ORACAL® 352
Print Polyester

Description

1-mil, transparent, white or metallized print polyester film with excellent dimensional stability and good long-term ageing properties. Surface with top coat for printing. Roll sizes available in 5 metallic finishes as well as transparent gloss. Screen printing sheet sizes available in white and transparent gloss only.

Release Liner

98# PE-coated paper on both sides

Adhesive

Clear, solvent-based, permanent adhesive

Area of Use

Ideal for decorative labels, name/technical plates, elements and moldings, and safety decals.
Suitable for use on plotter cutting systems.

Technical Data

Thickness[1] (without liner and adhesive)	1-mil (transparent, chrome, matte chrome, gloss gold, gold-coated on both sides) 2-mil (white, chrome, chrome brushed, gold-coated on both sides)
Dimensional Stability[1] (FINAT TM-14)	Adhered to steel, no shrinkage in cross direction; In length, <.004"
Temperature Resistance[2]	Adhered to aluminum, -40°F to +248°F, no variation
Fire Behavior (DIN 75200) **Fire Rating**	Adhered to steel, self-extinguishing ASTM E 84-07 Class "A"
Adhesive Power[1] (FINAT TM-1, after 24 h)	Adhered to stainless steel: 2.7 lb/in
Tensile Strength[1] (DIN EN ISO 527)	Along: > 200 MPa Across: > 260 MPa
Elongation at Break[1] (DIN EN ISO 527)	Along: > 120% Across: > 80%
Shelf Life[3] (68°F/50% relative humidity)	2 years
Minimum Life Expectancy (based on accepted application procedures on vertical surfaces)	2 years (not printed) gloss gold, gold-coated on both sides: 1 year (not printed)
Minimum Application Temperature	46°F
Available Lengths **Available Widths**	150' (50-yard) and 30' (10-yard) 15" (punched), 24", 30", 48" 27" x 38" sheets (100 sheets/ream) White & Transparent 30" x 38" sheets (100 sheets/ream) White & Transparent
Recommended Application Tapes	ORATAPE® Series HT55, MT95, MT72, MT80P
Print Compatibility	Screen printing, UV offset, and thermal printing

[1]average   [2]short-time exposure   [3]In original packaging

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 ORACAL® 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 ORACAL® 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 ORACAL® 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