

ORAJET® 3951HT

Premium Digital Printing Cast

Short description

The premium cast PVC film is available in white and transparent and has a glossy surface. It is suitable for longterm advertising measures, markings and decorations that are to be realized with maximum brilliance and durability in outdoor areas. It is particularly suitable for applications on hard-to-stick surfaces.

Front material

Cast PVC film, cast film, 0.055 mm

Liner

One-sided siliconized kraft paper, 143 g/m²

Adhesive

Solvent-polyacrylate high tack, Grey or transparent, 0.035 mm

Recommends laminating films

ORAGUARD® XP279

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate	
	7 Year(s)	White, not printed
	5 Year(s)	Transparent, not printed
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 0.2 mm Maximum shrinkage across 0 mm	Bonded to steel FINAT TM 14

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Elongation at break	Minimum elongation at break along 120 %	DIN EN ISO 527
	Minimum elongation at break across 120 %	
Tensile strength	Minimum tensile strength along 19 N/mm ²	DIN EN ISO 527
	Minimum tensile strength across 19 N/mm ²	
Seawater resistance	no change	after 100h/35°C adhered to aluminum, DIN EN ISO 9227
Temperature resistance	Minimum temperature -40 °C	Short-term exposure up to 80 °C
	Maximum temperature 60 °C	

ADHESIVE PROPERTIES

Adhesive power	28 N/25 mm	after 24 h, on stainless steel FINAT TM 1, average value
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PROCESSING

Application temperature	Minimum temperature 4 °C
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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

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