# ORAJET® XP3971RA+

**ProSlide™ Premium Digital Printing Cast**



## Short description

The cast premium polyurethane film is available in white with a glossy finish and stands out for its high quality and versatility. Thanks to ProSlide™ technology, it can be repositioned with ease, while RapidAir® technology enables quick, simple, and—most importantly—without air inclusion application. This allows projects—especially large-format designs—to be completed significantly faster.
The PVC-free film was specially developed for long-term outdoor advertising and offers maximum brilliance and excellent durability. It is ideal for applications such as full vehicle wraps. It is also suitable for both solvent-based and latex digital printing processes and can subsequently be easily applied to highly pronounced 3D structures. We particularly recommend combining it with the ORAGUARD® XP279 polyurethane laminating film.

## Front material

Polyurethane film, cast film, 0.05 mm

## Liner

PE-coated RapidAir and ProSlide paper on both sides, siliconised on one side, 148 g/m²

## Adhesive

Solvent-polyacrylate, permanent, Grey, repositionable, 0.03 mm

## Technical properties

**RESISTANCE**

| | | |
|---|---|---|
| Durability | under vertical outdoor weathering conditions, typical Central European climate | |
| | 12 Year(s) | unprinted |
| | 1 Year(s) | printed |
| | 7 Year(s) | printed and laminated with ORAGUARD® XP279 |
| Shelf Life | 2 Year(s) | in original packaging, at 20 °C and 50% relative humidity |
| Maximum shrinkage | Maximum shrinkage along 0.2 mm<br>Maximum shrinkage across 0.2 mm | Adhered to aluminum \| FINAT TM 14, average value |
| Elongation at break | Minimum elongation at break along 150 %<br>Minimum elongation at break across 150 % | DIN EN ISO 527 |

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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** | 10 N/25 mm | after 24 hours, stainless steel \| FINAT TM 1, average value |

**PROCESSING**

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

## PRODUCT NOTE

After printing, ensure that the ink dries thoroughly so as not to compromise the subsequent bond with the laminate. The surface to be laminated must be free of dust, grease, or other contaminants that could impair the adhesive strength of the material. New paint coatings must have dried or fully cured for at least three weeks. Application tests with the intended coatings must be conducted to determine compatibility.

## IMPORTANT NOTES

All ORAJET® products are subject to rigorous quality control throughout the entire manufacturing process. We guarantee that the products are supplied in standard commercial quality and free from manufacturing defects. The traceability of our goods in accordance with ISO 9001 is ensured by the roll number. The information published regarding ORAJET® products is based on research findings which the company considers reliable, but does not constitute a guarantee. Due to the wide range of possible applications for ORAJET® products and the ongoing development of new applications, it is the buyer's responsibility to thoroughly verify the suitability and performance of the product for the 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. ORAJET® is a registered trademark of ORAFOL Europe GmbH.

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