

Description

Premium PVC-free and plasticizer-free high performance laminating film, transparent with glossy surface and highest level of UV protection.

Release material

Polyester film, siliconised on one side, 36 micron

Adhesive

Solvent polyacrylate, permanent

Area of use

For protection of digitally printed large format images in indoor and outdoor graphic applications. Especially recommended in combination with the PVC-free and plasticizer-free digital printing film ORAJET® 3981 RA.

Technical Data

Thickness* (without protective paper and adhesive)	50 micron
Dimensional stability (FINAT TM 14)	adhered to steel shrinkage 0.1 mm max.
Temperature resistance***	adhered to aluminium, -50°C to +100°C, no variation
Sea water resistance (DIN 50021)	adhered to aluminium, after 100 h/23°C no variation
Resistance to solvents and chemicals	at room temperature, 72h after adhesion to aluminium, short-term resistant to most oils and greases, fuels, aliphatic solvents, weak acids, salts and alkalis
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	12 N/25 mm
Tensile strength (DIN EN ISO 527)	along: min. 25 MPa across: min. 25 MPa
Elongation at break (DIN EN ISO 527)	along: min. 150% across: min. 150%
Shelf life**	2 years
Application temperature	> +8°C
Service life by specialist application under vertical outdoor exposure (normal climate of Central Europe)	10 years

* average

** in original packaging, at 20°C and 50% relative humidity

*** normal climate of Central Europe

Note

Due to the diversity of prints and printing techniques the user should test the suitability of the ORAGUARD® laminating film for the specific print prior to use. 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.

