

## Description

ORALITE® GP 025 Segmented (GP 025S) is a lightweight glass bead garment tape designed for heat application onto garments, e.g. professional high visibility rain wear. ORALITE® GP 025S exceeds the minimum reflectivity requirements of EN ISO 20471:2013.

## Product Construction

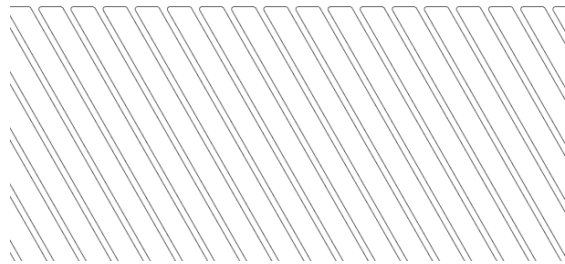
ORALITE® GP 025S is composed of wide-angle, exposed retroreflective lenses bonded to a heat activated polyurethane adhesive. The adhesive is protected by a coloured plastic liner and the reflective side is protected by an application liner.

## Product Approvals

EN ISO 20471:2013 Separate Performance

## Visual Appearance

The product is available in the following design pattern.



## Colour

ORALITE® GP 025S is available in silver (daytime appearance) with a white reflected colour.

## Retroreflectivity

ORALITE® GP 025S 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. Minimum coefficients of retroreflection are shown in Table 1.

## Machine Washing

ISO 6330:2012, Method 6N – 50 washes at 60° C.

## Dry Cleaning

Do not dry clean.

## Sizes

ORALITE® GP 025S is available in 50mm width only.

## Application Instructions

ORALITE® GP 025S has a single layer construction with a heat activated polyurethane adhesive backing. The protective plastic liner must be removed from the adhesive side prior to heat application. Please contact ORAFOL for full application instructions.

## 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.

**Table 1 – Retroreflectivity**

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

All values have units of cd/lux/m<sup>2</sup>.

## IMPORTANT NOTE

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