

## 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 with the photometric performance requirements of SAE J594 FEB10.

## Nighttime Color

ORALITE® V32 SAE Reflectors conform to the nighttime color requirements in Table 1 when tested in accordance with SAE J578 MAR16.

## 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" Kiss Cut (100 per roll) | V32-1249-020034 | SAE Red    |
| 2" X 3 ½" Kiss Cut (500 per roll) | V32-1249-020168 | SAE Red    |
| 2" X 3 ½" Kiss Cut (100 per roll) | V32-1749-020034 | SAE Orange |
| 2" X 3 ½" Kiss Cut (500 per roll) | V32-1749-020168 | SAE Orange |
| 3" Circle Kiss Cut (100 per Roll) | V32-1249-030026 | Red        |
| 3" Circle Kiss Cut (100 per Roll) | V32-1749-030026 | SAE Orange |



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## 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.

WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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