

Description

Transparent, white or metallised polyester film with excellent dimensional stability and good long-term ageing properties. Surface with top coat for printing.

Release Paper

Double sided PE coated paper, one side siliconised, 160 g/m².

Adhesive

Solvent polyacrylate, permanent.

Area of use

For premium quality decorative labels, name and technical plates, decoration and mouldings, safety stickers.

Printing Method

Screen printing and UV-offset printing are recommended.

Technical Data

Thickness ⁽¹⁾ (without paper and adhesive)	23 micron (transparent, chrome, matt chrome, gloss gold, gloss gold on both sides) 50 micron (white, chrome, chrome brushed, gloss gold on both sides)
Dimensional stability ⁽¹⁾ (FINAT TM 14)	Adhered to steel, no measurable shrinkage in cross direction, in length 0,10 mm max.
Temperature resistance ⁽²⁾	Adhered to aluminium, -40° C to +120° C, no variation
Adhesive power ⁽¹⁾ (FINAT TM 1, after 24h, stainless steel)	12 N/25 mm
Tensile strength ⁽¹⁾ (DIN EN ISO 527)	Along: > 200 MPa Across: > 260 MPa
Elongation at break ⁽¹⁾ (DIN EN ISO 527)	Along: > 120% Across: > 80%
Shelf life ⁽³⁾	2 years
Application temperature	> +8° C
Maximum service life by specialist application under vertical outdoor exposure ⁽⁴⁾	2 years (not printed) glossy gold, gloss gold on both sides: 1 year (not printed)

⁽¹⁾ average ⁽²⁾ short-time exposure ⁽³⁾ in original packaging, at 20° C and 50% relative humidity ⁽⁴⁾ 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.