ORAJET® 3951

Premium Digital Printing Cast

Short description

Premium cast PVC film, available in white and transparent with glossy surface.

Front material

Cast PVC film, cast film, 0.055 mm

Liner

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

Adhesive

Solvent-polyacrylate, permanent, Grey or transparent, repositionable, 0.026 mm

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate	
	10 Year(s)	Applies for vertical outdoor weathering, central European normal climate, white; unprinted
	8 Year(s)	Applies for vertical outdoor weathering, central European normal climate, white; unprinted
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Maximum shrinkage	Maximum shrinkage along 0.1 mm Maximum shrinkage across 0 mm	Bonded to steel | FINAT TM 14, average value
Elongation at break	Minimum elongation at break along 120 % Minimum elongation at break across 120 %	DIN EN ISO 527, average value
Tensile strength	Minimum tensile strength along 19 N/mm² Minimum tensile strength across 19 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 80 °C	Short-term exposure up to 110 °C |

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ADHESIVE PROPERTIES

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

PROCESSING

Application temperature	Minimum temperature 10 °C

Certificates

- 3951-290G_3951GRA-290G_3951GRA_ProSlide-290G_DIN_EN_45545-2_certificate_2018_de-en.pdf (Download)
- 3951-010-290 auf Al - TR nach IMO 2010 FTPC Pt 5 - BRE report copy.pdf (Download)
- 3951G 000 010_3951GRA 010_ B-s1_d0 - Mineralischer Untergrund - Klassifizierung nach DIN EN 13501-1 - de.pdf (Download)
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PRODUCT NOTE

After printing, the ink must be allowed to thoroughly dry, in order to avoid any issues when later combined with the laminate. Surfaces to which the material will be applied must be thoroughly cleaned and free from dust, grease or any contamination which 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 the selected lacquers and paints should be tested by the user, prior to the application of the material. Furthermore the application information published by ORAFOL must be considered.

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IMPORTANT NOTES

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