ORACAL® 6510

Fluorescent Cast

Short description

High-quality, self-adhesive cast PVC film for medium-term outdoor advertising applications. This fluorescent printing film is suitable for screen printing and is ideal for point-of-sale (POS) applications as well as visually striking advertising displays. The permanent adhesive ensures a reliable and long-lasting bond.

Front material

Cast PVC film, cast film, 0.11 mm

Liner

One-sided siliconized kraft paper, 137 g/m²

Adhesive

Solvent-polyacrylate, permanent, Transparent, 0.027 mm

Recommended transfer materials

ORATAPE® HT95 Application Tape, ORATAPE® LT52 Application Tape, ORATAPE® LT95 Application Tape, ORATAPE® MT52 Application Tape, ORATAPE® MT72 Application Tape, ORATAPE® MT80P Application Tape, ORATAPE® MT95 Application Tape

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate	
	1 Year(s)	all colours, unprinted
	2 Year(s)	Yellow fluorescent, unprinted
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Maximum shrinkage	Maximum shrinkage along 0.3 mm Maximum shrinkage across 0 mm	bonded to steel | FINAT TM 14
Elongation at break	Minimum elongation at break along 100 % Minimum elongation at break across 199 %	DIN EN ISO 527

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Tensile strength	Minimum tensile strength along 13 N/mm² Minimum tensile strength across 13 N/mm²	DIN EN ISO 527
Seawater resistance	no change	after 100h/35°C | adhered to aluminum, DIN EN ISO 9227
Temperature resistance	Minimum temperature -40 °C Maximum temperature 60 °C	Short-term exposure up to 80 °C

ADHESIVE PROPERTIES

Adhesive power	16 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

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