

General Information

Reflexite® FTP 2000 / 2100 is a microprismatic retroreflective tape, used to reflectorise fire-fighter's garments, and is fully certified to meet the requirements of EN 469:2005. Reflexite® FTP 2100 is additionally certified according to EN ISO 20471:2013.

Reflexite® FTP 2000 / 2100 is certified for 50 wash cycles according to ISO 6330:2012 Method 6N*. Changes in product performance due to modifications in the specified process are the responsibility of the user. The suitability of the intended care process must be determined by the end user.

Reflexite® FTP 2000 / 2100 cleans as well at lower temperature as it does at higher temperatures. Therefore select the lowest washing temperature that will ensure adequate cleaning of the fabric. This will allow environmentally friendly washing and will exceed the life of the garment.

Variations in environmental conditions, as well as chosen care process, may affect the life of the garment.

Care Instructions



Hand Washing

Hand washing can be done with a sponge, a soft fabric cloth or a soft brush with lukewarm water and a mild detergent. After washing, the tape must be rinsed with clean water.

Household Washing

Recommended washing method is ISO 6330:2012 Method 6N*

Washer: Standard household washing machine

Temperature: 40° or 60° C

Detergent: Standard household detergent

Setting: "Coloured clothing without pre-wash"

Maximum washing time on highest temperature is not to exceed 12 minutes.

Maximum total washing time is not to exceed 50 minutes.

*The product has also been certified in accordance with ISO 6330:2012 Method 9N and will withstand a minimum of 30 washings at 92° C.

Bleaching

Only non-chlorine bleach when needed.

Drying

Use a household tumble dryer, Normal, low or medium heat.

Dry to "slightly humid". DO NOT OVER DRY!

Maximum exhaust temperature shall not exceed 80° C.

For extended life, garment should be turned inside out before drying

Fire garments are sometimes dried in a static drying room where cool air is blown into the inside of the jacket and the jacket is dried from the inside out.

Ironing

Do not use steam.
Use a cool or warm temperature setting.
Avoid direct contact of the tape when ironing, use a press cloth.

Chemical Cleaning / Dry Cleaning

Do not dry clean.

Cleanability

Reflexite® FTP 2000 / 2100 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. Reflective elements which are behind the top surface will not be affected.

Application Instructions

Sewing to Garment Background Fabric – Sewing Machine Settings

Reflexite® FTP 2000 / 2100 may be sewn onto garments using a flame retardant thread. The product is a single layer construction which allows for stitching in any area of the surface. The stitching should be at least 3 mm from the edge of the garment tape. A stitch count of 8-10 stitches per 25 mm is recommended.

We recommend taking the following measures if the tape binds when being sewn:

1. Reduce pressure on the machine foot
2. Use a teflon coated pressure foot, if necessary
3. Use of a silicone spray or silicon coated cloth will help to lubricate the surface of the tape.

Background Fabric

ORAFOL has performed compatibility checks with many readily available background fabrics. We cannot give an open guarantee that the chosen background fabric is fully compatible please check with the manufacturer of the fabric before use.

Note

Do not stretch the tape as it is being applied. ORAFOL recommends that the tape is turned under and sewn through the doubled over edge. This helps prevent moisture ingress. Where possible within the design of the garment the cut ends should be inside the seams of the garment.

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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