

Description

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

Release Paper

Double sided PE coated paper, one side siliconised, 143 g/m²

Adhesive

Solvent polyacrylate, repositionable, permanent adhesive, grey and transparent

Area of use

For long-term outdoor displays with the highest degree of brilliancy and durability e.g. vehicle lettering.

Printing Method

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

Certificates

German General Type Approval acc. to § 22a StVZO, Federal German Road Traffic Licensing Order laminated with ORAGUARD® 215, ABG-no. D5518

Technical Data

Thickness* (without paper and adhesive)	70 micron
Dimensional stability (FINAT TM 14)	Adhered to steel, no shrinkage in cross direction, in length 0,2 mm max.
Temperature resistance***	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
Fire behaviour (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)	18 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. 130% Across: min. 150%
Shelf life**	2 years
Minimum application temperature	>+8° C
Service life by specialist application Under vertical outdoor exposure (normal climate of Central Europe)	7 years

* 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.

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