

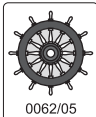


Manufactured in the EU
Certified by Bureau Veritas and US Coast Guard

T-ISS

Solas Retroreflective Tape

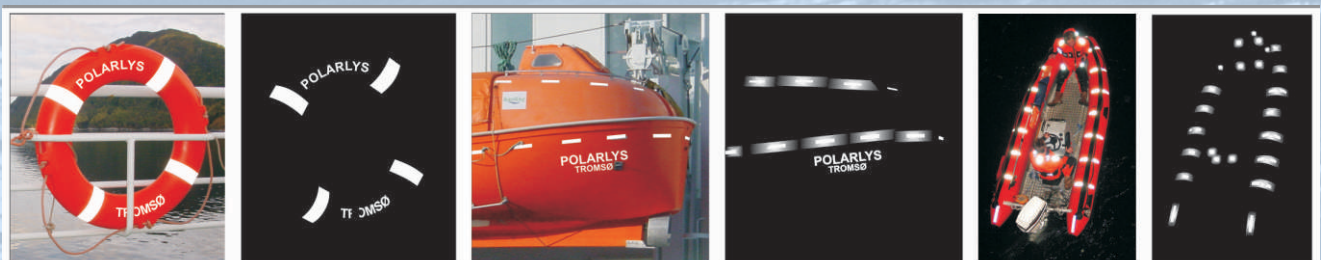
Art.no.:
CS 512
Color:
White
Type:
Selfadhesive
Format:
50 mm x 45,7 m.



INTRODUCTION:

CS 512 SOLAS Retro Reflective Tape is intended for reflectorizing SOLAS life support equipment such as life vests, jackets, and rafts. It conforms to, IMO Res. A.658 (16) and meets U.S. Coast Guard specification 46 CFR Part 164, Subpart 164.018/5/0. It is approved by numerous national authorities around the globe. It is approved with the Wheelmark approval by Bureau Veritas

CS 512 SOLAS Tape is an encapsulated lens type sheeting with a flexible and highly transparent plastic film. Our tape has been specially designed for the marine industry. It ensure long durability, high brightness and antidelamination. All products are comprised of an encapsulated lens optical design that provides high reflectivity over a wide range of entrance angles, whether dry or wet. All products are silver in color under daytime viewing conditions and reflect a bright white.



Product Information Sheet

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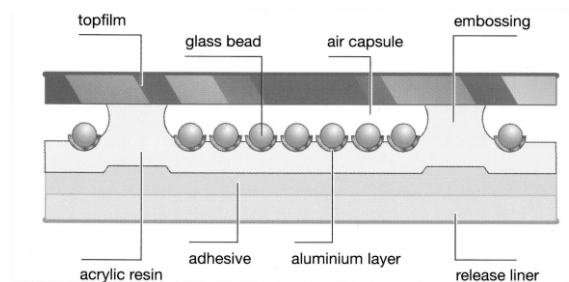
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RETROREFLECTIVE PERFORMANCE:

The coefficient of retroreflection (R' in $\text{cd}\cdot\text{lx}^{-1}\cdot\text{m}^{-2}$) is measured by methods traceable to either of the following retroreflective intensity testing procedures: ASTM E809 and E810 (R_A) or CIE 54: 1982 (R').

The figures in the table represent the minimum R' values as measured at the listed specific entrances and observations angles. The brightness of retro-reflective material, when tested as described in section 4.9 of IMO Res. A.658(16) Annex 2 should be not less than 80% of the below table values. Based on tests performed by T-ISS in accordance with IMO procedures and verified by an outside third party, CS 512 reflective material meets or exceeds these values.

Entrance angle	Observation angle			
	0,1°	0,2°	0,5°	1°
5°	180	175	72	14
30°	140	135	70	12
45°	85	85	48	9,4



INSTALLATION INSTRUCTION

Clean the surface carefully. To ensure the highest performance from the material, T-ISS CS 512, should be installed making sure that these finished surfaces are clear of dirt, dust, debris and liquids. Unroll the material and cut to fit the area to be glued on or stitched on. If glueing around a lifebuoy always take an overleap of 5 cm. Temperature must be above 15 Celsius and after fixing leave it for 24hrs in this temperature. When heavy soiling occurs through oil, grease or other products, the contaminated area should be cleaned before installing the Solasgrade Tape. After installing on the surface the Tape should be there for at least 12 hours for perfect adhesive.

MAINTENANCE AND STORAGE

Should you wish to inspect the tape T-ISS CS512. When re-protecting new fixing tape will be required. Small rips and cuts can be repaired either with fixing tape or placing a small patch of the material and taping to the existing material.

The material can be stored for 12 months in an area with a temperature between 18 and 24 Celsius, max humidity 50%.