

# ORACAL® Series 8500 Translucent High Performance

## Description

Translucent, high-performance PVC film providing homogenous uniformity when viewed through or on to the materials. Features a silk-matte finish to inhibit undesired reflection. Available in 55 luminous colors.

## Release Paper

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

## Adhesive

Solvent polyacrylate, permanent

## Applications

Specially designed for producing longer-term illuminated signs on rigid, or thermoformed surfaces. Thermal-transfer compatible.

## Technical Data

<b>Thickness</b> (without protective paper and adhesive)	3 mil
<b>Dimensional Stability</b>	Adhered to steel, no measurable shrinkage in cross direction; in length, < .008"
<b>Temperature Resistance</b>	Adhered to acrylic, -40°F to +194°F, no variation
<b>Adhesive Power</b> (FINAT TM-1, after 24 h, average)	Adhered to glass: 4.1 lb/in <sup>2</sup> Adhered to acrylic: 3.7 lb/in <sup>2</sup>
<b>Resistance to Cleaning Agents</b>	Adhered to acrylic, after 8 hours (in 0.5% household cleaning agents) at room temperature and 149°F, no variation.
<b>Tensile Strength</b> (DIN EN ISO 527) Along Across	Min. 19 MPa Min. 19 MPa
<b>Elongation at Break</b> (DIN EN ISO 527) Along Across	Min. 130% Min. 150%
<b>Seawaterability</b> (DIN 50 021)	N/A
<b>Shelf Life</b> (68°C/50% relative humidity)	2 years
<b>Minimum Application Temperature</b>	46°F
<b>Available Lengths</b> <b>Available Widths</b> (inches)	10-yard and 50-yard rolls 20, 24, 36 (#010 white only), 48, 15 punched, 30 punched
<b>Minimum Life Expectancy</b> (based on accepted application procedures on vertical surfaces)	7 years – colored 5 years – metallics

## 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.

