

Description

Highly transparent special ethylene tetrafluoroethylene film (ETFE), glossy, with an excellent outstanding anti-graffiti effect and excellent dimensional stability. Using a suitable cleaning solvent, graffiti can be removed quickly and without damaging the film surface. In some cases a cleaning solvent is not even needed.

Release Paper

Polyester film, one side siliconised, 75 micron

Adhesive

Solvent polyacrylate, permanent

Area of use

Excellent protection against graffiti and environmental influences in indoor and outdoor applications (Anti-Graffiti Film) on even and slightly curved surfaces. If several film sheets are applied, these should not be applied with an overlap.

Technical Data

Thickness ⁽¹⁾ (without protective paper and adhesive)	70 micron
Dimensional stability ⁽¹⁾ (FINAT TM 14)	Adhered to aluminium, shrinkage 0,3 mm max.
Temperature resistance ⁽²⁾	Adhered to aluminium, -50 °C to +90 °C, no variation
Resistance to solvents and chemicals	At room temperature, 72h after adhesion to aluminium, resistant to water, cleaning agents, alcohol and aliphatic solvents; no variation with short-term exposure to ketones and esters
Adhesive power ⁽¹⁾ (FINAT TM 1, after 24h, stainless steel)	12 N/25 mm
Tensile strength ⁽¹⁾ (DIN EN ISO 527)	Along: > 15 MPa Across: > 15 MPa
Elongation at break ⁽¹⁾ (DIN EN ISO 527)	Along: > 70% Across: > 70%
Shelf life ⁽³⁾	2 years
Application temperature	> +8 °C
Maximum service life by specialist application and proper care and usage	
Applies for vertical outdoor exposure. ⁽⁴⁾	
On printed films (solvent and latex prints)	10 years
On coloured films	7 years
On metallic films	5 years
On lacquered surfaces	10 years
On stainless steel	4 years

⁽¹⁾ average ⁽²⁾ short-time exposure ⁽³⁾ in original packaging, at 20° C and 50% relative humidity ⁽⁴⁾ 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.

Surfaces to which the material will be applied must be thoroughly cleaned and free from dust, grease or any other contamination that 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. 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 must be considered. To remove graffiti it is sufficient in many cases to use isopropanol or alcohol. If alcohol is applied a final cleaning with isopropanol is recommended. The batch traceability according to ISO 9001 is possible on the basis of the roll number.

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