

# ORAJET® 3951 PREMIUM WRAPPING CAST FILM WITH REPOSITIONABLE ADHESIVE

Technical Datasheet  
06/2024  
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## Discover ORAJET® 3951: The Ultimate Solution for Long-Term Printed Signage and Graphics

### Description

Engineered for durability and performance, ORAJET® 3951 is the ultimate solution for complex vehicle wraps, outdoor signage, and boat wraps. With a thickness of 2-mil and a lifespan of up to 10 years for unprinted white and 8 years for unprinted transparent applications, this product ensures long-lasting results even in harsh outdoor conditions.

Featuring a premium 88# PE-coated silicone paper release liner and a solvent-based adhesive that is repositionable and removable with heat, ORAJET® 3951 offers unmatched versatility and ease of use. Available in white and transparent options with a glossy finish, ORAJET® 3951 caters to a wide range of design needs.

Choose from a variety of widths and lengths. Compatible with latex, solvent, eco-solvent, UV curable, and UV gel printers, this product provides flexibility for different printing technologies.

For over two decades, ORAJET® 3951 has been the go-to for signage and graphics professionals, delivering reliability and unrivaled performance. Paired with ORAGUARD® 290, it ensures long-lasting results that exceed expectations. Trust ORAJET® 3951 for your next project and experience the difference in quality and durability.

### Key Features

- **Exceptional Quality and Construction:** Built to withstand the harshest conditions, our 2-mil PVC Cast film boasts an impressive unprinted 10-year lifespan, ensuring longevity and performance.
- **Climate Zone Durability:** When printing with OEM latex, resin, solvent, eco-solvent, or conformable UV Curable or UV-Gel inks and laminated with Premium ORAGUARD® 290, 290GF, or 293, expect outstanding durability for up to:
  - 7 years *Climate Zone 1*
  - 5 years *Climate Zone 2*
  - 3 years *Climate Zone 3*
- **Long-Term Removability:** Cleanly removes from most sealed, smooth substrates with the assistance of heat for up to 4 years. Beyond 4 years, removal properties begin to slowly diminish, and becomes more permanently bonded to the substrate.
- **Print Compatibility:** Compatible with latex, resin, solvent, eco-solvent, and flexible UV curable and UV Gel printers, ensures seamless printing for vibrant, high-resolution graphics that make your designs pop.
- **Enhanced Graphic Protection:** Pair with ORAGUARD® 290, 290GF, or 293 for added protection against the elements, extending the lifespan of your graphics and maintaining their pristine appearance.

Elevate your branding wide range of design needs with commercial graphics using ORAJET® 3951, the ultimate choice for superior durability, performance, and ease of installation. Explore endless possibilities and unleash your creativity today.

Do you need an air-egress version for bubble-free wrap applications? Choose ORAJET® 3951RA or ORAJET® 3951RA + ProSlide® to save time and experience long-lasting results! Do you need a High-Tack version for challenging hard-to-stick substrates like low-surface energy plastics or industrial powder coatings? Choose ORAJET® 3951HT for these applications. Plus, it's backed by the ORAFOL® ([OCS](#)) [ORALIFE™ Component System Warranty](#), offering peace of mind and reliability! Show now! [Locate an Authorized ORAFOL Distributor.](#)



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### Release Liner

88# PE-coated silicone paper

### Film Construction

Premium Cast PVC Film

### Colors + Adhesive Type

- 010, gloss white + grey solvent-based adhesive
- 000, gloss transparent clear + clear, solvent-based adhesive

### Durability

- **White:** 10 years (*unprinted*) *Climate Zone 1*
- **Transparent:** 8 years (*unprinted*) *Climate Zone 1*

### Applications

- Flat or moderate to complex curves
  - Long-term vehicle graphic applications
  - Long-term outdoor signage and graphic solutions
  - OEM grade boat graphic applications
  - OEM grade motorcycle graphic applications

### Recommended Laminates

- ORAGUARD® 290 (2 mil Cast PVC)
- ORAGUARD® 290GF (Optically Clear, 2 mil Cast PVC)
- ORAGUARD® 293 (1 mil Cast PVC)
- ORAGUARD® 279 (2 mil Cast PU – Extreme Durability)

### Printability/Ink Compatibility

Latex, Solvent, Eco-Solvent, UV Curable, UV-Gel, and Resin. [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)	2-mil
<b>Dimensional Stability</b> (FINAT TM-14)	Adhered to steel, no shrinkage in cross direction; In length, <.004"
<b>Temperature Resistance</b>	Adhered to aluminum, -58°F to +212°F, no variation
<b>Fire Behavior</b> (DIN 75200) <b>Fire Rating</b>	Adhered to steel, self-extinguishing ASTM E 84-07 Class "A"
<b>Adhesive Power</b> (FINAT TM-1, after 24 h, average)	Adhered to stainless steel: 4.1 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. 120% Across: Min. 120%
<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)	<b>White (010)</b> 10 years (unprinted) <b>Transparent (000)</b> 8 years (unprinted)
<b>Minimum Application Temperature</b>	46°F
<b>Available Lengths</b>	150' (50-yard) *30' (10-yard) (*30' x 54" white - 010)
<b>Available Widths</b> (in inches)	15 (punched), 30, 36, 50, 54, 60 (white - 010) 15 (punched), 30, 36, 50, 54, 60 (transparent - 000)
<b>Recommended Laminates</b>	ORAGUARD® Series 290, 290GF, 293, 279
<b>Print Compatibility</b>	Latex, Solvent, Eco-Solvent, UV Curable, UV-Gel, and Resin

For best results, utilize ORAFOL ICC profiles available at [www.orafol.com](http://www.orafol.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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