ORACAL® 640PF

Print Vinyl

Short description

Self-adhesive Economy soft PVC film for short-term indoor advertising applications and short-term outdoor applications. This phthalate-free printing film is suitable for UV offset printing and screen printing and is ideal for point-of-sale (POS) applications. The permanent adhesive ensures reliable bonding. The film offers excellent flatness and allows for efficient processing.

Front material

Soft PVC phthalate-free, 0.08 mm

Liner

One-sided siliconized kraft paper, 137 g/m²

Adhesive

Polyacrylate, permanent, Transparent, 0.019 mm

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate	
	3 Year(s)	unprinted, with professional processing, with vertical outdoor weathering, central European normal climate
Shelf Life	1 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Maximum shrinkage	Maximum shrinkage along 0.4 mm Maximum shrinkage across 0 mm	bonded to steel | FINAT TM 14
Elongation at break	Minimum elongation at break along 130 % Minimum elongation at break across 150 %	DIN EN ISO 527
Tensile strength	Minimum tensile strength along 19 N/mm² Minimum tensile strength across 19 N/mm²	DIN EN ISO 527
Temperature resistance	Minimum temperature -40 °C Maximum temperature 80 °C	Short-term exposure up to 110 °C |

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ADHESIVE PROPERTIES

Adhesive power	16 N/25 mm	after 25 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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