


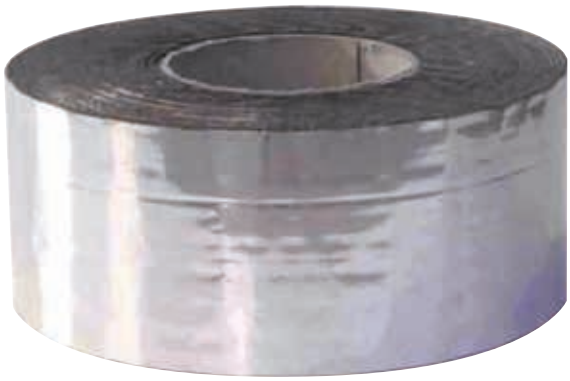
ACCESSORIES FOR PIPELINE CONSTRUCTION

Corrosion Protection Tapes - Alu Tape

Data Sheet

GERMAN QUALITY
DIN EN ISO 9001:2015 CERTIFIED

Alu Tape





USAGE

The AluTape 4 pipes seals and sticks to metal, plastic, concrete, stonework, plaster , wood or glass. The application for pipeline construction is basically the **UV and corrosion protection for above-ground pipelines**. Furthermore the tape can be applied as a **diffusion barrier** on pipe systems.

It is also suitable for the sealing of joints, cracks, gutters, connections on roofs and walls, covers, glass roofs and greenhouses, steel constructions, roof coverings and flashing boards.

APPLICATION

The surfaces which have to be sealed should be clean, dry and free of frost, fat and silicone. Porous or dusty underground should be pretreated with a priming (about 200ml/m²) to get an optimum bonding.

When primer V is used, please mix well and paint the area where the tape should be applied. Let the primer cure for minimum 10 minutes until it is not sticky any more. If the tape is not applied within two hours, the primering process has to be redone.

The best processing temperature is between 5°C and 45°C, pipe-surface temperature. If it is colder the tape can be warmed up with a propane flame or hot air gun (attention: consider safety regulations).

The AluTape 4 pipes must be pressed on tightly to avoid air entrapment. To be wrapped with min. 50% overlap (2 layers). Not approved for underground pipeline corrosion protection.

STORAGE

The product has to be stored away from sunlight at between 10°C to 30°C. The rolls should be kept dry and standing flat on their edges. This product is not sensitive to frost. The characteristics of the AluTape 4 pipes remain unchanged for a long time. An application within 12 month is recommended.

TECHNICAL DATA

AluTape 4 pipes is a self-adhesive and cold-applied sealing tape. The aluminium foil is specially plastic-finished on the surface, UV-resistant and therefore has a good mechanical stability. The adhesive consists of elastomeric bitumen and high quality adhe-sive resins, which are protected by a silicone-coated release foil.

Complete tape thickness	1,1mm ± 0,15 mm
Colour outside	aluminium-blank or lead colored*
Building material class	B2, normal inflammable DIN 4102
Softening point	≥ 85 °C DIN 52011
Cold bending behaviour	≥ - 30 °C DIN 52 123
Highest tensile strength	> 200 N DIN EN 12311-1
Water tightness	tight DIN EN 1928
Tearing strength	30 N DIN EN 12310
Steam transmission	sd > 1500 m DIN EN 1931
Wasserdampfdurchlässigkeit	sd > 1500 m DIN EN 1931

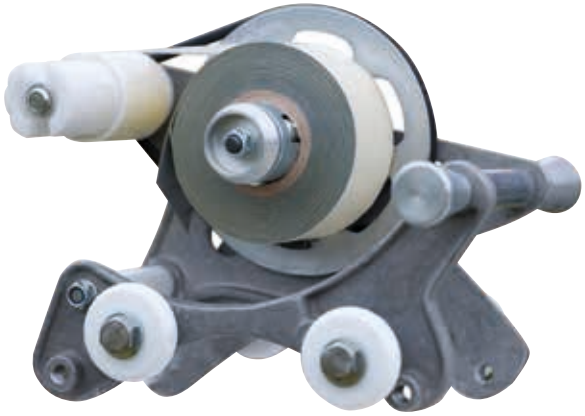
*special version

STANDARD DELIVERY TYPES

Roll width (mm):	50	100
Rolls/boxes:	24	12
Length/roll (m):	15	15
Art. No.	16550	16551
Other packing units on request		
Recommend primer:	Primer V 1 liter	Art. No. 16595
	Primer V 5 l liter	Art. No. 16596

The 4 pipes warranty only applies to faulty material. Checking the suitability of the product for the individual application is solely the responsibility of the user.

Wrapping Machine



Wrapping machine for tape width up to 100 mm,
for core 41 mm – Art.-No. 16600

PRODUCT INFORMATION

The hand-wrapping machine is designed to apply corrosion protection tapes on pipelines and elbows of different kinds and dimensions.

The standard wrapping machine is suitable for tapes up to 100 mm width.

In the ditch a minimum space of 400 mm around the pipeline is required to work with best results.

Pay attention that all four rollers have contact to the pipe surface during the wrapping process to achieve best quality.

ADANTAGES

- Easy effort-saving wrapping
- Continuous tension adjustable
- Quick change of tape-rolls
- Integrated automatic wrap-up of the release foil
- Overlap adjustable easily
- For 41 mm tape-core ID´s
- For pipe dimensions ≥ DN 80

The machine can quickly be adjusted for different tape width. The necessary spare parts come as part of the kit.

4 pipes GmbH

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