

Description

High performance PVC film ensuring light-fastness and weather resistance to the highest extent. Available in white and transparent with glossy surface.

Release Paper

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

Adhesive

Solvent polyacrylate, permanent

Area of use

Specially developed for high quality screen printing, for outdoor lettering, decoration and marking of products with highest demands for resistance and durability.

Printing Method

Screen printing is recommended. Special inks are necessary for UV-offset printing and flexo printing.

Technical Data

Thickness* (without paper and adhesive)	70 micron
Dimensional stability (FINAT TM 14)	Adhered to steel, no measurable shrinkage in cross direction, in length 0,2 mm max.
Temperature resistance	Adhered to aluminium, -40° C to +90° C (short-term at 100° 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 after adhesion to aluminium, short-term resistance to most oils and greases, fuels, aliphatic solvents, weak acids, salts and alkalis
Fire behavior (DIN 75200)	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
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

Note

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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