

Description

Polymeric PVC film, available in white with a glossy or matt surface

Release Paper

Double sided PE coated *RapidAir® ProSlide* paper, one side siliconised, 158 g/m²

Adhesive

Solvent polyacrylate, repositionable with permanent final adhesion, grey

Area of use

For long-term outdoor displays with the highest degree of brilliancy and durability e.g. vehicle lettering. The *RapidAir®* structure of the adhesive enables a bubble-free application - entrapped air can be easily removed by simply smoothing it out under the film. The new *ProSlide* technology enables an easy and quick application due to its improved repositionability. Projects can be realized in a shorter time, especially large-sized graphics or decals.

Printing Method

Inkjet printing with solvent-based inks, UV- or latex inks.

Technical Data

Thickness ⁽¹⁾ (without paper and adhesive)	70 micron
Dimensional stability ⁽¹⁾ (FINAT TM 14)	Adhered to steel shrinkage, no shrinkage in cross direction, in length 0,2 mm max.
Temperature resistance ⁽²⁾	Adhered to aluminium, -50° C to +90° C (short-term, max. 24h, at +100° C), no variation
Sea water resistance (DIN 50021)	Adhered to aluminium, after 100h/23° C, no variation
Resistance to solvents and chemicals	At room temperature, 72h after adhesion to aluminium, short-term resistant to most oils and greases, fuels, aliphatic solvents, weak acids, salts and alkalis
Adhesive power ⁽¹⁾ (FINAT TM 1, after 24h, stainless steel)	14 N/25 mm
Tensile strength ⁽¹⁾ (DIN EN ISO 527)	Along: > 19 MPa Across: > 19 MPa
Elongation at break ⁽¹⁾ (DIN EN ISO 527)	Along: > 130% Across: > 150%
Shelf life ⁽³⁾	2 years
Application temperature	> +8° C
Maximum service life by specialist application Applies for vertical outdoor exposure ⁽⁴⁾	7 years (not printed)

⁽¹⁾ average ⁽²⁾ short-time exposure ⁽³⁾ in original packaging, at 20 °C and 50% relative humidity ⁽⁴⁾ Applies for vertical outdoor exposure and normal climate of central Europe. The actual and expected service life is determined by the environmental conditions, as well as pre-treatment of the substrate and regular maintenance. For more information, please visit: www.orafol.com/gp/europe/en/support

Note

The above information is based on our present knowledge and practical experience. The information is given without any guarantee or agreement with regards to the quality or properties of the material. It does not constitute a warranty of any certain quality, properties and/or service life concerning the ORAFOL® films.

After printing, the ink must be allowed to dry thoroughly in order to avoid any issues when later combined with the laminate. Surfaces to which the material will be applied must be thoroughly cleaned and free 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. The compatibility of the selected lacquers and paints should be tested by the user prior to the application of the material.

Please note that by nature films are more sensitive than lacquers. Therefore, films must be treated and maintained with the greatest care. For application of ORAFOL® films (wrapping and removal) as well as for maintenance and use, please refer to our documents Processing Guidelines and Maintenance and Usage Terms. If our guidelines are not followed please be advised that in particular the maximum service life information, stated as based on our experience, does not apply. If the Processing Guidelines and Maintenance and Usage Terms are not complied with, any warranty and liability is excluded.

The batch traceability according to ISO 9001 is possible on the basis of the roll number.

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All ORAJET® 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 ORAJET® 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 ORAJET® 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.

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