

Description

ORALITE® GP 214 is a tough weather resistant tape designed to be sewn or high frequency welded to clothing. The product is available in 50 mm, 35 mm and 25 mm widths and 5 different colours.

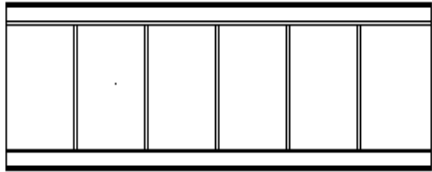
Product Construction

ORALITE® GP 214 is composed of cube corner (microprism) retroreflective elements integrally bonded to a flexible, smooth-surfaced tough and weather resistant UV stabilised polymeric film. The reflective material is welded to a UV stabilised polymeric film to protect the prism surfaces from dirt and moisture.

Product Approvals

Not applicable

Visual Appearance



Colour

ORALITE® GP 214 is available in white, fluorescent lime, fluorescent orange-red, fluorescent green and fluorescent pink. The colours conform to the colour requirements in Table 1, 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

Please contact ORAFOL for information on photometric values.

Care Instructions

ORALITE® GP 214 will withstand a minimum of 25 washings at 40° C when attached to a variety of background materials.



Please contact ORAFOL for full care instructions.

Application Instructions

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.

Note

Dyes may migrate when placed in direct contact with vinyl and some fabrics. Prior to application ORALITE® GP 214 must be kept separate and should be tested for dye migration. It is the responsibility of the user to evaluate the appropriateness of the material for their application.

Table 1
Colour Specification Limits and Reference Standards

Colour	Chromaticity Coordinates*							
	1		2		3		4	
	x	y	x	y	x	y	x	y
15 White	0,303	0,287	0,368	0,353	0,340	0,380	0,274	0,316
20 Fl.lime	0,387	0,610	0,356	0,494	0,398	0,452	0,460	0,540
13 Fl. red-orange	0,494	0,426	0,545	0,454	0,579	0,341	0,655	0,345
21 Fl.green	0,201	0,776	0,284	0,445	0,356	0,494	0,387	0,610
22 Fl.pink	0,655	0,345	0,436	0,335	0,495	0,155	0,731	0,269

*) The four pairs of chromaticity coordinates determine the acceptable chromaticity when measured with standard illuminant C using a Hunter LabScan spectrophotometer. Fluorescent colours shall be measured with standard illuminant D₆₅ using a Hunter LabScan spectrophotometer.

IMPORTANT NOTE

All ORAFOL products are subject to careful quality control throughout the entire manufacturing process, and it is ensured that they are of merchantable quality and free from manufacturing defects. The information published is based on our analyses and studies and does not constitute any warranted properties or any agreement as to quality. Due to the diverse possibilities of use of ORAFOL products and the constant development of new applications, the buyer should carefully consider the suitability and performance of the product for the respective purpose; it bears all risks associated with such use. No warranty is given for purposes other than those listed in the Technical Data Sheet or for applications that are not processed in accordance with ORAFOL's processing instructions.

The durability of the end product depends upon a variety of factors, including but not limited to substrate selection and preparation, compliance with the recommended application guidelines, geographical area, exposure conditions and maintenance of the ORAFOL material and of the end product. Product defects caused by the substrate or improper surface preparation do not lie within ORAFOL's sphere of responsibility.

When using ORAFOL products, the pertinent national regulations are to be observed. ORAFOL recommends that you obtain the current stipulations from your local authority and ensure that the product meets these requirements. Please contact ORAFOL for further information.

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