

# ORACAL® Series 631 Exhibition Cal

## Matte Surface. Removable Adhesive.

### Showstopping Graphics

This 3-year, 3-mil film is the perfect choice for creating an easily removable graphic that will look great under harsh lighting conditions. With its special release characteristics that allow the film to remove cleanly and easily for up to 2 years, ORACAL® Series 631 Exhibition Cal is ideal for use in die-cut and computer-cut systems. Available in 47 high-impact colors, plus clear, this film's matte finish suppresses unwanted reflection, making Series 631 the perfect choice for temporary and short-term graphics such as tradeshow displays and exhibition stands.

### ORACAL® Series 631 Exhibition Cal Features and Benefits

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| ✓ Water-based, removable adhesive system             | = Removes cleanly and easily up to 2 years   |
| ✓ 47 high-impact colors                              | = Wide selection of colors that remain consistent throughout the entire roll as well as roll-to-roll |
| ✓ Matte finish                                       | = Inhibits undesired reflection  |
| ✓ 100% splice-free rolls, every time                 | = No production downtime   |
| ✓ 83-lb. Silicone coated liner                       | = Provides excellent weeding and release values  |
|  | = Blue liner for white provides superior contrast for cutting and weeding                            |
| ✓ Quality certified ISO 9001                         | = Unmatched consistency  |
| ✓ Revolutionary batch ID system                      | = Provides outstanding quality control   |
| ✓ Compatible with thermal transfer imaging equipment | = Unlimited creative possibilities   |

# ORACAL® Series 631 Exhibition Cal

## Description

Soft PVC film that can be removed with little or no adhesive residue for up to two years and a matte surface that suppresses unwanted reflection. Available in 47 vivid colors.

## Release Paper

83# 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 provide superior contrast for cutting and weeding.

## Adhesive

Polyacrylate dispersion, removable

## Applications

Due to its special release characteristics, this film is ideal for use in die-cut and computer-cut systems. For short- and medium-term outdoor applications in displays and exhibition stands. Certified according to DIN 4102-B1.

## 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, < .016"
<b>Temperature Resistance</b>	Adhered to aluminum, -40°F to +176°F, no variation
<b>Adhesive Power</b> (FINAT TM-1, after 24 h, average)	Adhered to stainless steel: 1.65 lb/in <sup>2</sup>
<b>Resistance to Cleaning Agents</b>	After 72h adhered to aluminum at room temperature, resistant to most oils and greases, weak acids, salts and alkalis
<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)	Adhered to aluminum, no variation after 48h/73°F
<b>Shelf Life</b> (68°C/50% relative humidity)	2 years
<b>Minimum Application Temperature</b>	50°F
<b>Available Lengths</b> <b>Available Widths</b> (inches)	10-yard and 50-yard rolls 24, 48, 15 punched, 30 punched
<b>Minimum Life Expectancy</b> (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.

