

ORACAL® 977

Premium Livery Cast

Short description

Multi-layer, high-performance PVC film cast using optimized technology, specially developed for plotter applications with optimum cutting and processing properties. The film has a high-gloss surface. The special adhesive allows it to be applied even to painted, uneven and curved surfaces. The material can be removed in the adhered state using suitable aids.

Front material

Cast PVC film, cast film, 0.1 mm

Liner

Special silicone cardboard coated on one side, 137 g/m²

Adhesive

Solvent-polyacrylate removable, Transparent, repositionable, 0.025 mm

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate	
	6 Year(s)	coloured
Shelf Life	1 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Resistance to solvents and chemicals	Oils, Fuels, Weak acids, Salts and alkalis, Isopropyl alcohol, Washing suds (0.5 % household cleaner)	At room temperature
Maximum shrinkage	Maximum shrinkage along 0.2 mm Maximum shrinkage across 0.2 mm	bonded to steel FINAT TM 14
Elongation at break	Minimum elongation at break along 150 % Minimum elongation at break across 150 %	DIN EN ISO 527

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Tensile strength	Minimum tensile strength along 21 N/mm ²	DIN EN ISO 527
	Minimum tensile strength across 21 N/mm ²	
Temperature resistance	Minimum temperature -40 °C Maximum temperature 60 °C	Short-term exposure up to 80 °C

ADHESIVE PROPERTIES

Adhesive power	11 N/25 mm	after 24 h, on stainless steel FINAT TM 1, average value
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PROCESSING

Application temperature	Minimum temperature 10 °C
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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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