

ORAJET® 3951 PREMIUM WRAPPING CAST FILM WITH REPOSITIONABLE ADHESIVE

Technical Datasheet
08/2021
Page 1 of 2

Description

2-mil, premium cast PVC film, available in white (010) gloss or transparent (000) gloss

Release Liner

88# PE-coated silicone paper

Adhesive

White (010): Grey, solvent-based repositionable, removable with heat

Transparent (000): Clear, solvent-based repositionable, removable with heat

Area of Use

White (010): For long-term general signage, print and cut spot vehicle and boat graphics, as well as vehicle and boat wraps where conformability is required.

Transparent (000): For long-term general signage and graphics requiring transparency, graphics applied to translucent illuminated sign faces, like white polycarbonate or acrylic substrates, transparent window graphics.

Pair with ORAGUARD® 293, 290, 290GF, for longer-term automotive, boat graphic applications, and general signage applications. Pair with ORAGUARD® 289F for exceptional long-term durability where a more rugged, self-healing over-laminate is required.

Technical Data

Thickness (without liner and adhesive)	2-mil
Dimensional Stability (FINAT TM-14)	Adhered to steel, no shrinkage in cross direction; In length, <.004"
Temperature Resistance	Adhered to aluminum, -58°F to +212°F, no variation
Fire Behavior (DIN 75200)	Adhered to steel, self-extinguishing
Fire Rating	ASTM E 84-07 Class "A"
Adhesive Power (FINAT TM-1, after 24 h, average)	Adhered to stainless steel: 4.1 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)	White(010) 10 years (unprinted) Transparent(000) 8 years (unprinted)
Minimum Application Temperature	46°F
Available Lengths	150' (50-yard) *30' (10-yard) (*30' x 54" white - 010) 15 (punched), 30, 36, 50, 54, 60 (white - 010) 15 (punched), 30, 36, 50, 54, 60 (transparent - 000)
Available Widths (in inches)	
Recommended Laminates	ORAGUARD® Series 290, 290GF, 293, 289F
Print Compatibility	Latex, Solvent, Eco-Solvent, UV Curable

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.



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

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

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

ORAJET® 3951

PREMIUM WRAPPING CAST FILM

WITH REPOSITIONABLE ADHESIVE

Technical Datasheet

08/2021

Page 2 of 2

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

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

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