ORAGUARD® PPF285F

Paint Protection Film

Short description

Polyurethane film, highly transparent, glossy with excellent UV resistance, extreme tear resistance and self-healing surface. This means smaller, superficial scratches (e.g. of squeegees, cleaning brushes) can be reliably removed through the exposure to heat (solar radiation, hot air dryer, etc.).

Front material

Polyurethane film, 0.05 mm

Liner

PET film, single-side silicone coated, 0.036 mm

Adhesive

Solvent-polyacrylate, permanent, Transparent, 0.04 mm

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate 5 Year(s)	
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Resistance to solvents and chemicals	Oils, Greases, Fuels, Weak acids, Salts and alkalis, Washing suds (0.5 % household cleaner)	At room temperature
Maximum shrinkage	Maximum shrinkage along 0.2 mm Maximum shrinkage across 0.2 mm	Bonded to steel | FINAT TM 14
Elongation at break	Minimum elongation at break along 300 % Minimum elongation at break across 300 %	DIN EN ISO 527

ORAFOL Europe GmbH
Orafolstrasse 1
D-16515 Oranienburg
Germany

Tel: +49 (0)3301 864-0
functional.films@orafol.de
www.orafol.com

ORAGUARD® PPF285F

Paint Protection Film

Tensile strength	Minimum tensile strength along 34 N/mm² Minimum tensile strength across 34 N/mm²	DIN EN ISO 527
Seawater resistance	no change	after 100h/35°C | adhered to aluminum, DIN EN ISO 9227
Temperature resistance	Minimum temperature -40 °C Maximum temperature 100 °C	

ADHESIVE PROPERTIES

Adhesive power	18 N/25 mm	after 24 h, on stainless steel, average value | FINAT TM 1

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.

ORAFOL Europe GmbH
Orafolstrasse 1
D-16515 Oranienburg
Germany

Tel: +49 (0)3301 864-0
functional.films@orafol.de
www.orafol.com