

Description

ORALITE® AU300 Reflective Garment Tape is a tough, weather resistant tape designed to be sewn or H.F. welded on to high visibility garments. The product also exceeds the requirements for Class R contained in AS/NZ 1906.4 High Visibility Materials for Safety Garments.

Product Construction

ORALITE® AU300 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.

Product Approvals

ORALITE® AU300 White and Fluorescent Lime Reflective Garment Tape has been tested and proved to be compliant to all the requirements of AS/NZ 1906.4 Class R, by NATA approved Testing Authority. (AWTA). Test certificates are available upon request.

Colour

ORALITE® AU300 Reflective Garment Tape is available in White and Fluorescent Lime.

Retroreflectivity

ORALITE® AU300 White and Fluorescent Lime Reflective Garment Tape, will as a minimum comply with all the retroreflective requirements stated in AS/NZ 1906.4 for Class R materials.

The typical coefficients of retroreflection for ORALITE® AU300 White or Fluorescent Lime Reflective Garment Tape at 0.2° observation angle and 5.0° entrance angle are 700 cd/lux/m².

Machine Washing

ORALITE® AU300 White and Fluorescent Lime Reflective Garment Tape is designed to withstand household wash conditions of up to 65° Celsius for wash and rinse cycles. Wash on regular machine settings using normal household detergents. Do not use bleach. The product is not suitable for Industrial Washing processes.

Drying – line dry, drip dry, dry flat or tumble dry. If ironing of the garment is necessary, either avoid ironing tape or use a press cloth with low setting.

Dry Cleaning

The product is not designed to be dry cleaned and will lead to premature failure of the reflective tape.

Application Instructions

The ORALITE® AU300 series tapes have 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. A stitch count of 8 stitches per inch is recommended. 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 ORALITE® 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 ORAFOL® before proceeding.

Packaging

ORALITE® AU300 Garment Tape standard width is 50mm (+1mm-0mm) in a standard roll length of 50 linear metres. Standard packaging is 10 rolls (500 metres) per box.

Shelf Life

The product must 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 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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