

# ORACAL 621

## Description

Soft PVC film with gloss finish.

## Release paper

Silicone coated paper on one side, 137 g/ m<sup>2</sup>, with special release characteristics which provide excellent waste- stripping properties. For white vinyl a light blue silicone coated paper is used to form a stronger contrast to lettering.

## Adhesive

Polyacrylate dispersion, semi- permanent adhesive.

## Areas of use

Designed for the use on plotter systems for the production of short term markings, inscriptions and decorations to be applied outdoors. The polyacrylic adhesive ensures residueless removal even after 2 years of adhesion.

## Technical data\*

<b>Thickness</b> (without paper and adhesive)	75 micron
<b>Dimensional stability</b> (FINAT - TM 14)	adhered to steel, no shrinkage in cross direction, in length < 0,4 mm
<b>Seawaterability</b> (DIN 50 021)	adhered to aluminium, 100 h/ 23°C no variation
<b>Temperature resistance</b>	adhered to aluminium, -40°C to +80°C no variation
<b>Adhesive power</b> (FINAT FTM- 1, after 24 h, stainless steel)	7 +/- 2 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> ( 20 °C and 50 % relative humidity)	2 years
<b>Removability</b>	residueless removal within 2 years
<b>Minimum application temperature</b>	+8°C
<b>Service life</b> by specialist application under vertical outdoor exposure (normal climate of central Europe)	up to <b>3 years</b>

## Attention:

Surfaces to which the material will be applied must be thoroughly free of dust, grease or other contamination that could affect the adhesion of the material. 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 user, prior to application of the material.

\* 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.