

ORACAL® 851

Sparkling Glitter Metallic Cast Film

Short description

Sparkling Glitter Metallic Cast PVC film for plotter applications with optimum cutting and processing properties. Specifically developed for labelling, markings and decorations. The surface has a high-gloss finish. Available in 18 fascinating high-gloss glitter metallic colours, including 986 Crystal Clear Sparkle transparent, which can be laminated onto the surface of any ORACAL 631, 641, 651, 751 or 951 standard plotter film colour to create a vibrant glitter metallic effect

Front material

Cast PVC film, cast film, 0.1 mm

Liner

One-sided siliconized kraft paper, 137 g/m²

Adhesive

Solvent-polyacrylate permanent, Transparent, 0.03 mm

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate	
	5 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 0.2 mm Maximum shrinkage across 0.2 mm	bonded to steel FINAT TM 14
Elongation at break	Minimum elongation at break along 125 % Minimum elongation at break across 125 %	DIN EN ISO 527

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Tensile strength	Minimum tensile strength along 20 N/mm ²	DIN EN ISO 527
	Minimum tensile strength across 20 N/mm ²	
Temperature resistance	Minimum temperature -40 °C Maximum temperature 60 °C	Short-term exposure up to 80 °C

ADHESIVE PROPERTIES

Adhesive power	18 N/25 mm	after 24 h, on stainless steel FINAT TM 1
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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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