

Description

Premium cast white PVC film with a glossy surface

Release Paper

Double sided PE coated *RapidAir*® paper, one side siliconised, 145 g/m²

Adhesive

Solvent polyacrylate, repositionable, permanent, grey

Area of use

For long-term outdoor displays with the highest degree of brilliancy and durability e.g. complete car wrapping. The *RapidAir*® technology enables easy and quick bubble-free application, especially of large-sized graphics or decals. Entrapped air can be easily removed by simply smoothing it out under the film. For more curved surfaces, such as corrugations or rivets, these films should generally be handled like calendared films.

Printing Method

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

Certificates

Fire protection in railway vehicles (DIN EN 45545-2): Conforms to the requirements for hazard level HL1 / HL2 / HL3 of requirement sets R1, R7 and R17.

Technical Data

Thickness* (without protective paper and adhesive)	55 micron
Dimensional stability (FINAT TM 14)	Adhered to steel, no shrinkage in cross direction, in length 0,1 mm max.
Temperature resistance***	Adhered to aluminium, -50° C to +100° C, no variation
Sea water resistance (DIN EN ISO 9227)	Adhered to aluminium, after 100h/35° C, no variation
Resistance to solvents and chemicals	At room temperature, 72h after adhesion to aluminium, short-term resistance to most oils and greases, fuels, aliphatic solvents, weak acids, salts and alkalis
Fire behavior (DIN 4102-1)	Only flame resistant (class DIN 4102-B1) on steel surface (indoor application, also printed)
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	16 N/25 mm
Tensile strength (DIN EN ISO 527)	Along: min. 19 MPa Across: min. 19 MPa
Elongation at break (DIN EN ISO 527)	Along: min. 120% Across: min. 120%
Shelf life**	2 years
Minimum application temperature	>+8° C
Service life by specialist application Under vertical outdoor exposure (normal climate of Central Europe)	10 years (not printed)

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

Note

After printing, the ink must be allowed to thoroughly dry, 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. 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 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.

ORAJET® is a registered trademark of ORAFOL Europe GmbH.