

ORAJET® 3651RA INTERMEDIATE CALENDERED PVC DIGITAL MEDIA WITH *RAPIDAIR*® TECHNOLOGY

Technical Datasheet
08/24
Page 1 of 3

Description

Intermediate (Medium-Term) Permanent Calendered Digital Print Media with RapidAir® Adhesive Technology

A versatile digital print media designed for a multitude of indoor and outdoor vibrant full-color graphics applications. ORAJET® 3651RA utilizes a thin 2.75-mil blended-PVC construction with a dependable solvent-based air-egress adhesive system. ORAFOL® *RapidAir*® air-egress adhesive technology facilitates faster, bubble-free graphic applications. Apply additional UV and graphic abrasion protection with ORAGUARD® 210 or 215 over-laminate. Compatible with today's most popular ink systems: solvent, eco-solvent, latex, and UV curable - users can experience the ORAJET® printability advantage with consistent, high-quality digital print production! ORAJET® 3651RA is included in the ORAFOL® [\(OCS\) ORALIFE™ Component System Warranty!](#)

Release Liner

88# PE-coated silicone paper featuring advanced air release technology to facilitate quicker, easier application

Adhesive

Grey, Solvent-Based Permanent with *RapidAir*®

Applications

- Flat, short – to medium-term applications
- Bubble-Free, Easy to install!
 - medium-term outdoor general signage
 - vehicle decals (*pair with ORAGUARD® 215*)
 - long-term indoor general signage
 - window graphics
 - permanent wall graphics and murals
 - floor graphics (*pair with ORAGUARD 250AS*)
 - stickers & decals
- Not designed for vehicle or trailer wrapping

Recommended Laminates

- ORAGUARD® 210
- ORAGUARD® 215
- ORAGUARD® 215DU
- ORAGUARD® 250AS (anti-skid, textured floor laminate)
- ORAGUARD® 255AS (anti-skid, textured floor laminate)

Printability/Ink Compatibility

Latex, Solvent, Eco-Solvent, UV Curable and Screen Printing. [Click Here](#) to view ORAFOL ICC Profiles.

Splice Free Guarantee

Our Splice Free Guarantee assures you that every roll of ORAJET® digital print media is free from splices. If you identify a verifiable splice, we will promptly replace the roll at no cost and provide you with \$500 as a token of our commitment to your satisfaction and uninterrupted printing experience.



ORAFOL Americas – GA
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ORAFOL Americas – CT
120 Darling Drive
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Page 2 of 3

Technical Data

Thickness (without liner and adhesive)	2.75-mil
Dimensional Stability (FINAT TM-14)	Adhered to steel, no shrinkage in cross direction; In length, <.016"
Temperature Resistance	Adhered to aluminum, -40°F to +176°F, no variation
Fire Behavior (DIN 75200) Fire Rating	Adhered to steel, self-extinguishing ASTM E 84-07 Class "A"
Adhesive Power (FINAT TM-1, after 24 h, average)	Adhered to stainless steel: 3.65 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)	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	150' (50-yard) 50", 54", 60"
Recommended Laminates	ORAGUARD® Series 210, 215, 250AS
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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Page 3 of 3

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 contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.



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