

AS 63

NORUST ZINC TAPE

Versatile and easily applied corrosion control coating system that protects structures from rust.



NORUST ZINC TAPE



NoRust Zinc Anti-corrosive Tape is a flexible and self-adhesive material composed of the high-purity zinc mass, special adhesive layer and release liner. It has been designed to ensure anti-corrosive protection for metal elements made of steel, iron and light alloys.

The adhesive layer of NoRust Zinc Tape has a special composition that combines glue and zinc powder to provide electro-conductive properties. This ensures that zinc is in constant electrical contact with the protected metal. Properly installed NoRust-Zinc Tape offers a long time protection which, in most situations, will last for the lifetime of the protected object.



APPLICATION FIELDS

- Industrial tanks and pipelines (refineries and petrochemical plants)
- Automotive and transport industry (cars, planes, trains, ships, bridges)
- Marine industry (onshore and offshore)
- Hinges and bolted connections

INSTALLATION

SURFACE PREPARATIONS

- The surface must be dry and free from corrosion
- Surface with visible light or medium corrosion needs to be cleaned by mechanical or manual wire brushing.
- In order to achieve an optimum functionality of NoRust Zinc tape it is important to ensure direct contact between NoRust Zinc Tape and steel.
- Do not apply NoRust Zinc Tape when the air or metal temperature is less than 3°C or within 3°C of the dew point. Exposure temperature should be between -40 and +160°C.

INSTALLATION

Zinc Tape is applied directly onto the steel structure. During the installation on flat surfaces, apply the tape on the whole surface with an overlap of a minimum 20 mm. To protect irregular shapes, Zinc tape needs to be cut to the required dimension. Apply the tape carefully to avoid air bubbles or creases. Very good adhesion is achieved by using magnetic roller applicator. The application of NoRust Zinc Tape on pipes is the fastest and most efficient when carried out by a wrapping machine. Otherwise, Zinc Tape needs to be cut and hand-applied.

TWO OPTIONS AVAILABLE

NON-ELECTRO CONDUCTIVE

Only passive protection.



This version of the product is equipped with a regular adhesive without electro conductive properties. It offers only a **PASSIVE protection**, as zinc layer creates a barrier coating on the protected surface.

ELECTRO CONDUCTIVE

Passive and active protection.



This version of the product is equipped with special electro conductive adhesive. It offers a double anti-corrosive protection, both **PASSIVE and ACTIVE**, as the zinc in combinations with the electro-conductive adhesive acts as a sacrificial anode corroding instead of the protected element.

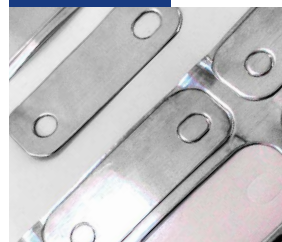
TECHNICAL DETAILS

* without/ with electro-conductive properties

Zinc layer thickness	100 µm
Adhesive layer thickness	50 / 60 µm *
Total thickness	220 µm (including release liner)
Operating temperature	From -40 °C to 160 °C
DC Resistance	49,2 mΩ ± 2,0 mΩ
Adhesive	Solvent polyacrylate, permanent
Adhesive strength	22 N/25mm after 24h (AFERA 500I)
Shelf life	Undefined

AVAILABILITY

CODE	DIMENSION WEIGHT	IMPA
AS-63/25	25mm x 5m / 0,45kg	673221
AS-63/50	50mm x 5m / 0,90kg	673522
AS-63/100	100mm x 5m / 1,80kg	673523



OTHER DIMENSIONS AND CUSTOM SHAPES ON SPECIAL DEMAND



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