

Description

ORALITE® Brilliance® Series Helmet Stickers are designed to exceed NFPA 1971, 2013 edition, *Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting* and offer superior reflectivity and durability under today's most demanding firefighting conditions.

Construction

ORALITE® Helmet Stickers are composed of cube corner (microprism) reflective elements integrally bonded to a flexible, glossy, tough, and weather resistant UV stabilized polymeric film. The microprismatic sheeting is RF welded to a thin polymeric backing coated with an aggressive pressure sensitive adhesive. This adhesive is designed for application to helmets and is protected by a coated paper release liner.

Reflectivity

ORALITE® Helmet Stickers have a typical retroreflective performance value of 600 cd/lux/m² when measured in accordance with NFPA 1971, 2013 edition. The patches exceed rainfall and convective heat exposure requirements.

Color

Available in fluorescent yellow green, offering both superior daytime visibility through 100% fluorescence, as well as outstanding nighttime visibility through reflected color similar to that of its daytime appearance.

NFPA 1971, 2013 edition requires a minimum of four square inches of retroreflective and fluorescent trim be visible above the reference plane of the helmet.

Resistance to Chemical Exposure

ORALITE® Helmet Stickers offer resistance to a variety of chemicals potentially encountered in firefighting situations, and are able to withstand a 10 minute immersion in 5% HCl, heptane, MeOH, NaOH, gasoline, kerosene, and mineral oil without evidence of blistering or dissolving.

Cleaning

ORALITE® Helmet Stickers feature a glossy top surface which is inherently resistant to soiling and allows for easy cleaning. Dirt, soot and smoke stains may be readily cleaned using non-abrasive soap and water, thus restoring significant reflectivity and fluorescence to the product. The microprism reflective elements are behind the top surface and will not be affected by cleaning, abrasion or wet conditions.

Wet Performance

When tested according to the NFPA 1971-2013 edition, ORALITE® Helmet Stickers will typically retain 70% of dry photometric performance.

Item Number

Item number 17682; 25 shapes per sheet; 50 sheets per box
Trapezoid: Size: short side: 1", long side: 2.25", height: 1.7

Item number 17685; 20 shapes per sheet; 50 sheets per box
Trapezoid: Size: short side: 1", base: 2", height: 2.1"

Item number 17725; 16 shapes per sheet; 50 sheets per box
Rectangle: Size: 1" x 4"

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.

ORALITE® is a registered trademark of ORAFOL Europe GmbH.



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