

1. Product

SOLAS Retro-reflective tape – TYPE II.

2. Product Description

Retro-reflective material for application to the flexible or rigid surfaces of life-saving appliances such as lifeboats and rescue boats, liferafts, lifejackets, or immersion suits, to assist in their detection.

The SOLAS Retro-reflective tape is classified Type II - Highly weather-resistant material for continuous outdoor exposure.

Service Temperature: -30°C to +65°C



3. Colour

The SOLAS Retro-reflective Tape is silver under daytime viewing conditions and reflect bright white in the night-time conditions when it is exposed to light, over a wide range of entrance angles.

4. Dimensions

Width: 50 mm
Length: 45.72 m
Thickness: 0.275 mm

5. Certification

MED Certification

EC Type Examination Module B Certificate
EC Module D Certificate of Conformity

TA

Type Approval - LR2160191SS-01
SOLAS – XT1800A – TYPE II

USCG Approved

In accordance with the Mutual Recognition Agreement – between the USA and the EC on mutual recognition of certificates of conformity for Marine Equipment - USCG Approval Category 164.018.

6. Installation

The installation of the product must follow the following indications:

Preparation of the application surface:

All surfaces on which SOLAS Retro-reflective Tape is to be installed shall be considered as contaminated.

Cleaning and Degreasing - For this operation, a degreasing solution must be used; for example, isopropyl alcohol in the proportion 70% isopropyl alcohol and 30% water.

The cleaning operation must be done in two phases:

- Start by applying the degreasing solution to the surface and clean the whole surface in circular movements with a paper or cloth that does not leave residues, to remove dirt and grease;
- Proceed by applying a second dosage of the degreasing solution to the surface and, this time, cleaning it with movements in only one direction.

Drying – Let it dry, waiting 2 to 3 minutes until all cleaning solution evaporates. Do not touch the previously cleaned and degreased surfaces with your fingers.

Product application

Removal of the protective paper from the SOLAS Retro-reflective Tape - Remove the self-adhesive backing paper in one corner of the product without touching the adhesive.

Application of the product - Apply the product in the previously prepared place, avoiding the formation of bubbles and exerting pressure throughout the product area. It is recommended to use a roller for better distribution of forces throughout the surface.

The quality of the adhesion will depend on the amount of contact between the adhesive and the installation surface. A strong, homogenous pressure promotes union.

The application should be made at the room temperature not less than +10°C.

Once applied, at the recommended application temperature, possible temperature changes are generally well tolerated by the glue, without modifying the adhesion properties of the glue.

For further details please see the Everlux Installation Guide for self-adhesive products.

7. Guarantee

In normal conditions of mounting and adequate cleanness and maintenance, the tape is covered with a 10 years warranty against manufacturing defects.

8. Legislation and Normative references

The SOLAS Retro-reflective Tape comply with the following regulations:

- IMO Res. A.658(16)
- SOLAS 74, Reg. III/34
- IMO Res. MSC.36(63) – (HSC Code 1994) 8
- IMO Res. MSC.48(66) - LSA Code I
- IMO Res. MSC.97(73)
- HSC Code 2000
- Code of Federal Regulations (CFR) - Title 46. Shipping
- Canadian Life Saving Appliance Standard - TP 14475 E
- European Regulation (EU) 2020/1170
- European Commission Directive 2014/90/EU