

### Description

Cast PVC film, available in white with a glossy surface

### Release Paper

Double sided PE coated paper, one side siliconised, 145 g/m<sup>2</sup>

### Adhesive

Solvent polyacrylate, permanent, grey

### Area of use

For brilliant and colourful short-term outdoor advertising. Can be applied to flat or simple curved unsealed textured surfaces, such as brick, concrete block and poured concrete. Through the use of heat, the film can also be applied to structured surfaces and into gaps. Especially recommended for use in combination with ORAGUARD® 290 laminating film. The applied material is easy to remove by heating slightly.

### Printing Method

Inkjet printing with solvent-based inks, UV- or latex inks.

### Technical Data

<b>Thickness</b> <sup>(1)</sup> (without paper and adhesive)	55 micron
<b>Dimensional stability</b> <sup>(1)</sup> (FINAT TM 14)	Adhered to steel, max. 0,4 mm shrinkage
<b>Temperature resistance</b> <sup>(2)</sup>	Adhered to aluminium, -50° C to +100° C, no variation
<b>Sea water resistance</b> (DIN 50021)	Adhered to aluminium, after 100h/23° C, no variation
<b>Adhesive power</b> <sup>(1)</sup> (FINAT TM 1, after 24h, stainless steel)	30 N/25 mm
<b>Tensile strength</b> <sup>(1)</sup> (DIN EN ISO 527)	Along: > 19 MPa Across: > 19 MPa
<b>Elongation at break</b> <sup>(1)</sup> (DIN EN ISO 527)	Along: > 120% Across: > 120%
<b>Shelf life</b> <sup>(3)</sup>	2 years
<b>Application temperature</b>	>+10° C
<b>Maximum service life</b> <sup>(4)</sup> by specialist application and with proper maintenance and care.	10 years <sup>(5)</sup> (not printed)

<sup>(1)</sup> average <sup>(2)</sup> short-time exposure <sup>(3)</sup> in original packaging, at 20 °C and 50% relative humidity <sup>(4)</sup> Applies for vertical outdoor exposure 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](http://www.orafol.com/gp/europe/en/support)  
<sup>(5)</sup> Experience has shown that when graphics that have been applied to bricks are removed, a difference in colour of the substrate between the covered and uncovered part occurs after approx. one year. This difference results from the fading of the bricks, whereby the covered part is protected from sunlight. For short-term applications it is therefore recommended to remove the film before the end of a year.

**Note**

The above information is based upon 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® colour films.

After printing, the ink must be allowed to thoroughly dry, 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® colour 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.

Please contact a professional advertising engineer, your distributor or ORAFOL's customer support ([graphic.innovations@orafol.de](mailto:graphic.innovations@orafol.de)) if you have further questions

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

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