ORACAL® 852

Premium Cast

Short description

Premium self-adhesive cast PVC film for durable outdoor advertising applications. The printing film is wet-applicable and suitable for screen printing. The permanent adhesive ensures a reliable and long-lasting bond. The film also offers excellent flatness, enabling precise and efficient processing.

Front material

Cast PVC film, cast film, 0.06 mm

Liner

PE-coated paper on both sides, siliconised on one side, 143 g/m²

Adhesive

Solvent-polyacrylate, permanent, Transparent, 0.027 mm

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate 10 Year(s)	
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Resistance to solvents and chemicals	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 mm	bonded to steel | FINAT TM 14
Elongation at break	Minimum elongation at break along 120 % Minimum elongation at break across 120 %	DIN EN ISO 527
Tensile strength	Minimum tensile strength along 19 N/mm² Minimum tensile strength across 19 N/mm²	DIN EN ISO 527

ORAFOL Europe GmbH
Orafolstrasse 1
D-16515 Oranienburg
Germany

Tel: +49 (0)3301 864-0
graphic.solutions@orafol.de
www.orafol.com

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Seawater resistance	no change	after 100h/35°C | adhered to aluminum, DIN EN ISO 9227
Temperature resistance	Minimum temperature -40 °C Maximum temperature 80 °C	Short-term exposure up to 110 °C |

ADHESIVE PROPERTIES

Adhesive power	18 N/25 mm	after 24 h, on stainless steel | 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

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