

# ORACAL 8300      Transparent Cal

05/29

## Description

Special transparent coloured PVC film with UV-stabilizers. Glossy surface.

## Release paper

Silicone coated paper on one side, 137 g/m<sup>2</sup>, with special release characteristics, which provide excellent waste-stripping properties.

## Adhesive

Solvent polyacrylate, permanent adhesive.

## Area of use

This film is especially designed for permanent markings for internally illuminated signs and window graphics and meets the requirements of the computerized sign-marking industry. Both dry or wet application are possible, whereby the adhesive does not change the colour.

## Technical data

<b>Thickness*</b> (without protective paper and adhesive)	80 micron
<b>Dimensional stability</b> (FINAT TM 14)	adhered to steel, no measurable shrinkage in cross direction, in length 0.4 mm max.
<b>Temperature resistance</b>	adhered to acrylglas, -40°C to +80°C, no variation
<b>Resistance to cleaning agents</b>	adhered to acrylglas, 8h in washcalics (0,5% household-cleaning agents) at room temperature and 65°C, no variation
<b>Adhesive power*</b> (FINAT TM 1, after 24h)	18 N/25 mm glass 16 N/25mm acrylic glass
<b>Tensile strength</b> (DIN EN ISO 527)	
along	min. 19 MPa
across	min. 19 MPa
<b>Elongation at break</b> (DIN EN ISO 527)	
along	mind. 130%
across	mind. 150%
<b>Shelf life**</b>	2 years
<b>Application temperature</b>	min. + 8°C
<b>Service life by specialist application</b> under vertical outdoor exposure (normal climate of Central Europe)	

\* average      \*\* in original packaging, at 20°C and 50% relative humidity

## Attention:

Surfaces to which the material will be applied must be thoroughly cleaned from dust, grease or any contamination which could affect the adhesion of the material. Freshly lacquered or painted surfaces should be allowed to dry for at least three weeks and to completely cure respectively. The compatibility of selected lacquers and paints should be tested by the user, prior to application of the material. Furthermore the application informations published by ORAFOL are to be considered.

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 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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