

Description

Premium Cast PU film, available in white with a glossy (G) surface.

Series	Front material	Adhesive
3971GRA+	weiß (G)	Solvent polyacrylate, repositionable with permanent final adhesion, grey

For long-term outdoor displays with the highest degree of brilliancy and durability e.g. for complete car wrapping. The *RapidAir*® structure of the adhesive enables a bubble-free application - entrapped air can be easily removed by simply smoothing it out under the film. The new *ProSlide*™ technology enables an easy and quick application due to its improved repositionability. Projects can be realized in a shorter time, especially large-sized graphics or decals.

Recommended printing methods: Inkjet printing with solvent-based inks or latex inks.

Recommended overlaminates: ORAGUARD® 279G or 279SG

Technical Data

Thickness ⁽¹⁾	Front material	0,050 mm
	Front material + Adhesive	0,080 mm
Adhesive	Solvent polyacrylate, repositionable with permanent final adhesion, grey	
Release paper	Double sided PE coated <i>RapidAir</i> ® and <i>ProSlide</i> ™ paper, one side siliconised, 158 g/m ²	
Adhesive power ⁽¹⁾ (FINAT TM 1, after 24 h, stainless steel)	10 N/25 mm	
Dimensional stability (FINAT TM 14, aluminium, 70 °C, after 1 week)	max. 0,2 mm	
Tensile strength (DIN EN ISO 527)	Along:	> 15 MPa
	Across:	> 15 MPa
Elongation (DIN EN ISO 527)	Along:	> 150%
	Across:	> 150%
Temperature resistance ⁽²⁾	Adhered to aluminium, -50 °C bis +100 °C, no variation	
Shelf life ⁽³⁾	2 years	
Application temperature	> +8 °C	
Maximum service life ⁽⁴⁾ by specialist application and with proper maintenance and care.	unprinted	10 years
	printed	1 year
	printed and laminated with ORAGUARD® 279G/SG	6 years

⁽¹⁾ average ⁽²⁾ short-time exposure ⁽³⁾ in original packaging, at 20 °C and 50% relative humidity ⁽⁴⁾ Applies for vertical outdoor exposure and normal climate of central Europe. The actual and expected service life is determined by the environmental conditions, as well as pre-treatment of the substrate and regular maintenance. For more information, please visit: www.orafol.com/gp/europe/en/support

Note

The above information is based on our present knowledge and practical experience. The information is given without any guarantee or agreement with regards to the quality or properties of the material. It does not constitute a warranty of any certain quality, properties and/or service life concerning the ORAFOL® films.

After printing, the ink must be allowed to dry thoroughly in order to avoid any issues when later combined with the laminate. Surfaces to which the material will be applied must be thoroughly cleaned and free from dust, grease or any contamination which 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 the selected lacquers and paints should be tested by the user prior to the application of the material.

Please note that by nature films are more sensitive than lacquers. Therefore, films must be treated and maintained with the greatest care. For application of ORAFOL® films (wrapping and removal) as well as for maintenance and use, please refer to our documents Processing Guidelines and Maintenance and Usage Terms. If our guidelines are not followed please be advised that in particular the maximum service life information, stated as based on our experience, does not apply. If the Processing Guidelines and Maintenance and Usage Terms are not complied with, any warranty and liability is excluded.

The batch traceability according to ISO 9001 is possible on the basis of the roll number.

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