

Description

Metallised or white glossy top-coated polyester film with excellent dimensional stability and good long-term ageing properties. The metallised polyester film is available in "chrome" and "chrome brushed".

Release Paper

Polyester film, siliconised on one side, 100 micron.

Adhesive

Modified solvent polyacrylate, permanent

Area of use

For first class decorative labels, e.g. name and technical plates as well as doming applications. Suitable for application onto apolar and structured substrates.

Printing Method

Screen printing and UV offset printing are recommended.

Technical Data

Thickness* (without protective paper and adhesive)	50 micron	
Dimensional stability (FINAT TM 14)	Adhered to steel, no measurable shrinkage in cross direction, in length 0,2 mm max.	
Temperature resistance**	Alternate temperature ageing (applied onto aluminium): 60 h = 5 cycles over 12h each, divided into 2h at 20° C + 1h cooling time + 2h at -30° C + 1h heating time + 2h at 20° C + 1h heating time + 2h at 110° C + 1hr cooling time, no visible surface variation	
Sea water resistance (DIN 50021)	Adhered to aluminium, after 100h/23° C, no variation	
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	Stainless steel	HDPE
	After 1 min.: >23 N/25 mm	>8 N/25 mm
	After 24h: >25 N/25 mm	>10 N/25 mm
Tensile strength (DIN EN ISO 527)	Along: min. 200 MPa	
	Across: min. 260 MPa	
Elongation at break (DIN EN ISO 527)	Along: min. 125%	
	Across: min. 80%	
Shelf life**	2 years	
Application temperature	> +8° C	
Service life by specialist application	2 years	
Under vertical outdoor exposure (normal climate of Central Europe)		

* 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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