

Description

Premium Cast transparent PVC film, with a glossy surface and the highest level of UV protection.

Release Paper

Polyester film, siliconised on one side, 36 micron

Adhesive

Solvent polyacrylate, permanent

Area of use

For the protection of digitally printed large format pictures in indoor and outdoor applications. ORAGUARD® 290F is recommended for vehicle lettering or car wrapping and should be used in combination with the corresponding ORAFOL digital printing film.

Technical Data

Thickness* (without protective paper and adhesive)	50 micron
Dimensional stability (FINAT TM 14)	Adhered to steel, shrinkage 0,2 mm max.
Temperature resistance	Adhered to aluminium, -50° C to +110° 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 resistance 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. 19 MPa Across: min. 19 MPa
Elongation at break (DIN EN ISO 527)	Along: min. 120% Across: min. 120%
Shelf life**	2 years
Application temperature	> +8° C
Service life by specialist application under vertical outdoor exposure (normal climate of central Europe climate)	8 years

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

Note

Due to the diversity of prints and printing techniques, the user should test the suitability of ORAGUARD® laminating films for the specific print purpose, prior to use. Furthermore the application information published by ORAFOL must be followed.

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