

ORAJET® 3640

ECONOMICAL (SHORT-TERM) PERMANENT, CALENDERED DIGITAL PRINT MEDIA

Technical Datasheet
08/24
Page 1 of 3

Description

Discover a budget-friendly digital print solution perfect for a variety of vivid full-color graphic applications, both indoors and outdoors. Crafted with a 3 mil economical-PVC construction and a clear water-based adhesive, ORAJET® 3640 is tailored for shorter-term projects. Elevate durability with UV and graphic abrasion protection using ORAGUARD® 200, 210, or 236 over-laminate. Compatible with leading ink systems including solvent, eco-solvent, latex, and UV curable, ORAJET® 3640 ensures consistent, top-quality print production. Plus, it's backed by the ORAFOL® [\(OCS\) ORALIFE™ Component System Warranty](#), offering peace of mind and reliability!

Release Liner

83# silicone-coated paper

Adhesive

Clear, water-based, permanent

Durability

- 4 years (unprinted) *Climate Zone 1*
 - Up to 4 years (when paired with ORAGUARD® 210)
 - Up to 3 years (when paired with ORAGUARD® 236)
 - Up to 2 years (when paired with ORAGUARD® 200)

Applications

- Flat, short-term applications
 - short-term outdoor general signage
 - short-term promotional window graphics
 - long-term indoor general signage
 - permanent wall graphics and murals
 - floor graphics (pair with ORAGUARD® 250AS)
 - promotional stickers & decals
- Not designed for vehicle or trailer wrapping

Recommended Laminates

- ORAGUARD® 200
- ORAGUARD® 210
- ORAGUARD® 236
- ORAGUARD® 250AS (anti-skid floor graphics)

Printability/Ink Compatibility

Latex, Solvent, Eco-Solvent, Resin, 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.



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
techsupport-americas@orafol.com – www.orafol.com

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

ORAJET® 3640

ECONOMICAL (SHORT-TERM) PERMANENT, CALENDERED DIGITAL PRINT MEDIA

Technical Datasheet

08/24

Page 2 of 3

Technical Data

Thickness (without liner and adhesive)	3-mil
Dimensional Stability (FINAT TM-14)	Adhered to steel, no shrinkage in cross direction; In length, <.016"
Temperature Resistance	Adhered to aluminum, -40°F to +176°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: 3.7 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. 130% Across: Min. 150%
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)	4 years (unprinted)
Minimum Application Temperature	50°F
Available Lengths	30' (10-yard)*, 150' (50-yard), 300' (100-yard)**, 750' (250-yard)*** *20" rolls only **54" and 60" rolls only *** 54" and 60" rolls only
Available Widths	20", 30", 50", 54", 60"
Recommended Laminates	ORAGUARD® Series 200, 210, 236, 250AS
Print Compatibility	Latex, Solvent, Eco-Solvent, UV Curable, UV-Gel

For best results, utilize ORAFOL ICC profiles available at 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

techsupport-americas@orafol.com – www.orafol.com

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

ORAJET® 3640

ECONOMICAL (SHORT-TERM) PERMANENT, CALENDERED DIGITAL PRINT MEDIA

Technical Datasheet
08/24
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

techsupport-americas@orafol.com – www.orafol.com

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