

Description

Three-layered, light yellow, cadmium-free, high performance PVC film with a gloss surface. Once the active light source is turned off, the film has a very strong and long lasting afterglow. Phosphorescent properties of the film will not be impaired by repeated use. Does not contain radioactive materials.

Release Liner

89# PE-coated silicone paper

Adhesive

Clear, solvent polyacrylate, permanent

Area of Use

For indoor and outdoor marking of emergency exits and dangerous locations. For exterior use, it is recommended that the film be combined with the laminating film ORAGUARD® 293.

Technical Data

Thickness* (without liner and adhesive)	6-mil
Luminous Density*	After 10 min: 35 mcd/m ² After 60 min: 5 mcd/m ²
Decay Time	750 min (0.3 mcd/m ²)
Dimensional Stability (FINAT TM-14)	Adhered to steel, shrinkage 0.008" max
Temperature Resistance	Adhered to aluminum, -40°F to +212°F, no variation
Adhesive Power* (FINAT TM-1, after 24 h, average)	Adhered to stainless steel: 4.11 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%
Shelf Life** (68°F/50% relative humidity)	2 years
Minimum Life Expectancy*** (based on accepted application procedures on vertical surfaces)	5 years (unprinted)
Minimum Application Temperature	> 46°F
Available Lengths Available Widths	10 meters, 25 meters 54"
Recommended Laminates	ORAGUARD® 293
Print Compatibility	Latex, Solvent, Eco-Solvent, UV Curable

For best results, utilize ORAFOL ICC profiles available at www.orafolamericas.com and allow solvent-based inks to dry for at least 24 hours (48-72 hours preferred) at 70°F before cutting the graphic to the ink or applying a laminate.

*average

** in original packaging, at 68°F and 50% relative humidity

*** standard central European climate

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.



ORAFOL Americas – GA
1100 Oracal Parkway
Black Creek, GA 31308
Phone: 888.672.2251

ORAFOL Americas – CT
120 Darling Drive
Avon, CT 06001
Phone: 800.654.7570

ORAFOL Canada
2831 Bristol Circle
Oakville, Ontario L6H 6X5
Phone: 888.727.3374

techsupport-americas@orafol.com – www.orafol.com

IMPORTANT NOTICE

All ORAJET® 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 ORAJET® 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 ORAJET® 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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