

ORACAL® Series 651 Intermediate Calendered Film

Description

2.5-mil, intermediate calendered PVC film with excellent dimensional stability and very good cutting and application characteristics. Available in 60 vivid colors plus transparent, matte white and matte black.

Release Liner

84# custom silicone coated paper with special release characteristics that provide excellent weeding and release values. Customized blue silicone paper liner for matte and gloss white film provide superior contrast for weeding.

Adhesive

Clear, solvent-based, permanent adhesive

Applications

Ideal for medium-term indoor and outdoor lettering, marking and decoration. Matte finish available in black and white.

Technical Data

Thickness (without liner and adhesive)	2.5 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)	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. 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)	6 years - colors/transparent/black and white 4 years - metallic 3 years - brilliant blue
Minimum Application Temperature	46°F
Available Lengths	150' (50-yard) and 30' (10-yard)
Available Widths (inches)	15 (punched), 24, 30, 48 36 and 60 available in transparent, black, and white
Recommended Application Tapes	ORATAPE® HT55, MT95, MT72
Print Compatibility	Thermal transfer (gloss finish only)

Attention

Recycling Recommendation: Waste class similar to household waste, is to be recycled according to the local regulations.

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.

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