

ORACAL® Series 8100 Translucent Intermediate Cal

Description

Translucent colored film providing homogenous uniformity when viewed through or on to the material. Features a matte surface to inhibit undesired reflection. Available in 20 radiant colors.

Release Paper

84# 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

Specially developed for the production of shorter-term internally illuminated signs on rigid, flexible or thermoformed surfaces. Thermal-transfer compatible.

Technical Data

Thickness (without protective paper and adhesive)	3 mil
Dimensional Stability	Adhered to steel, no measurable shrinkage in cross direction; in length, < .016"
Temperature Resistance	Adhered to acrylic, -40°F to +176°F, no variation
Adhesive Power (FINAT TM-1, after 24 h, average)	Adhered to glass: 3.6 lb/in ² Adhered to acrylic: 4.0 lb/in ²
Tensile Strength (DIN EN ISO 527) Along Across	Min. 19 MPa Min. 19 MPa
Elongation at Break (DIN EN ISO 527) Along Across	Min. 130% Min. 130%
Shelf Life (68°C/50% relative humidity)	2 years
Minimum Application Temperature	46°F
Available Lengths Available Widths (inches)	50-yard rolls 24, 48, 15 punched, 30 punched
Minimum Life Expectancy (based on accepted application procedures on vertical surfaces)	3 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.

