



SOLAS tape

Technical specification

Please note that technical specification can vary due to appliance and external circumstances.



Material	Retro-reflective tape: PC resin with encapsulated catadioptric glass beads
Colour	Silver under daytime viewing conditions
Reflection	Bright white, high retro-reflectivity over a wide range of entrance angles, dry and wet
Cover material	Polypropylene film, silicone coated one side, 0.075 mm
Adhesive	Pressure sensitive adhesion
Application area	SOLAS life support equipment, such as life buoys, life vests, jackets and rafts
Thickness	0.0725 mm (average) (excl. covering paper and adhesive)
Temperature resistance	Adhered to aluminium or other products, -56°C to +82°C
Seawater resistance	Adhered to aluminium or other products, after 100h/23°C, no change
Solvent / chemical resistance	With expert application resistant to most oils, grease, fuels, aliphatic solvents, weak acids, salts and alkalis
Resistance to cleaning agents	Adhered to aluminium or other products, 8h in washalcalics (0,5% household cleaning agents) at room temperature and 65°C, no change
Adhesive power (FINAT TM 1, after 24h, Aluminum plate)	30 N/25mm
Storage life	3 years (in original packaging, at 20°C and 50% relative humidity)
Adherence temperature	Min. +15°C
Service life by specialist application:	10 years (not printed)

Attention: Surfaces to which the material will be applied must be thoroughly cleaned from dust, grease or any contamination which could affect the adhesion of the material. Freshly lacquered or painted surfaces should be allowed to dry for at least three weeks and to completely cure respectively. The compatibility of selected lacquers and paints should be tested by the user, prior to application of the material. The self-adhesive reflective material can only be used for dry application. The low tensile strength of the material can make the removability of the reflective film more difficult.

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