

## Description

ORALITE® GP 010 is an economy glass bead garment tape. The tape is ideal for common washable high visibility garments, such as e.g. vests. ORALITE® GP 010 exceeds the minimum reflectivity requirements of EN ISO 20471:2013.

## Product Construction

ORALITE® GP 010 is composed of wide-angle, exposed retroreflective lenses bonded to a 100% nylon sew-able fabric backing.

## Product Approval

EN ISO 20471:2013 Separate Performance.

## Colour

ORALITE® GP 010 is available in silver (daytime appearance) with a white reflected colour.

## Retroreflectivity

ORALITE® GP 010 exceeds the minimum reflectivity requirements of EN ISO 20471:2013, when tested at  $e = 0^\circ$  or  $e = 90^\circ$  in accordance with the procedures in EN ISO 20471:2013. Minimum coefficients of retroreflection are shown in Table 1.

## Machine Washing

ISO 6330:2012, Method 6N – 30 washes at  $60^\circ$  C.

## Dry Cleaning

Do not dry clean.

## Application Instructions

ORALITE® GP 010 has a single layer construction which allows for stitching in any area of the surface. A stitch count of 8 stitches per 2,54 cm is recommended. The stitching should be at least 2 mm from the edge of the garment tape.

## 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  $20^\circ$  C and 50% relative humidity.

**Table 1**  
**Retroreflectivity**

Observation Angle	Entrance Angle ( $\beta_1, \beta_2=0$ )			
	$5^\circ$	$20^\circ$	$30^\circ$	$40^\circ$
$0,20^\circ$ (12')	330	290	180	65
$0,33^\circ$ (20')	250	200	170	60
$1,00^\circ$ (1°)	25	15	12	10
$1,50^\circ$ (1°30')	10	7	5	4

All values have units of  $\text{cd/lux/m}^2$ .

## IMPORTANT NOTE

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