

## Description

Metallised polyester film with excellent dimensional stability and good long-term ageing properties. Specially designed for use as a plotter film, as it has a top-coated surface for printing. Available in chrome, matt chrome, chrome-brushed and double-sided glossy gold.

## Release Paper

Silicone coated paper on one side, 137 g/m<sup>2</sup>, with provides excellent weed-stripping properties.

## Adhesive

Solvent polyacrylate, permanent

## Area of use

For use as premium quality decorative labels, name and technical plates, decoration and mouldings, safety stickers as well as cut lettering and symbols. Suitable for screen-printing and UV-offset-printing.

## Technical Data

<b>Thickness*</b> (without protective paper and adhesive)	23 micron (chrome, matt chrome, double-sided glossy gold) 50 micron (chrome-brushed)
<b>Dimensional stability</b> (FINAT TM 14)	Adhered to steel, no measurable shrinkage in cross direction, in length 0,1 mm max.
<b>Temperature resistance</b>	Adhered to aluminium, -50° C to +120° C, no variation
<b>Sea water resistance</b> (DIN 50021)	Adhered to aluminium, after 100h/23° C no variation
<b>Resistance to cleaning agents</b>	Adhered to aluminium, 8h in suds (0,5% household cleaner at room temperature and at 65° C), no variation
<b>Adhesive power*</b> (FINAT TM 1, after 24h, stainless steel)	12 N/25 mm
<b>Tensile strength</b> (DIN EN ISO 527)	Along: min. 200 MPa Across: min. 300 MPa
<b>Elongation at break</b> (DIN EN ISO 527)	Along: min. 120% Across: min. 85%
<b>Shelf life**</b>	2 years
<b>Application temperature</b>	> +8° C
<b>Service life by specialist application</b> under vertical outdoor exposure (normal climate of Central Europe)	2 years, glossy gold 1 year

\* average    \*\* in original packaging, at 20° C and 50% relative humidity    \*\*\* normal climate of Central Europe

## Note

Surfaces to which the material will be applied must be thoroughly cleaned and free from dust, grease or any other contamination that 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. The compatibility of selected lacquers and paints should be tested by the user, prior to application of the material. Furthermore, the application information published by ORAFOL must be considered. The batch traceability according to ISO 9001 is possible on the basis of the roll number.

## IMPORTANT NOTICE

All ORACAL® products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects. Published information concerning ORACAL® products is based upon research which the Company believes to be reliable although such information does not constitute a warranty. Because of the variety of uses of ORACAL® products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. All specifications are subject to change without prior notice. ORACAL® is a registered trademark of ORAFOL Europe GmbH.