

Description

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

Release Paper

Silicone coated paper on one side, 135 g/m²

Adhesive

Solvent polyacrylate, permanent

Area of use

For lettering, marking and decoration that require the highest standards for durability and service life. Particularly suited for high quality advertising on vehicle and public transport systems. For use on cutting plotter systems and on high-quality screen printing.

Printing method

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

Technical Data

Thickness* (without paper and adhesive)	100 micron
Dimensional stability (FINAT TM 14)	Adhered to steel, no shrinkage in cross direction, in length 0,2 mm max.
Temperature resistance***	Adhered to aluminium, -40° C to +90° 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
Fire behaviour	Adhered to steel, self-extinguishing
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	20 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	7 years
Under vertical outdoor exposure (normal climate of Central Europe)	

* 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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