

Description

Blended polymeric PVC film with glossy or matt surface.

Release Paper

Silicone coated paper on one side, 137 g/m², which provides excellent weed-stripping properties. For white vinyl, a light blue silicone paper is used, to form a stronger contrast to lettering.

Adhesive

Solvent polyacrylate, permanent

Area of use

Very well suited for use on cutting plotter systems in the production of short- and medium-term markings, inscriptions and decorations. Outdoor applications. Indoor exposure is almost unlimited. Glossy surface is additionally suitable for thermal transfer printing (with resin ribbons).

Certificates

German General Type Approval (ABG, D5292) acc. to § 22a StVZO (Federal German Road Traffic Licensing Order)

Technical Data

Thickness* (without protective paper and adhesive)	70 micron
Dimensional stability (FINAT TM 14)	Adhered to steel, no measurable shrinkage in cross direction, in length 0,4 mm max.
Temperature resistance***	Adhered to aluminium, -40° C to +80° C, no variation
Sea water resistance (DIN EN ISO 9227)	Adhered to aluminium, after 100h/35° C, no variation
Fire resistance (DIN EN 13501-1)	C-s1,d0 (flame retardant, no/low smoke production, no flaming droplets)
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	18 N/25 mm
Tensile strength (DIN EN ISO 527)	Along: > 19 MPa Across: > 19 MPa
Elongation at break (DIN EN ISO 527)	Along: > 130% Across: > 150%
Shelf life**	2 years
Application temperature	> +8° C
Service life by specialist application	Black / white: 5 years Transparent / coloured / metallic: 4 years Brilliant blue: 3 years

* 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