

## Description

ORALITE® GP 801 is a tough weather and solvent resistant tape designed to be sewn on to high visibility garments. The reflectivity exceeds the highest performance level of EN ISO 20471:2013.

## Product Construction

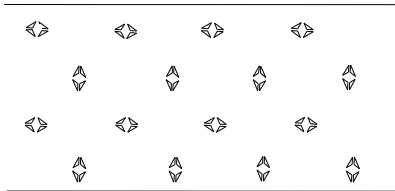
ORALITE® GP 801 is composed of cube corner (microprism) retroreflective elements integrally bonded to a flexible, smooth-surfaced tough and weather resistant UV stabilised polymeric film. The prism surfaces are metallised to provide a mirror surface to the prism facets. The product comes with a fabric backing to facilitate sewing.

## Product Approvals

EN ISO 20471:2013 Separate Performance

Test certificates for garment CE mark acquisition are available upon request

## Film Logo Pattern



## Colour

ORALITE® GP 801 is available in silver. ORALITE® GP 801 tape conforms to the colour requirements in Table 2 when measured in accordance with CIE Publication No. 15.2. The four pairs of coordinates determine the acceptable colour when measured with standard illuminant D65 using a Hunter LabScan.

## Retroreflectivity

ORALITE® GP 801 tapes comply with the minimum reflectivity requirements of EN ISO 20471:2013 separate performance, when tested in accordance with the procedures in EN ISO 20471:2013. *Typical* coefficients of retroreflection for ORALITE® GP 801 are provided in Table 1.

## Care Instructions



## Dry Cleaning

Do not dry clean.

## Machine Washing

ISO 6330:2012; Method 6N - 100 washings at 60° C

## Application Instructions

Please contact ORAFOL for full 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°	1000	700	500	250
0,33°	500	400	300	200
1,00°	35	33	30	20
1,50°	10	10	10	8

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

**Table 2**  
**Colour Specification Limits**

Colour	Chromaticity Coordinates*							
	1		2		3		4	
	x	y	x	y	x	y	x	y
15 Silver	0,303	0,300	0,368	0,366	0,340	0,393	0,274	0,329

\* The four pairs of chromaticity coordinates determine the acceptable chromaticity on the CIE diagram.

**IMPORTANT NOTICE**

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