

## Description

Premium high performance polyurethane laminating film. Transparent with a glossy surface and the highest level of UV protection. The film exhibits a self-healing surface. That means light scratches on the surface (e.g. originating from squeegees, cleaning brushes) can be removed easily by applying heat (e.g. solar radiation, heat gun).

## 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 images in indoor and outdoor graphic applications. Especially recommended in combination with the polyurethane digital printing film, ORAJET® 3981RA.

## Technical Data

<b>Thickness*</b> (without protective paper and adhesive)	50 micron
<b>Dimensional stability</b> (FINAT TM 14)	Adhered to steel shrinkage 0,1 mm max.
<b>Temperature resistance***</b>	Adhered to aluminium, -50° C to +100° C, no variation
<b>Sea water resistance</b> (DIN EN ISO 9227)	Adhered to aluminium, after 100h/35° C, no variation
<b>Resistance to solvents and chemicals</b>	At room temperature, 72h after adhesion to aluminium, short-term resistance to most oils and greases, fuels, aliphatic solvents, weak acids, salts and alkalis
<b>Adhesive power*</b> (FINAT TM 1, after 24h, stainless steel)	12 N/25 mm
<b>Tensile strength</b> (DIN EN ISO 527)	Along: min. 25 MPa Across: min. 25 MPa
<b>Elongation at break</b> (DIN EN ISO 527)	Along: min. 150% Across: min. 150%
<b>Shelf life**</b>	2 years
<b>Application temperature</b>	> +8° C
<b>Service life by specialist application</b> under vertical outdoor exposure (standard central European climate)	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 ORAGUARD® laminating films for the specific print purpose, prior to use. Furthermore the application information published by ORAFOL must be followed.

## IMPORTANT NOTICE

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