

# **ORAJET® 3164xRA**

## **SOFT CALENDERED PVC DIGITAL MEDIA**

### **WITH RAPIDAIR® TECHNOLOGY**

Technical Datasheet

06/26

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#### **Description**

4-mil, soft calendered PVC film in white with a gloss or matte surface and *RapidAir®* Technology

#### **Release Liner**

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

#### **Adhesive**

Grey, polyacrylate, permanent

#### **Film Construction**

Soft calendered PVC film

#### **Colors + Finish**

Available in white with a gloss or matte surface.

#### **Durability**

4 years (unprinted)

#### **Applications**

For economical general signage, short- to medium-term flat indoor and outdoor applications including decals, nameplates, die cut letters and POP displays. NOT for vehicle graphics or wraps.

#### **Recommended Laminates**

- ORAGUARD® 200 (2.5 mil soft PVC)
- ORAGUARD® 210 (2.5 mil calendered PVC Clear Over-Laminate)
- ORAGUARD® XP236 (highly transparent, 2.5 mil PVC-free, polypropylene)

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

Latex, Solvent, Eco-Solvent, and UV Curable. [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 graphic production experience.



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#### **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;<br>In length, <.016" |
| <b>Temperature Resistance</b>                                                                                                          | Adhered to aluminum, -40°F to +176°F, no variation                      |
| <b>Fire Behavior</b> (DIN 75200)<br><b>Fire Rating</b>                                                                                 | Adhered to steel, self-extinguishing<br>ASTM E 84-07 Class "A"          |
| <b>Adhesive Power</b> (FINAT TM-1, after 24 h, average)                                                                                | Adhered to stainless steel: 3.2 lb/in                                   |
| <b>Tensile Strength</b> (DIN EN ISO 527)                                                                                               | Along: Min. 19 MPa<br>Across: Min. 19 MPa                               |
| <b>Elongation at Break</b> (DIN EN ISO 527)                                                                                            | Along: Min. 130%<br>Across: Min. 150%                                   |
| <b>Seawaterability</b> (DIN 50 021)                                                                                                    | Adhered to aluminum, after 48h/73°F, no variation                       |
| <b>Shelf Life</b> (68°F/50% relative humidity)                                                                                         | 2 years                                                                 |
| <b>Minimum Life Expectancy</b><br>(based on accepted application procedures on vertical<br>surfaces, normal climate of Central Europe) | 4 years (unprinted)                                                     |
| <b>Minimum Application Temperature</b>                                                                                                 | 50°F                                                                    |
| <b>Available Lengths</b><br><b>Available Widths</b>                                                                                    | 150' (50-yard)<br>30", 50", 54", 60"                                    |
| <b>Recommended Laminates</b>                                                                                                           | ORAGUARD® Series 200, 210                                               |
| <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 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](http://P65Warnings.ca.gov)



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