ORACAL® 1050HT

Hi-Tack Performance Print Vinyl

Short description

High-performance polymer PVC film for high-quality indoor and outdoor printing applications. The film offers excellent lightfastness and weather resistance and is coated with a special pressure-sensitive adhesive with high tack. Particularly suitable for application to low-energy surfaces.

Front material

Polymer PVC film, 0.1 mm

Liner

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

Adhesive

Solvent-polyacrylate, high tack, Transparent, 0.035 mm

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate 7 Year(s)	
Shelf Life	1 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 0.4 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

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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

Hi-tack	Yes	
Adhesive power	28 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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