

General Information

ORALITE® FD 1403 / FD 1404 reflective trims are a tough weather and solvent resistant product designed for rugged outdoor maritime use. These are used for application onto rigid and non-rigid maritime substrates i.e. life rafts, life buoys, life vests and life boats.

For more information on ORALITE® FD 1403 / FD 1404, please reference the Technical Product Bulletins, which are available from your ORAFOL representative.

Adhesive Application

ORALITE® FD 1403 / FD 1404 reflective trims are supplied with a pressure sensitive adhesive. The adhesive is protected by a release liner, which shall be removed by peeling, without soaking in water or solvents.

- The surface should be cleaned and allowed to dry (please ensure that all silicone or mould release agents on moulded polymer materials have been thoroughly cleaned before adhesive application).
- ORAFOL recommends isopropyl alcohol or a similar cleaner.
- The adhesive liner should be partially removed and the tape aligned to its final position.
- Uniform pressure should be applied to produce full contact with the substrate, but not impart wrinkles.
- After the tape has been applied it should be passed over with a squeegee to ensure 100% contact.
- Cover the squeegee with a soft cloth to prevent scratching the surface of the tape.

Sewing Instructions

ORALITE® FD1403 reflective trim is also supplied with sewable fabric backing. ORALITE® FD 1403 reflective trim is a single layer product and can be stitched in any area of the surface. ORAFOL recommends that the products are sewn at a minimum of 3 mm in from the edge and the number of stitches should not exceed 8 per 25,4 mm. The following guidelines can be helpful in reducing drag that is sometimes encountered when sewing ORAFOL reflective trims:

- Use one of the following presser feet: Teflon coated roller or a walking presser foot.
- Reduce the pressure on a standard pressure foot.
- Occasionally use a small amount of silicon* applied with spray or sponge.
- Double needle sewing machine with puller.

*Note

Some spray lubricants may contain oil /solvents that can lead to fabric dye migration /bleeding into reflective trims.

The following precautions are recommended:

Pretest any lubricant prior to use. Apply a small amount of lubricant onto the surface of the reflective trim and then cover with fabric swatch for 24 hours. Inspect trim for staining after fabric removal.

Always wipe away excess lubricants after application

If you have any questions regarding lubricant compatibility, please contact ORAFOL's customer service team.

IMPORTANT NOTICE

All 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 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 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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