

Description

Cast PVC film with outstanding dimensional stability and optimum application characteristics. Colours white and transparent, with a 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 use in high quality screen printing for lettering, marking and decoration, which have the highest requirements for durability and solidity.

Printing Method

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

Technical Data

Thickness* (without protective paper and adhesive)	60 micron
Dimensional stability (FINAT TM 14)	Adhered to steel, no measurable shrinkage in cross direction, in length 0,1 mm max.
Temperature resistance	adhered to aluminium, -50°C to +110° 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, resistant to most oils and greases, fuels, aliphatic solvents, weak acids 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. 120% Across: min. 120%
Shelf life**	2 years
Application temperature	> +8° C
Service life by specialist application under vertical outdoor exposure (standard central European climate)	10 years

* 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 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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The durability of the end product depends upon a variety of factors, including but not limited to substrate selection and preparation, compliance with the recommended application guidelines, geographical area, exposure conditions and maintenance of the ORAFOL material and of the end product. Product defects caused by the substrate or improper surface preparation do not lie within ORAFOL's sphere of responsibility.

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