

# ORAGUARD<sup>®</sup> 250As

## SKID-RESISTANT PVC LAMINATING FILM

Technical Datasheet  
07/14  
Page 1 of 1

### Description

4.75-mil, matte transparent PVC film with a raised, skid-resistant, textured surface

### Release Liner

55# silicone-coated paper

### Adhesive

Clear, solvent-based, permanent adhesive

### Area of Use

A cold laminate for anti-skid protection of floor graphics. Meets the standards of ASTM D 2047 and BAM StVo §35 d3, (Federal Office for Material Testing: Automobile Safety Act).

### Technical Data

<b>Thickness</b> (without liner and adhesive)	4.75-mil
<b>Temperature Resistance</b>	Adhered to aluminum, -40°F to +176°F, no variation
<b>Fire Behavior</b> (DIN 75200)	Adhered to steel, self-extinguishing
<b>Fire Rating</b>	ASTM E 84-07 Class "A"
<b>Adhesive Power</b> (FINAT TM-1, after 24 h, average)	Adhered to stainless steel: 2.74 lb/in
<b>Tensile Strength</b> (DIN EN ISO 527)	Along: Min. 19 MPa Across: Min. 19 MPa
<b>Elongation at Break</b> (DIN EN ISO 527)	Along: Min. 130% Across: Min. 150%
<b>Seawaterability</b> (DIN EN ISO 527)	Adhered to aluminum, after 100h/73°F, no variation
<b>Shelf Life</b> (68°F/50% relative humidity)	2 years
<b>Minimum Life Expectancy</b> (based on accepted application procedures on vertical surfaces)	3 months
<b>Minimum Application Temperature</b>	46°F
<b>Available Lengths</b>	150' (50-yard)
<b>Available Widths</b>	36", 40", 50", 54"
<b>Recommended to be used in combination with</b>	ORAJET <sup>®</sup> 1663
<b>System Skid Resistance</b> (Federal Office for Material Testing: Automobile Safety Act)	Skid Distance Dry: <35" Skid Distance Wet: <55"

For best results, utilize ORAFOL ICC profiles available at [www.orafolamericas.com](http://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.

### 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.

### IMPORTANT NOTICE

All ORAGUARD<sup>®</sup> 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 ORAGUARD<sup>®</sup> 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 ORAGUARD<sup>®</sup> 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.



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.orafolamericas.com](http://www.orafolamericas.com)