

Description

Polymeric PVC film with glossy, semi-glossy or matt surface and a high level of UV protection.

Release Paper

Silicone coated paper, white, 90 g/m²

Adhesive

Solvent polyacrylate, permanent

Area of use

For the protection of digitally printed large format pictures in indoor and outdoor applications.

Technical Data

Thickness ⁽¹⁾ (without paper and adhesive)	75 micron
Temperature resistance ⁽²⁾	adhered to aluminium, -50° C to +90° C, no variation
Resistance to solvents and chemicals	At room temperature, 72h after adhesion to aluminium, resistant to water, cleaning agents, alcohol and aliphatic solvents
Adhesive power ⁽¹⁾ (FINAT TM 1, after 24h, stainless steel)	12 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⁾	5 years

⁽¹⁾ average ⁽²⁾ short-time exposure ⁽³⁾ in original packaging, at 20° C and 50% relative humidity ⁽⁴⁾ normal climate of Central Europe

Note

Due to the diversity of prints and printing techniques, the user should test the suitability of ORAGUARD® laminating films for the specific print purpose, prior to use. Furthermore, the application information published by ORAFOL must be followed.

IMPORTANT NOTICE

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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 with permanent final adhesion, grey or 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
- Fire resistance acc. to DIN EN 13501-1 (ORAJET® 3551G + ORAGUARD® 215G; C-s2,d0: flame retardant, limited smoke, no draining)

Technical Data

Thickness ⁽¹⁾ (without paper and adhesive)	70 micron
Dimensional stability ⁽¹⁾ (FINAT TM 14)	Adhered to steel, 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)	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: > 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⁾ normal climate of Central Europe