

Description

Polymeric PVC film, white, with a glossy, semi-glossy or matt surfaces. Also available with a transparent glossy surface.

Release Paper

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

Adhesive

Solvent polyacrylate, permanent, grey and transparent

Area of use

For digital large format prints and displays in long-term outdoor applications.

Printing Method

Inkjet printing with solvent based inks, uv- or latex inks

Technical Data

Thickness* (without protective paper and adhesive)	100 micron
Dimensional stability (FINAT TM 14)	Adhered to steel shrinkage, no shrinkage in cross direction, in length 0,2 mm max.
Temperature resistance***	Adhered to aluminium, -50° C to +90° C, no variation
Seawater resistance (DIN 50021)	Adhered to aluminium, after 100h/23° C, no variation
Resistance to solvents and chemicals	At room temperature, 72h adhered to aluminium short-term resistant to most oils and greases, fuels, aliphatic solvents, weak acids, salts and alkalis
Fire behaviour	Adhered to steel, self-extinguishing
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 (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.

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