

ORAJET® 3105HT HIGH-TACK CALENDERED PVC DIGITAL MEDIA

Technical Datasheet
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Description

4-mil, high-performance PVC film, which ensure excellent weather resistance and durability. Available in white with a gloss surface.

Certifications

UL certified for UL 969 "Marking and Labeling Systems" (USA) and CSA C22.2 No. 0.15 "Adhesive Labels" (Canada).

Release Liner

90# PE-coated silicone paper

Adhesive

Grey, solvent-based, permanent with high initial tack and final adhesion

Area of Use

For long-term graphic applications, markings and decorations with the highest degree of outdoor brilliance and durability. Especially designed for hard-to-stick, low-energy plastics (like polyethylene and polypropylene) with a smooth or slightly textured flat surface such as kayaks, ATV's, coolers and porta-johns.

Technical Data

Thickness (without liner and adhesive)	4-mil	
Dimensional Stability (FINAT TM-14)	Adhered to steel, no shrinkage in cross direction; In length, <.016"	
Temperature Resistance	Adhered to aluminum, -58°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: 6.39 lb/in	
Tensile Strength (DIN EN ISO 527)	Along: Min. 19 MPa Across: Min. 19 MPa	
Elongation at Break (DIN EN ISO 527)	Along: Min. 130% Across: Min. 150%	
Seawaterability (DIN 50 021)	Adhered to aluminum, after 100h/73°F, no variation	
Shelf Life (68°F/50% relative humidity)	1 year	
Minimum Life Expectancy (based on accepted application procedures on vertical surfaces)	5 years (unprinted)	
Minimum Application Temperature	32°F	
Available Lengths	150' (50-yard)	30' (10-yard)
Available Widths	30", 54", 60"	30",54"
Recommended Laminates	ORAGUARD® Series 215, 270, 280, 290, 290GF, 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.



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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 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 may expose you to chemicals which are known in the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to – P65Warnings.ca.gov

*As requested by Prime Source Graphics, ORAFOL Americas, Inc. has completed adhesive testing for the following products applied to low surface energy substrates, i.e. Polypropylene & Powder-Coated Aluminum. This test data was prepared for Prime Source Graphics and is considered confidential and should not be distributed or published.



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