

## Description

Polypropylene film, available in white and transparent with a glossy surface. It is coated for improved printability.

## Release Paper

Silicone coated paper on one side, 135 g/m<sup>2</sup>

## Adhesive

Polyacrylate, removable

## Area of use

For short-term outdoor markings, inscriptions and decorations. Indoor exposure is almost unlimited.

## Printing Method

Screen printing and UV-offset printing are recommended. Special inks are necessary. Please ask your ink manufacturer for suitable print inks.

## Certificates

Fire behavior (DIN EN 13501-1): B-s1, d2 (flame resistant, no/little smoke production, heavy droplets/particles). Only valid for application on metallic substrates with a melting point of  $\geq 500^{\circ}\text{C}$  and a density of  $\geq 1987,5\text{ kg/m}^3$ .

## Technical Data

<b>Thickness</b> <sup>(1)</sup> (without paper and adhesive)	90 micron
<b>Dimensional stability</b> <sup>(1)</sup> (FINAT TM 14)	Adhered to steel, no measurable shrinkage in cross direction, in length 0,4 mm max.
<b>Temperature resistance</b> <sup>(2)</sup>	Adhered to aluminium, -40° C to +70° C, no variation
<b>Water resistance</b>	Adhered to aluminium, after 48h/23° C no variation
<b>Adhesive power</b> <sup>(1)</sup> (FINAT TM 1, after 24h, stainless steel)	2 N/25 mm
<b>Tensile strength</b> <sup>(1)</sup> (DIN EN ISO 527)	Along: > 38 MPa Across: > 38 MPa
<b>Elongation at break</b> <sup>(1)</sup> (DIN EN ISO 527)	Along: > 130% (transparent), > 110% (white) Across: > 180% (transparent), > 120% (white)
<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.	2 years (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)

**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 dry thoroughly. 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.

**IMPORTANT NOTICE**

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