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Polyester Film

Description

Metallized polyester film with excellent dimensional stability and good long- term ageing properties. Specially designed for use on computer-cut equipment, surface with top-coat for printing. Available in the colours chrome, matt chrome, chrome brushed and double-sided glossy gold.

Release paper

Silicone coated paper on one side, 137 g/m², which provides excellent waste-stripping properties.

Adhesive

Solvent polyacrylate, permanent

Area of use

For first class, decorative labels, name and technical plates, decoration and moldings, safety stickers as well as cut lettering and symbols. Suitable for screen-printing and UV-offset-printing.

Technical Data

Thickness* (without protective paper and adhesive)	23 micron (chrome, matt chrome, double-sided glossy gold) 50 micron (chrome brushed)
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 +120°C, no variation
Sea water resistance (DIN 50021)	adhered to aluminium, after 100 h/23°C no variation
Resistance to cleaning agents	adhered to aluminium, 8h in suds (0.5% household cleaner at room temperature and at 65°C), no variation
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	12 N/25 mm
Tensile strength (DIN EN ISO 527)	along: min. 200 MPa across: min. 300 MPa
Elongation at break (DIN EN ISO 527)	along: min. 120% across: min. 85%
Shelf life**	2 years
Application temperature	> +8°C
Service life by specialist application under vertical outdoor exposure (normal climate of Central Europe)	2 years, glossy gold 1 year

* 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 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 respectively. 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 is to be considered. The batch traceability according to ISO 9001 is possible on the basis of the roll number.

The statements in this information sheet are based upon our knowledge and practical experience. This data is intended only as a source of information and is given without guarantee and does not constitute a warranty. Due to the wide variety of possible uses and applications customers should independently determine the suitability of this material for their specific purpose, prior to use.

