ORACAL® 301F

Print Polyester

Short description

High-quality, self-adhesive PET film for short- and medium-term indoor and outdoor advertising applications. This PVC-free printing film is suitable for UV offset printing and screen printing and is ideal for doming applications. The permanent adhesive ensures a reliable and long-lasting bond. Available in white, chrome, and brushed chrome.

Front material

PET film, 0.05 mm

Liner

Polyester film, siliconised on one side, 0.1 mm

Adhesive

Modified solvent polyacrylate, permanent, Transparent, 0.05 mm

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate	
	2 Year(s)	
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Maximum shrinkage	Maximum shrinkage along 0.2 mm Maximum shrinkage across 0 mm	bonded to steel | FINAT TM 14 FINAT TM 14
Seawater resistance	no change	after 100h/35°C | adhered to aluminum, DIN EN ISO 9227
Temperature resistance	Minimum temperature -40 °C Maximum temperature 100 °C	

ADHESIVE PROPERTIES

Adhesive power	25 N/25 mm	stainless steel, after 1 min | Average value, FINAT TM 1
	25 N/25 mm	stainless steel, after 24 h | Average value, FINAT TM 1
	8 N/25 mm	HDPE, after 1 min | Average value, FINAT TM 1
	10 N/25 mm	HDPE, after 24 h | Average value, FINAT TM 1

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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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