

Product description

Double-layer nanotechnology film for application to the inside of vehicle windshields. The heat reflection of this product is higher than for conventional window films. ORACAL® WS 70 is especially suitable for vehicle windshields due to its low dazzle effect.

Technical data

Thickness ⁽¹⁾ (without liner and adhesive)	0,038 mm
Adhesive	Solvent-based polyacrylate, permanent
Release liner	Polyester, silicone-coated on one side
Shelf life ⁽²⁾	2 years
Application temperature	> +10 °C
Proposed application technique	Wet application process
Maximum service life ⁽³⁾ with specialist application and proper maintenance and use	7 years

⁽¹⁾ Average ⁽²⁾ Store upright in original packaging (with side holders) at 20 °C and 50% rel. humidity ⁽³⁾ Applies for interior application.
For more information, please visit: <https://www.orafol.com/de/europe/support>

Sun protection properties

	ORACAL® WS 70
Transmission (visible light)	75.2%
Reflection (visible light)	8.0%
Solar energy transmitted	35.7%
Solar energy reflected	14.0%
Solar energy absorbed	50.0%
IR rejection	86.7%
UV rejection	99%
TSER*	51.2%
Glare reduction	91.9%

* Total Solar Energy Rejection.

Note

The above information is based solely on our current knowledge and experience. It represents neither agreed properties nor a guarantee of any specific characteristics or properties nor a warranty of durability for our ORAFOL® films.

During the application (wrapping and removal), maintenance and use of ORAFOL® films, please refer to our latest processing guidelines and our maintenance and usage terms. Our experience has shown that the maximum service life in particular cannot be achieved if our guidelines are not observed. If the processing guidelines and the maintenance and usage terms are violated, any warranty and liability is void.

Please contact an experienced professional workshop, your vendor or our customer support (graphic.innovations@orafol.de) if you have any further questions.

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

IMPORTANT NOTICE

All ORACAL® products are subjected to meticulous quality testing throughout the entire production process, and are guaranteed to be supplied in customary commercial quality and without production defects. Published information concerning ORACAL® products is based on research which the company believes to be reliable, although such information does not constitute a warranty. Because ORALITE® products can be used in a multitude of ways, and because new applications continue to be developed constantly, purchasers should examine carefully whether the product is suitable for the respectively intended use and assume all responsibility for any risk arising from said use. The purchaser shall assume all risks that arise from the use of these products. All specifications are subject to change without prior notice.

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