

Description

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

Product Construction

Reflexite® GP 025 HA is composed of wide-angle, exposed retroreflective lenses bonded to a heat activated polyurethane adhesive. The adhesive is protected by a plastic liner and the reflective side is protected by a paper liner.

Product Approvals

EN ISO 20471:2013 Separate Performance

Colour

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

Retroreflectivity

Reflexite® GP 025 HA 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 6330:2000, Method 2A – 25 washes at 60°C .

Dry Cleaning

Do not dry clean.

Application Instructions

Reflexite® GP 025 HA 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^2 .

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