# ORAGUARD® 244G

**Anti-Graffiti Film**



## Short description

Highly transparent special film with ethylene tetrafluoroethylene surface (ETFE), glossy, with excellent anti-graffiti effect and excellent form stability. Graffiti can be removed dry or rapidly with suitable solvents, without damaging the film surface.

## Front material

Special ETFE film, 0.07 mm

## Liner

PET film, single-side silicone coated, 0.075 mm

## Adhesive

Solvent-polyacrylate, permanent, Transparent, 0.02 mm

## Technical properties

**RESISTANCE**

| | | |
|---|---|---|
| Durability | with vertical outdoor exposure, normal Central European climate | |
| | 10 Year(s) | On printed films (solvent or latex print) |
| | 7 Year(s) | On colour films |
| | 5 Year(s) | On metallic films |
| | 10 Year(s) | On varnished surfaces |
| | 4 Year(s) | On stainless steel |
| 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 0.3 mm<br>Maximum shrinkage across 0.3 mm | adhered on aluminium \| FINAT TM 14, average value |
| Elongation at break | Minimum elongation at break along 70 %<br>Minimum elongation at break across 70 % | DIN EN ISO 527 |

**ORAFOL Europe GmbH**
Orafolstrasse 1
D-16515 Oranienburg
Germany

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

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| | | |
|---|---|---|
| Tensile strength | Minimum tensile strength along 15 N/mm²<br>Minimum tensile strength across 15 N/mm² | DIN EN ISO 527 |
| Temperature resistance | Minimum temperature -40 °C<br>Maximum temperature 100 °C | |

**ADHESIVE PROPERTIES**

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

**PROCESSING**

| | | |
|---|---|---|
| Application temperature | Minimum temperature 10 °C | |

## PRODUCT 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. The substrate to be covered must be free of dust, grease or other contaminants that could impair the adhesive strength of the material. New coatings must be dried or fully cured for at least three weeks. Application tests must be carried out with the intended paints to determine compatibility.

## 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. Because of 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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