

Description

Metallised glossy top-coated polyester film with excellent dimensional stability and good long-term ageing properties. The surface has a special lacquer top coat. Available in chrome and chrome brushed.

Release Paper

Polyester film, siliconised on one side, 100 µm.

Adhesive

Modified solvent polyacrylate, permanent, high initial tack

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

Digital printing with solvent based inks, UV- or Latex inks.

Note: When printing with Latex inks a maximum temperature of 100° C should not be exceeded.

For lamination we recommend polyester versions of the ORAGUARD® series. The lamination will not have any impact on the durability, but will merely be a protection of the print.

No lamination is necessary for doming applications.

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.						
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	<table><tr><td>Stainless steel</td><td>HDPE</td></tr><tr><td>After 1 min.: >23 N/25 mm</td><td>>8 N/25 mm</td></tr><tr><td>After 24h: >25 N/25 mm</td><td>>10 N/25 mm</td></tr></table>	Stainless steel	HDPE	After 1 min.: >23 N/25 mm	>8 N/25 mm	After 24h: >25 N/25 mm	>10 N/25 mm
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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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