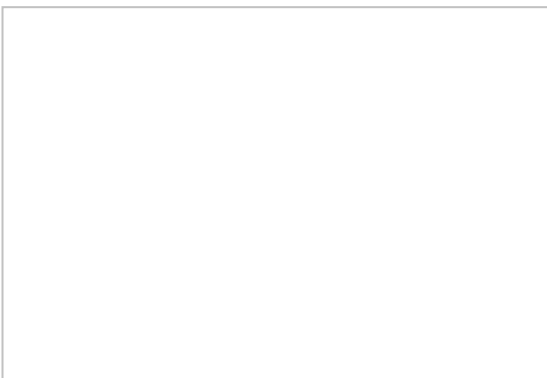


Scope

This document provides data for Reflexite® AU350 Reflective Garment Tape for high visibility garments.

The typical data in this document is not intended to be used as a product specification. The typical data represents a minimum of 85% of production.



The Product

Reflexite® AU350 Reflective Garment Tape is a tough, weather resistant tape designed to be sewn or H.F. welded on to high visibility garments. The product is fully compliant with specification EN471. The product also exceeds the requirements for Class R contained in AS/NZ 1906.4, High Visibility Materials for Safety Garments.

Standard width is 50mm.

Colours available are Fluorescent Red/Orange.

Test Certification

Reflexite® AU350 Fluorescent Red/Orange Reflective Garment Tape has been tested to AS/NZ 1906.4 Class R, by a NATA approved Testing Authority (AWTA). Test certificates are available upon request.

Construction

Reflexite® AU350 Reflective Garment Tape is composed of cube corner (microprism) retroreflective elements integrally bonded to a flexible, smooth surfaced, tough and weather resistant UV stabilised polymeric film. The reflective material is welded to a UV stabilised polymeric film to protect the prism surfaces from dirt and moisture.

Machine Washing

Reflexite® AU350 Fluorescent Red/Orange Reflective Garment Tape, when washed in accordance with EN471 section 7.4.5.1. (separate performance materials) will withstand a minimum of 75 washings when attached to a variety of background materials. The tape is not dry cleanable.

Reflectivity

Reflexite® AU350 Fluorescent Red/Orange Reflective Garment Tape, complies with the minimum reflectivity requirements of EN471 separate performance class 2, table 5, when tested at $e=0^\circ$ in accordance with the procedures in EN471 section 7.3. The typical coefficient of retroreflection for Reflexite® AU350 Fluorescent Red/Orange Reflective Garment Tape is at 0.2° observation angle and 5.0° entrance angle in 400 is cd/lux/m^2

Packaging

Standard rolls are 50mm (+1mm-0mm) x 50 linear metres.

Standard packaging is 10 rolls (500 metres) per box.

Sewing Instructions

The AU350 series tape has sewing borders, which are, located between two parallel heat seal lines at the edge of the tape. Always sew within this application area.

- We recommend where possible that the cut ends of the tape be doubled over and sewn through to reduce possibility of moisture ingress when being used.
- We recommend 8 stitches per inch.
- It is recommended to use a Teflon foot along with reduced foot pressure in sewing.
- Lubricating the tape with silicon spray also assists in a smooth feed.

RF Welding

As Reflexite® Garment Tapes are manufactured from PVC materials they are eminently suitable for welding to appropriate substrates. Welding should be carried out along the already heat-sealed edge to avoid damaging the microprism elements. Further information on die types etc. should be sought from Reflexite before proceeding.

Home Laundering

- Water temperature recommended to be 65°C or less for wash and rinse cycles.
- Wash on regular machine settings.
- Use normal household detergents.
- Do not use bleach.

Industrial Laundering

- Not recommended for AU350 series tape.

Dry Cleaning

At no time should Reflexite® Garment Tapes be dry cleaned as it will lead to premature failure of the tape.

Drying

- Line dry
- Drip dry
- Dry flat
- Tumble dry

Ironing

If ironing of the garment is necessary either avoid ironing tape or use a press cloth with low setting.

IMPORTANT NOTICE

All ORAFOL 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 ORAFOL 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 users of ORAFOL 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.