

Description

Metallised polyester film with excellent dimensional stability and good durability. Special print lacquer top coating. Available in chrome and double sided gold.

Release Paper

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

Adhesive

Solvent polyacrylate, permanent

Area of use

For production of high quality labels, name tags, technical identification labels, moldings and safety labels.

Printing Method

Inkjet 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.

Technical Data

Thickness* (without paper and adhesive)	50 micron
Dimensional stability (FINAT TM 14)	Adhered to steel shrinkage, no shrinkage in cross direction, in length 0,1 mm max.
Temperature resistance	Adhered to aluminium, -40° C to +120° C, no variation
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	12 N/25 mm
Tensile strength (DIN EN ISO 527)	Along: > 200 MPa Across: > 260 MPa
Elongation at break (DIN EN ISO 527)	Along: > 125% Across: > 80%
Shelf life**	2 years
Minimum application temperature	>+8° C
Service life by specialist application Under vertical outdoor exposure (normal climate of Central Europe)	2 years, gold 1 year (unprinted)

* average ** in original packaging, at 20° C and 50% relative humidity *** normal climate of Central Europe

Note

After printing, the ink must be allowed to thoroughly dry, in order to avoid any issues when later combined with the laminate. 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.

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