

ORACAL[®] 651 Intermediate Cal

Description

High gloss, intermediate-performance specially optimized PVC film.

Release Paper

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

Adhesive

Solvent polyacrylate, permanent

Applications

Due to its special release characteristics, this product is ideal for use on computer-aided sign making (CAS) equipment. Its special proprietary formulation ensures optimized stability and resistance to UV degradation. For medium-term outdoor applications. Indoor exposure is almost unlimited. Gloss finish is compatible with thermotransfer printing.

Technical Data:

Thickness (without protective paper and adhesive)	2.5 mil
Dimensional Stability (FINAT - TM 14)	adhered to steel, no shrinkage in cross direction; in length, < .016"
Seawaterability (DIN 50 021)	adhered to aluminum, no variation after 100 h/ 73 °F
Temperature Resistance	adhered to aluminum, -40 °F to +176 °F no variation
Adhesive Power (FINAT TM-1, after 24 h, stainless steel, average)	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%
Shelf life (68°F/50% relative humidity)	2 years
Minimum Application Temperature	+46 °F
Available Lengths	10 and 50 yard rolls
Available Widths	15 punched, 20, 24, 30 punched, 48; 12 (#000 transparent, #010 white only), 36 (#000 transparent, #010 white, #070 black only)
Minimum Life expectancy based on accepted application procedures	6 years, metallic 4 years

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.



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