

Description

High performance PVC polymer film, with excellent light-fastness and weather resistance. Available in white with a glossy and matt surface.

Release Paper

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

Adhesive

Solvent polyacrylate, permanent, with high initial tack and final adhesion.

Area of use

For long-term graphic applications, markings and decorations in outdoor areas. Specially designed for applications onto "hard-to-stick" substrates such as low energy plastics (polyethylene, polypropylene) and rough or textured surfaces.

Printing Method

Screen printing is recommended, UV-offset printing and flexo printing.

Technical Data

Thickness* (without paper and adhesive)	100 micron
Dimensional stability (FINAT TM 14)	Adhered to steel, no measurable shrinkage in cross direction, in length 0,4 mm max.
Temperature resistance***	Adhered to aluminium, -50° C to +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 resistance to most oils and greases, fuels, aliphatic solvents, weak acids, salts and alkalis
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	28 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**	1 year
Application temperature	> +4° 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

Surfaces to which the material will be applied must be thoroughly cleaned and free from dust, grease or any other contamination that 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 selected lacquers and paints should be tested by the user, prior to 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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