

# ORACAL 1030 High Performance Vinyl

07/16

## Description

High performance PVC film, which ensures excellent light-fastness and weather resistance. Surface glossy and matt. Available in transparent, white and black.

## Release paper

Silicon coated paper on one side, 135 g/m<sup>2</sup>.

## Adhesive

Solvent polyacrylate, removable

## Area of use

For medium- and long-term lettering, marking, and decoration with highest requirements for durability and service life. Particularly suited for high quality vehicle and public transport system advertising.

## Printing method

Screen printing, UV-offset printing and flexoprinting are recommended.

## Technical data

<b>Thickness*</b> (without protective paper and adhesive)	100 micron
<b>Dimensional stability</b> (FINAT TM 14)	adhered to steel, no measurable shrinkage in cross direction, in length 0.2 mm max.
<b>Temperature resistance</b>	adhered to aluminium, -40°C to +90°C, no variation
<b>Seawater resistance</b> (DIN 50021)	adhered to aluminium, after 100h/23°C no variation
<b>Adhesive power*</b> (FINAT TM 1, after 24h, stainless steel)	5 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. +8°C
<b>Service life by specialist application</b> under vertical outdoor exposure (normal climate of Central Europe)	7 years (not printed)
<b>Removability</b>	within 4 years residueless removable from most surfaces

\* 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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