

Description

Premium cast PVC film, available in white and transparent with a glossy surface

Release Paper

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

Adhesive

Solvent polyacrylate, repositionable, with permanent final adhesion, grey or transparent

Area of use

For long-term outdoor graphic applications, markings and decorations with the highest degree of brilliancy and durability. The film is particularly suitable for complete car wrapping applications.

Printing Method

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

Certificates

Fire resistance acc. to DIN EN 13501-1 (B-s1,d0: flame retardant, no/low smoke production, no flaming droplets).
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 ⁽¹⁾ (without protective paper and adhesive)	55 micron
Dimensional stability ⁽¹⁾ (FINAT TM 14)	Adhered to steel, no shrinkage in cross direction, in length: 0.1 mm max.
Temperature resistance ⁽²⁾	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 (not laminated and laminated with ORAGUARD® 290)
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
Adhesive power ⁽¹⁾ (FINAT TM 1, after 24h, stainless steel)	18 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: > 120% Across: > 120%
Shelf life ⁽³⁾	2 years
Minimum application temperature	>+8° C
Maximum service life by specialist application Applies for vertical outdoor exposure ⁽⁴⁾	White: 10 years (not printed) Transparent: 8 years (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

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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