

# ORAJET® 3105HT HIGH-TACK CALENDERED PVC DIGITAL MEDIA

Technical Datasheet  
07/14  
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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. 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

<b>Thickness</b> (without liner and adhesive)	4-mil
<b>Dimensional Stability</b> (FINAT TM-14)	Adhered to steel, no shrinkage in cross direction; In length, <.016"
<b>Temperature Resistance</b>	Adhered to aluminum, -58°F to +212°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: 6.39 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 50 021)	Adhered to aluminum, after 100h/73°F, no variation
<b>Shelf Life</b> (68°F/50% relative humidity)	1 year
<b>Minimum Life Expectancy</b> (based on accepted application procedures on vertical surfaces)	5 years (unprinted)
<b>Minimum Application Temperature</b>	32°F
<b>Available Lengths</b>	150' (50-yard)                      30' (10-yard)
<b>Available Widths</b>	30", 54", 60"                      30", 54"
<b>Recommended Laminates</b>	ORAGUARD® Series 215, 270, 280, 290, 290GF, 293
<b>Print Compatibility</b>	Latex, Solvent, Eco-Solvent, UV Curable

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.



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### **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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