

Description

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

Release Paper

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

Adhesive

Solvent polyacrylate, repositionable, permanent, grey and transparent

Area of use

For long-term outdoor displays e.g. digital large format prints, with the highest degree of brilliancy and durability

Printing Method

Inkjet printing with solvent-based inks or latex inks

Technical Data

Thickness* (without paper and adhesive)	60 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 (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 adhered to aluminium resistant to most mineral oils and fats, fuels, aliphatic solvents, mild acids, salts and alkali
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)	8 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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