

Description

Multilayer high-performance PVC cast using optimised technology, specially developed for plotter applications with optimum cutting and processing properties. The film has a high-gloss surface. The special adhesive also allows bonding to painted, uneven and curved surfaces. The applied material is easy to remove with the appropriate equipment.

Covering material

One-sided coated siliconised paper, 137 g/m², ensuring easy removal of the waste grid.

Adhesive

Solvent polyacrylate, semi-permanent

Technical Data

Thickness* (without paper and adhesive)	100 micron
Dimensional stability (FINAT TM 14)	Adhered to steel shrinkage 0,2 mm max.
Temperature resistance** and ****	Adhered to aluminium, -50° C to +120° C, no variation
Resistance to solvents/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
Resistance to high pressure cleaners	Passed (Orafol standard: 1)
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	11 N/25 mm
Tensile strength (DIN EN ISO 527)	Along: min. 21 MPa Across: min. 21 MPa
Elongation at break (DIN EN ISO 527)	Along: min. 150% Across: min. 150%
Shelf life***	1 year
Application temperature	min. +15° C
Maximum service life***** when applied by a specialist, and with the proper maintenance and care applies to vertical outdoor weathering and central European climate. Please note the supplementary notes at the end of this data sheet. Further information can be found at: www.orafol.com/gp/europe/de/support	Coloured 6 years

* average **short-term exposure *** in original packaging, at 20° C and 50% relative humidity **** normal Central European climate ***** maximum service life when applied by a specialist, and with the proper maintenance and care. Vertical outdoor weathering and central European climate. 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

Important to 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.

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' (both documents are available in pdf format to 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.

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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