

Discover ORAJET® 3951: The Ultimate High-Tack Digital Print Solution for Long-Term Printed Signage and Graphics

Description

ORAJET® 3951HT is the pinnacle of premium cast PVC digital printing film engineered for excellence in long-term graphic applications. The high-tack permanent adhesive is crafted for challenging surfaces like low-energy plastics (polyethylene and polypropylene) with a smooth or slightly textured finish, this film is your ultimate solution for durability and performance.

Key Features

- **Premium Quality:** Crafted from top-grade materials to ensure longevity and reliability.
- **High-Tack Adhesive:** Offers superior high-initial tack and final adhesion, ensuring your graphics stay firmly in place on challenging substrates.
- **Versatile Print Compatibility:** Compatible with a range of printing technologies including Latex, Solvent, Eco-Solvent, UV Curable, and UV Gel providing flexibility in your printing processes.
- **Exceptional Durability:** With a lifespan of 7 years when paired with ORAGUARD® 290, you can trust ORAJET 3951HT for long-lasting results.
- **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.

Unlock Your Creativity: Elevate your designs with ORAJET 3951HT and unleash your creativity without limitations.

Whether you're creating signage, decals, or industrial graphics, trust ORAJET 3951HT to deliver outstanding results that stand the test of time. Plus, it's backed by the ORAFOL® ([OCS](#)) [ORALIFE™ Component System Warranty](#), offering peace of mind and reliability! Do you need something a bit shorter-term and more cost-effective? Consider our Medium-Term ORAJET 3105HT (5 yr.) or Short-Term ORAJET 3164HT (4 yr.) options. Show now! [Locate an Authorized ORAFOL Distributor.](#)

Release Liner

90# PE-coated silicone paper

Film Construction

Premium Cast PVC Film

Colors + Adhesive Type

010, gloss white + grey solvent-based permanent adhesive with high-initial tack and final adhesion

Durability

7 years (*unprinted*)

- **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*



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ORAFOL Canada
2831 Bristol Circle
Oakville, Ontario L6H
6X5
Phone: 888.727.3374

Applications

- Perfect for long-term graphic applications on hard-to-stick surfaces.
- Ideal for use on low-energy plastics such as polyethylene and polypropylene such as plastic coolers, porta johns, ATV, and UTV Side by Sides, as well as industrial powder-coated construction equipment.
- Suited for industrial graphic applications on powder-coated surfaces.

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

| | |
|--|---|
| Thickness (without liner and adhesive) | 2-mil |
| Dimensional Stability (FINAT TM-14) | Adhered to steel, no shrinkage in cross direction; In length, <.008" |
| Temperature Resistance | Adhered to aluminum, -58°F to +212°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: 6.4 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. 120% Across: Min. 120% |
| 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) | 7 years (unprinted) |
| Minimum Application Temperature | 39°F |
| Available Lengths | 150' (50-yard), 75' (25-yard) 54", 30" (limited) |
| Available Widths (in inches) | |
| Recommended Laminates | ORAGUARD® Series 290, 290GF, 293, 279 |
| Print Compatibility | Latex, Solvent, Eco-Solvent, UV Curable, and UV-Gel |

For best results, utilize ORAFOL ICC profiles available at 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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