

Description

ORALITE® V32 SAE Reflectors are designed for rugged outdoor use on the sides and rear of trucks, trailers, utility vehicles and all types of work trucks and mobile industrial equipment.

Product Construction

ORALITE® V32 SAE Reflectors consist of a smooth surface, high gloss, abrasion and weather resistant uv-stabilized microprismatic retroreflective layer. The ORALITE® V32 SAE Reflector consists of monolayer construction that is not more than 0.006" (0.15 mm) thick and comes with an aggressive high-tack pressure sensitive adhesive.

Reflectivity

ORALITE® V32 SAE Reflectors conform to the photometric performance requirements of SAE J594 JUN2018.

Nighttime Color

ORALITE® V32 SAE Reflectors conform to the nighttime color requirements in Table 1 when tested in accordance with SAE J578 APR2020.

Adhesive

The adhesive is protected by a release liner which shall be removed by peeling, without soaking in water or other solvents.

Specular Gloss

ORALITE® V32 SAE Reflectors shall have a specular gloss of not less than 40 when tested in accordance with ASTM D523 at an angle of 85°.

Application Instructions

ORALITE® V32 SAE Reflectors must be applied when the air and surface temperature is 50°F (10°C) or above. The reflectors must be applied to a clean dry surface with the aid of a squeegee. If any air bubbles are trapped, use a pin to puncture the bubble and a squeegee to push the air towards the pin hole.

Table 1, Color Specification Limits (Nighttime)

Color	Chromaticity Coordinates‡							
	1		2		3		4	
	x	y	x	y	x	y	x	y
Yellow (Amber)	0.560	0.440	0.545	0.425	0.597	0.390	0.610	0.390
Red	0.665	0.335	0.645	0.335	0.721	0.259	0.735	0.265

‡The four pairs of chromaticity coordinates determine the acceptable color in terms of the CIE 1931 Standard Colorimetric System measured with Standard Illuminant A.

Warranty

ORALITE® V32 SAE Reflectors have a 7 year warranty. Please contact ORAFOL Americas for details.

Availability

Size	Part Number	Color
2" X 3 ½" (100 per roll)	V32-1249-020034	Red
2" X 3 ½" (500 per roll)	V32-1249-020168	Red
2" X 3 ½" (100 per roll)	V32-1749-020034	Yellow (Amber)
2" X 3 ½" (500 per roll)	V32-1749-020168	Yellow (Amber)
3" Circle (100 per Roll)	V32-1249-030026	Red
3" Circle (100 per Roll)	V32-1749-030026	Yellow (Amber)



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Note:

All ORALITE® products are manufactured within an ISO 9001:2015 controlled manufacturing environment and batch traceability is possible on the basis of the roll number.

IMPORTANT NOTICE

When using ORALITE® sheeting, please comply with relevant national specifications. ORAFOL® recommends obtaining the current requirements from your local authority and ensure product conformance with such requirements. Please contact ORAFOL® for further information.

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.



WARNING – This product may expose you to chemicals which are known in the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to – www.P65Warnings.ca.gov

ORALITE® is a trademark of ORAFOL Europe GmbH



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