ORAJET® 3165

Digital Printing Film

Short description

The partially polymer PVC film is available in white and transparent with a glossy or matt surface. For short and medium-term outdoor applications, it is ideal for digitally printed advertising measures.

Front material

Partially polymer PVC film, 0.1 mm

Liner

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

Adhesive

Solvent-polyacrylate, permanent, Grey or transparent, 0.024 mm

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate	
	5 Year(s)	Applies for vertical outdoor weathering, central European normal climate; unprinted
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 0.4 mm Maximum shrinkage across 0 mm	Bonded to steel | FINAT TM 14, average value
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
Seawater resistance	no change	after 100h/35°C | adhered to aluminum, DIN EN ISO 9227

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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
PROCESSING		
Application temperature	Minimum temperature 10 °C	

Certificates

- 3165_3165RA 010 - 215_C-s2,d0 - metallischer Untergrund - Klassifizierung nach DIN EN 13501-1 - de.pdf (Download)
- 3165_3165RA 010 - 215_C-s2,d0 - metallic substrate - classification acc. to DIN EN 13501-1 - en.pdf (Download)
- 3165_3165RA 010 - 215_C-s2,d0 - metallic substrate - classification acc. to DIN EN 13501-1 - en.pdf (Download)
- 3165_3165RA 010 - 215_C-s2,d0 - metallic substrate - classification acc. to DIN EN 13501-1 - en.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.

IMPORTANT NOTES

All ORAJET® products are subject to thorough quality control during the entire manufacturing process. It is ensured that the products are of merchantable quality and free from manufacturing defects. The information published on the ORAJET® products is based on research results which the company considers to be reliable, but which do not constitute a guarantee. In view of the wide range of applications of ORAJET® products and the continuous development of new applications, it is up to the buyer to carefully check the suitability and performance of the product for the respective purpose. The buyer bears all risks which result from the use of these products. All specifications are subject to change.

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