

# ORAJET® 3720 & 3740

## Economical, Short-term PVC-Free Polypropylene (PP) Digital Print Media

Technical Datasheet

06/24

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### Description

ORAFOL is responding to the increasing global demand for PVC-free solutions for the signage and graphics industry. These PVC-Free Polypropylene (PP) digital print medias, are a perfect solution for temporary advertising and general signage and graphic applications. Produce vivid-looking graphics on your preferred UV-curable and UV-Gel printing platforms. For short-term use, the application can be done without a laminating film which means material savings and thus a more sustainable solution! If additional UV or graphic abrasion resistance is required, combine with PVC-Free ORAGAURD 236 over-laminate. Plus, it's backed by the ORAFOL® [\(OCS\) ORALIFE™ Component System Warranty](#), offering peace of mind and reliability!

3-mil, economical PVC-free, polypropylene (BOPP) digital printing film available in white with a print receptive top coating for better printability.

### Series

3720

3740

### Face Film (Color/Finish)

White / Matte

White / Matte

### Adhesive

Removable

Permanent

### Release Liner

83# PE-coated silicone paper

### Adhesive

Clear, water-based

### Durability:

- Up to 2 years (Unprinted/Printed with no over-laminate)
- Up to 3 years when paired with ORAGAURD 236 (*Vertical exposure / Climate Zone 1*)

### Applications:

- A PVC-Free solution for temporary promotional retail or special event graphics
- Flat, PVC-Free short-term applications
  - short-term outdoor general signage
  - architectural window graphics
  - indoor general signage
  - wall graphics and murals
  - stickers & decals

### Recommended Over-Laminate:

- ORAGAURD® 236 (Optional)

### Printability/Ink Compatibility

UV-Curable and UV-Gel. [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.



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#### Technical Data

<b>Thickness</b> (without liner and adhesive)	3-mil
<b>Dimensional Stability</b> (FINAT TM-14)	Adhered to steel, no shrinkage in cross direction; In length, <.0059"
<b>Temperature Resistance</b>	Adhered to aluminum, -40°F to +176°F, no variation
<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. 120 MPa Across: Min. 120 MPa
<b>Elongation at Break</b> (DIN EN ISO 527)	Along: Min. 80% Across: Min. 80%
<b>Shelf Life</b> (68°F/50% relative humidity)	2 years
<b>Minimum Life Expectancy</b> (based on accepted application procedures on vertical surfaces)	2 years (unprinted)
<b>Minimum Application Temperature</b>	50°F
<b>Available Lengths</b>	150' (50-yard)
<b>Available Widths</b>	54"
<b>Recommended Laminates</b>	ORAGUARD® Series 236 (Optional)
<b>Print Compatibility</b>	UV-Curable and 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.



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



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