

# **ORAJET® 3165RA**

## **CALENDERED PVC DIGITAL MEDIA**

### **WITH RAPIDAIR® TECHNOLOGY**

Technical Datasheet  
03/24  
Page 1 of 3

#### **Description**

A versatile digital print media designed for a multitude of indoor and outdoor vibrant full-color graphics applications. ORAJET® 3165RA utilizes a thicker 4-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 ORAJET® printability advantages with consistent, high-quality digital print production! ORAJET® 3165RA 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*®

#### **Durability**

- 5 years (unprinted)
  - Up to 4 years (when paired with ORAGUARD® 210)
  - Up to 5 years (when paired with ORAGUARD® 215)

#### **Applications**

- Flat, short – to medium-term applications
- Bubble-Free, Easy to install!
  - medium-term outdoor general signage
  - window graphics
  - long-term indoor general signage
  - 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 (for UV-Curable Inks)
- ORAGUARD® 250AS (anti-skid, textured floor laminate)
- ORAGUARD® 255AS

#### **Printability/Ink Compatibility**

Latex, Solvent, Eco-Solvent, UV Curable, UV-Gel, 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  
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

# **ORAJET® 3165RA**

## **CALENDERED PVC DIGITAL MEDIA**

### **WITH RAPIDAIR® TECHNOLOGY**

Technical Datasheet

03/24

Page 2 of 3

#### **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, -40°F to +176°F, no variation
<b>Fire Behavior</b> (DIN 75200) <b>Fire Rating</b>	Adhered to steel, self-extinguishing Meets ASTM E 84-07 Class "A"
<b>Adhesive Power</b> (FINAT TM-1, after 24 h, average)	Adhered to stainless steel: 3.65 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)	2 years
<b>Minimum Life Expectancy</b> (based on accepted application procedures on vertical surfaces)	4 years (unprinted)
<b>Minimum Application Temperature</b>	50°F
<b>Available Lengths</b> <b>Available Widths</b>	150' (50-yard) 30", 54", 60"
<b>Recommended Laminates</b>	ORAGUARD® Series 210, 215, 215DU, 250AS, 255AS
<b>Print Compatibility</b>	Latex, Solvent, Eco-Solvent, UV Curable, UV-Gel

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.



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

# **ORAJET® 3165RA**

## **CALENDERED PVC DIGITAL MEDIA**

### **WITH RAPIDAIR® TECHNOLOGY**

Technical Datasheet

03/24

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.



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