

Description

Reflexite® FTP 2000 is a thin and flexible fluorescent lime retroreflective fire tape designed to meet or exceed the requirements of EN 469:2005 Protective Clothing for Fire-Fighters offering superior reflectivity and durability under today's most demanding fire-fighting conditions.

A smooth sealed outer surface provides superior performance in the critical areas of abrasion resistance, wet performance and cleanability. The product has a distinctive and visually appealing diamond pattern. The tape has a full width of 50 mm and 75 mm in combined characteristics; full width fluorescence and reflectivity, with a centre stripe with extra high reflective properties.

Product Construction

Reflexite® FTP 2000 is composed of cube corner (microprism) retroreflective elements integrally bonded to a flexible, smooth-surfaced tough and weather resistant UV stabilized polymeric film. The prism surfaces are metallised to protect them from dirt and moisture. The product is provided with a specially formulated flame and heat resistant fabric backing and allows for sewing applications.

Product Approvals

The product is fully compliant with specifications:
EN 469:2005

Visual Appearance



Colour

Reflexite® FTP 2000 is available in fluorescent lime, offering both superior daytime visibility through fluorescence, as well as outstanding nighttime visibility through reflected colour similar to that of its daytime appearance.

Retroreflectivity

Reflexite® FTP 2000 has a typical retroreflective value of 600 cd/lux/m² when measured at 0,2° / 5° geometry and exceeds the minimum reflectivity requirements of EN ISO 20471:2013 separate performance, when tested in the centre stripe only.

The tape cannot be used to certify garments to EN ISO 20471:2013 as the tape when measured in 50 mm width does not meet the minimum reflectivity requirements.

Care Instructions

Reflexite® FTP 2000, when washed in accordance with ISO 6330:2012 Method 2A will withstand a minimum of 50 washings at 60° C and when washed in accordance with ISO 6330:2013 Method 1A will withstand a minimum of 30 washings at 92° C when attached to a variety of background materials.



Please contact ORAFOL for full care and application instructions.

Flame Resistance

Reflexite® FTP 2000 meets the requirements of EN 469:2005 clause 6.1 and EN ISO 14116:2008 Index 3 when tested in accordance with ISO 15025 Method A in new condition and also after 50 wash cycles according to ISO 6330:2012 Method 2A (60° C) and 30 wash cycles according to ISO 6330:2012 Method 1A (92° C).

Thermal Resistance

Reflexite® FTP 2000 exceeds the photometric requirements of EN ISO 20471:2013 after convective heat exposure at 180° C for 5 minutes when new (EN 469:2005 Annex B.3.1) and also exceeds the photometric requirements after 5 washing cycles (according to ISO:6330:2012 Method 2A) and convective heat exposure at 180° C for 5 minutes.

Cleanability

Reflexite® FTP 2000 features a glossy top surface which is inherently resistant to soiling and allows for easy cleaning. Dirt, soot and smoke stains may be readily cleaned using non-abrasive soap and water, thus restoring significant reflectivity and fluorescence to the product.

Shelf Life

The product should be used within one year from the shipment date. All rolls including partially used rolls should be stored in original packaging, tightly wound. Store in a clean and dry area, away from direct sunlight. Store at 20° C and 50% relative humidity.

IMPORTANT NOTICE

All Reflexite® and ORALITE® products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects. Published information concerning Reflexite® and ORALITE® products is based upon research which the Company believes to be reliable although such information does not constitute a warranty. Because of the variety of uses of Reflexite® and ORALITE® products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. All specifications are subject to change without prior notice.

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