

# ORACAL 1660 Opaque Vinyl

07/05

## Description

Special PVC film with a high percentage of pigment. White gloss surface. Excellent opacity.

## Release paper

Silicone coated paper, 135 g/m<sup>2</sup>

## Adhesive

Polyacrylate, removable, transparent

## Area of use

For marking and decoration with high demands on resistance and durability, e.g. lettering on vehicles and means of transportation.

## Printing method

Recommended are screen printing and inkjet printing with solvent-based inks.

## Technical data

<b>Thickness*</b> (without protective paper and adhesive)	110 micron
<b>Dimensional stability</b> (FINAT TM 14)	adhered to steel, no shrinkage in cross direction, in length 0.4 mm max.
<b>Temperature resistance</b>	adhered to aluminium, -40°C to +80°C, no variation
<b>Water resistance</b>	adhered to aluminium, after 48h/23°C no variation
<b>Adhesive power</b> (FINAT TM 1, after 24h, stainless steel)	6 N/25 mm
<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	min. 130%
across	min. 150%
<b>Shelf life**</b>	2 years
<b>Application temperature</b>	min. +10°C
<b>Service life by specialist application</b> under vertical outdoor exposure (normal climate of Central Europe)	3 years (not printed)

\* 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.



ORAFOL Europe GmbH - Am Biotop 2 - D 16515 Oranienburg  
Telefon: +49 (0) 33 01/864 0 - Telefax: +49 (0) 33 01/864 100  
E-Mail: [verkauf@orafol.de](mailto:verkauf@orafol.de) - Internet: <http://www.orafol.de>