

## 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

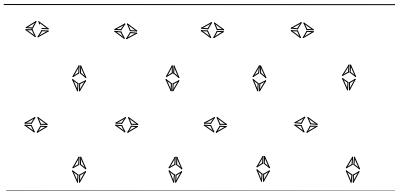
ORALITE® GP 801 is composed of cube corner (microprism) retroreflective elements integrally bonded to a flexible, smooth-surfaced tough and weather resistant UV stabilised polymeric film. The prism surfaces are metallised to provide a mirror surface to the prism facets. The product comes with a fabric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