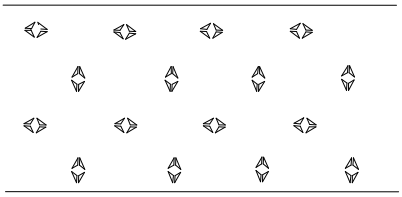
ORALITE® GP 801 Check

Description
ORALITE® GP 801 Check 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.

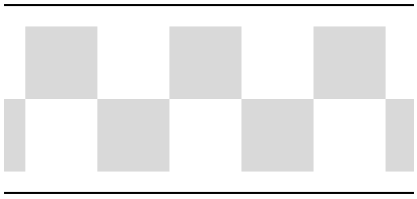
Product Construction
ORALITE® GP 801 Check is composed of cube corner (microprism) retroreflective elements integrally bonded to a flexible, smooth-surfaced tough and weather resistant UV stabilised polymeric film. The prism surfaces are metallised to provide a mirror surface to the prism facets. The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

Product Approvals
EN ISO 20471:2013 Separate Performance
Test certificates for garment CE mark acquisition are available upon request.

Film Logo Pattern



Visual Appearance



Colour
ORALITE® GP 801 Check is available with a silver base colour and check pattern in green, blue, red and black.

Retroreflectivity
ORALITE® GP 801 Check 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 Check when applied to fabric are shown in Table 1.

Care Instructions

Dry Cleaning
Do not dry clean.

Machine Washing
ISO 6330:2012; Method 6N - 100 washings at 60° C – green, blue and red check
ISO 6330:2012; Method 6N – 50 washings at 60° C – black check

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 (β_1, β_2=0)			
	5°	**20°**	**30°**	**40°**
0,20°	550	400	250	150
0,33°	300	250	175	100
1,00°	30	20	20	15
1,50°	10	10	7	7

All values have units of cd/lux/m^2.

IMPORTANT NOTICE
All ORALITE® products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects. Published information concerning ORALITE® products is based upon research which the Company believes to be reliable although such information does not constitute a warranty. Because of the variety of uses of ORALITE® products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. All specifications are subject to change without prior notice.

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