

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

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| 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 EN ISO 9227) | Adhered to aluminium, after 100h/35° 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. 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 (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.

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