ORAGUARD® 290F

Laminating Film

Short description

Transparent, premium cast PVC protection film with glossy surface and highest UV protection.

Front material

Cast PVC film, cast film, 0.05 mm

Liner

PET film, single-side silicone coated, 0.036 mm

Adhesive

Solvent-polyacrylate, permanent, Transparent, 0.028 mm

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate 8 Year(s)	
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Resistance to solvents and chemicals	Water, Weak acids, Salts and alkalis, Isopropyl alcohol, Washing suds (0.5 % household cleaner)	At room temperature
Maximum shrinkage	Maximum shrinkage along 0.1 mm Maximum shrinkage across 0.1 mm	| FINAT TM 14 FINAT TM 14, bonded to steel, no measurable shrinkage in transverse direction
Elongation at break	Minimum elongation at break along 120 % Minimum elongation at break across 120 %	DIN EN ISO 527
Tensile strength	Minimum tensile strength along 19 N/mm^2 Minimum tensile strength across 19 N/mm^2	DIN EN ISO 527
Seawater resistance	no change	after 100h/35°C | adhered to aluminum, DIN EN ISO 9227

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Temperature resistance	Minimum temperature -40 °C Maximum temperature 80 °C	Short-term exposure up to 80 °C |

ADHESIVE PROPERTIES

Adhesive power	12 N/25 mm	after 24 h, on stainless steel | FINAT TM 1, average value

PROCESSING

Application temperature	Minimum temperature 10 °C	

PRODUCT NOTE

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. We recommend wet application of the film.

IMPORTANT NOTES

All ORAGUARD® products are subject to careful quality control during the entire manufacturing process. It is guaranteed that the products are delivered in merchantable quality and free of manufacturing defects. The traceability of our goods in accordance with ISO 9001 is ensured by means of the roll number. The information published on ORAGUARD® products is based on research results which the company believes to be reliable, but which do not constitute a guarantee. Due to the wide variety of uses of ORAGUARD® products and the continuing development of new applications, it is the responsibility of the purchaser to carefully evaluate the suitability and performance of the product for its intended use. Furthermore, the processing instructions issued by ORAFOL must be observed. The purchaser bears all risks arising from the use of these products. All information is subject to change without notice.

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