

### Description

High performance cast PVC film with excellent adhesion properties on difficult substrates. Available in white, black, silver grey and yellow, with a glossy surface (more colours on request). The *RapidAir*® technology enables easy and quick application, without air inclusion, especially in large scale applications. Entrapped air can be easily removed by smoothing it out under the film.

### Release Paper

Double sided PE coated *RapidAir*® paper, one side siliconised, 143 g/m<sup>2</sup>, which provides good weeding properties.

### Adhesive

Modified solvent polyacrylate, permanent, with aggressive initial tack and high final adhesion.

### Area of use

For special decorations on challenging surfaces (uneven, porous, or textured, e.g. hammer finish varnish) of caravans and trailers. Especially recommended for applications on low energy plastics (polyethylene, polypropylene), that require high resistance on long term. Ideal adjustment on surface structure. Suitable for thermal transfer printing (with resin ribbons).

### Technical Data

<b>Thickness</b> <sup>(1)</sup> (without paper and adhesive)	55 micron
<b>Dimensional stability</b> (FINAT TM 14)	Adhered to steel, shrinkage max. 0.2 mm
<b>Temperature resistance</b> <sup>(2)</sup>	Adhered to aluminium, -50° C to +120° C, no variation
<b>Sea water resistance</b> (DIN EN ISO 9227)	Adhered to aluminium, after 100h/35° C, no variation
<b>Resistance to solvents and chemicals</b>	At room temperature, 72h after adhesion to aluminium, short-term resistance to most oils and greases, fuels, aliphatic solvents, weak acids, salts and alkalis
<b>Adhesive power</b> <sup>(1)</sup> (FINAT TM 1, after 24h, stainless steel)	> 20 N/25 mm
<b>Tensile strength</b> <sup>(1)</sup> (DIN EN ISO 527)	Along: > 21 MPa (metallic: 19 MPa) Across: > 21 MPa (metallic: 19 MPa)
<b>Elongation at break</b> <sup>(1)</sup> (DIN EN ISO 527)	Along: > 150% (metallic: 120%) Across: > 150% (metallic: 120%)
<b>Shelf life</b> <sup>(3)</sup>	2 years
<b>Application temperature</b>	> +4° C
<b>Maximum service life by specialist application and proper care and usage</b> Applies for vertical outdoor exposure <sup>(4)</sup> and normal climate of Central Europe. Please follow the additional notes at the end of this data sheet. Further information is available here: <a href="http://www.orafol.com/gp/europe/en/support">www.orafol.com/gp/europe/en/support</a>	Black / white: 10 years Coloured: 8 years Metallic: silver grey 6 years

<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> normal climate of Central Europe

**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.

For application of the ORAFOL colour films (wrapping and removal) as well as for maintenance and use, refer to our documents 'Processing Guidelines' and 'Maintenance and Usage Terms' (both documents are available for pdf download: [www.orafol.com/gp/europe/en/support](http://www.orafol.com/gp/europe/en/support)). 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. Further information about the expected maximum service life is found in the Processing Guidelines (see no. 2 there). If the Processing Guidelines and Maintenance and Usage Terms are not complied with, any warranty and liability is excluded.

Please contact a professional workshop or ORAFOL's customer support if you have further questions.

The batch traceability according to ISO 9001 is done on the base of the roll number.

**IMPORTANT NOTICE**

All ORACAL® products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects. Published information concerning ORACAL® products is based upon research which the Company believes to be reliable although such information does not constitute a warranty. Because of the variety of uses of ORACAL® products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. All specifications are subject to change without prior notice.

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