ORACAL® 970RA+ PROSLIDE™

Premium Wrapping Cast

Short description

Multi-layered, high performance PVC film cast according to optimized technology that has been developed for vehicle wrapping without additional lamination. High-gloss surface as well as many colours also available in matt. The RapidAir structure of the adhesive enables simple and blister-free adhesion. Air pockets can be easily smoothed out from under the film. The ProSlide Technology (RA+ ProSlide) makes attachment quick and easy thanks to the improved ability to reposition the new product. This way projects can be realised in even less time. ORACAL® 970RA+ ProSlide is particularly suitable for the adhesion on painted substrates, even on uneven and curved surfaces as well as in beads. In adhered state the material can be removed with suitable aids.

Front material

Cast PVC film, cast film, 0.11 mm

Liner

PE-coated RapidAir and ProSlide paper on both sides, siliconised on one side, 158 g/m²

Adhesive

Solvent-polyacrylate, permanent, Transparent, repositionable, 0.03 mm

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate	
	12 Year(s)	Black, white
	10 Year(s)	coloured
	5 Year(s)	metallic
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Resistance to solvents and chemicals	Mineral oils, Greases, Fuels, Weak acids, Salts and alkalis, Isopropyl alcohol, Washing suds (0.5 % household cleaner)	At room temperature
Maximum shrinkage	Maximum shrinkage along 0.1 mm Maximum shrinkage across 0.1 mm	bonded to steel | FINAT TM 14

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Elongation at break	Minimum elongation at break along 150 % Minimum elongation at break across 150 % Minimum elongation at break along 120 % Minimum elongation at break across 120 %	DIN EN ISO 527
Tensile strength	Minimum tensile strength along 21 N/mm² Minimum tensile strength across 21 N/mm²	DIN EN ISO 527
Temperature resistance	Minimum temperature -40 °C Maximum temperature 60 °C	Short-term exposure up to 80 °C

ADHESIVE PROPERTIES

Adhesive power	12 N/25 mm	after 24 h, on stainless steel | Average value, FINAT TM 1

PROCESSING

Application temperature	Minimum temperature 10 °C	

PRODUCT NOTE

Surfaces to which the material will be applied must be thoroughly cleaned and free from dust, grease or any other contamination that 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 selected lacquers and paints should be tested by the user, prior to application of the material.

IMPORTANT NOTES

All ORACAL® products are subject to careful quality control throughout the manufacturing process. It is guaranteed that the products are delivered in merchantable quality and free of manufacturing defects. The traceability of our goods in accordance with ISO 9001 is ensured by means of the roll number. The information published on ORACAL® products is based on research results which the company believes to be reliable, but which do not constitute a guarantee. Because of the wide variety of uses of ORACAL® products and the continuing development of new applications, it is the responsibility of the purchaser to carefully evaluate the suitability and performance of the product for its intended use. Furthermore, the processing instructions issued by ORAFOL must be observed. The purchaser bears all risks arising from the use of these products. All information is subject to change without notice. ORACAL® is a registered trademark of ORAFOL Europe GmbH.

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