

ORACAL® Series 351 Polyester Film

Description

Metallized polyester film with excellent dimensional stability and good long-term aging properties. Surface with primer for printing. Available in chrome, matte chrome and double-sided gloss gold.

Release Paper

84# silicone-coated paper with special release characteristics that provide excellent weeding and release values.

Adhesive

Solvent based polyacrylate, permanent

Applications

Ideal for decorative labels, name and technical plates, decoration and moldings and safety stickers as well as cut lettering and symbols. Particularly suitable for application on transparent substrates.

Technical Data

Thickness (without protective paper and adhesive)	1 mil
Dimensional Stability	Adhered to steel, no measurable shrinkage in cross direction; in length, < .004"
Temperature Resistance	Adhered to aluminum, -40°F to +248°F, no variation
Adhesive Power (FINAT TM-1, after 24 h, average)	Adhered to stainless steel: 2.7 lb/in ²
Resistance to Cleaning Agents	After 72h adhered to aluminum at room temperature, resistant to most oils and greases, weak acids, salts and alkalis
Tensile Strength (DIN EN ISO 527) Along Across	Min. 200 MPa Min. 300 MPa
Elongation at Break (DIN EN ISO 527) Along Across	Min. 120% Min. 85%
Seawaterability (DIN 50021)	Adhered to aluminum, after 100h/73°F, no variation
Shelf Life (68°C/50% relative humidity)	2 years
Minimum Application Temperature	46°F
Available Lengths Available Widths (inches)	10 yards and 50 yards 20, 24, 48 15 punched, 30 punched
Minimum Life Expectancy (based on accepted application procedures on vertical surfaces)	2 years 1 year – gold-coated

Attention

Surfaces to which the material will be applied must be cleaned thoroughly of dust, grease or any contaminants. Freshly lacquered or painted surfaces should be allowed to stand for at least three weeks after complete curing. The compatibility of selected lacquers and paints should be tested by the end-user prior to use.

The statements in this information sheet are based upon our knowledge and practical experience. This data is intended only as a source of information and is given without any guarantee and does not constitute a warranty. Due to the wide variety of possible uses and applications, customers should independently determine the suitability of this material for their specific purpose, prior to use.

