

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).

Release Paper

Double sided PE coated paper, one side siliconised, 143 g/m², which provides good weeding properties. For white vinyl, a light blue silicone coated paper is used, to form a stronger contrast to lettering.

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

Thickness* (without paper and adhesive)	55 micron	
Dimensional stability (FINAT TM 14)	Adhered to steel, shrinkage max. 0.2 mm	
Temperature resistance***	Adhered to aluminium, -50° C to +120° C, no variation	
Sea water resistance (DIN EN ISO 9227)	Adhered to aluminium, after 100h/35° C, no variation	
Resistance to solvents and chemicals	At room temperature, 72h after adhesion to aluminium, short-term resistance to most oils and greases, fuels, aliphatic solvents, weak acids, salts and alkalis	
Adhesive power (FINAT TM 1, after 24h, stainless steel)	> 30 N/25 mm	
Tensile strength (DIN EN ISO 527)	Along: > 21 MPa (metallic: 19 MPa) Across: > 21 MPa (metallic: 19 MPa)	
Elongation at break (DIN EN ISO 527)	Along: > 150% (metallic: 120%) Across: > 150% (metallic: 120%)	
Shelf life**	2 year	
Application temperature	> +4° C	
Maximum service life by specialist application and proper care and usage	Black / white:	10 years
	Coloured:	8 years
	Metallic: silver grey	6 years
Applies for vertical outdoor exposure and normal climate of Central Europe. Please follow the additional notes at the end of this data sheet. Further information is available here: www.orafol.com/gp/europe/en/support		

* average ** in original packaging, at 20° C and 50% relative humidity *** 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). 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.

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