

ORAGUARD® 255As

SKID-RESISTANT PVC LAMINATING FILM

FOR HIGH LOAD EXPOSURE

Technical Datasheet
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Description

6.5-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 exposed to very high loads. Meets the standards of ASTM D 2047 and BAM StVo §35 d3, (Federal Office for Material Testing: Automobile Safety Act).

Technical Data

Thickness (without liner and adhesive)	6.5-mil	
Temperature Resistance	Adhered to aluminum, -40°F to +176°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: 2.74 lb/in	
Tensile Strength (DIN EN ISO 527)	Along: Min. 22 MPa Across: Min. 22 MPa	
Elongation at Break (DIN EN ISO 527)	Along: Min. 130% Across: Min. 150%	
Shelf Life (68°F/50% relative humidity)	2 years	
Minimum Life Expectancy (under horizontal exposure)	Without foot traffic: (Indoors: 5 years) (Outdoors: 2 years) With foot traffic: <1 year (depending on amount of foot traffic)	
Minimum Application Temperature	46°F	
Available Lengths	150' (50-yard)	
Available Widths	36", 50", 54"	
Recommended to be used in combination with	ORAJET® 1663, 3641, 3621, 3165, 3165RA, 3169RA, 3651, 3651RA, 3105HT	
System Skid Resistance (Federal Office for Material Testing: Automobile Safety Act) (DIN 51130)	Skid Distance Dry: <35" R 10	Skid Distance Wet: <55"

For best results, utilize ORAFOL ICC profiles available at www.orafo.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® 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® 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® 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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