

Description

6-mil, multi-layered, glow in the dark, cadmium-free special PVC film with an off-white, gloss surface.

Release Liner

90# PE-coated silicone paper

Adhesive

Solvent-polyacrylate, permanent adhesive

Area of Use

Great for indoor safety and emergency exit signage in buildings, cruise ships, and airplanes.

Technical Data

Thickness (without liner and adhesive)	6-mil
Dimensional Stability (FINAT TM-14)	Adhered to steel, no shrinkage in cross direction; In length, <.01"
Temperature Resistant	Adhered to aluminum, -40°F to +212°F, no variation
Fire Behavior (DIN 75200)	Adhered to steel, self-extinguishing
Fire Rating	ASTM E 84-07 Class "A"
Adhesive Power (FINAT TM-1, after 24 h, average)	Adhered to stainless steel: 4.1 lb/in
Tensile Strength (DIN EN ISO 527)	Along: Min. 12 MPa Across: Min. 10 MPa
Elongation at Break (DIN EN ISO 527)	Along: Min. 100% Across: Min. 100%
Resistant to Solvents and Chemicals	At room temperature, 72h after adhesion to aluminum, short term resistance to most oils and greases, fuels, aliphatic solvents, weak acids, salts and alkalis
Shelf Life (68°F/50% relative humidity)	2 years
Minimum Life Expectancy (based on accepted application procedures on vertical surfaces)	5 years
Minimum Application Temperature	46°F
Available Lengths Available Widths	82' (27.33 yards) 40", 48"
Recommended Application Tapes	ORATAPE [®] HT55, MT95, MT72, MT80P
Luminous Density* (DIN67510: 2008-02)	After 10 min: 23.0 mcd/m ² After 60 min: 3.0 mcd/m ²
Decay Time (Intended for indoor use. Charged by fluorescent lighting only.)	340 Minutes
Print Compatibility	Screen Printing

Note

Surfaces to which the material will be applied must be thoroughly cleaned from dust, grease or any contamination which could affect the adhesion of the material. Freshly lacquered or painted surfaces should be completely cured. The compatibility of selected lacquers and paints should be tested by the user, prior to application of the material. Films with structured surface are naturally more sensitive than the unstructured. Accordingly, these films are to be treated carefully both in processing and in cleaning. Impurities affect the appearance of structured films and require more frequent cleaning. Furthermore the application information published by ORAFOL is to be considered. The batch traceability according to ISO 9001 is possible on the basis of the roll number.



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IMPORTANT NOTICE

All ORALUX[®] 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 ORALUX[®] 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 ORALUX[®] 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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