

cohesive



ORAJET® 3105HT

ORAJET® 3105 High Tack - For long-term graphic applications, markings and decorations in outdoor areas.

Especially designed for applications on "hard-to-stick" substrates such as low energy plastics (polyethylene, polypropylene) and rough or textured surfaces. Solvent, UV and latex printable.

Recommended for use with ORAGUARD® Series 215 and 290 laminate.

5

5 Year

HT

High Tack for "hard-to-stick" substrates



Suitable for Solvent,
UV and Latex printers



Laminate with ORAGUARD®
Series 215 & 290F



ORAJET® 3105HT Technical Data

Description:

Polymeric PVC film with a white glossy finish

Release Paper:

Double sided PE coated paper, one side siliconised, 143 g/m²

Adhesive:

Solvent polyacrylate, permanent, with high initial tack and high final adhesion, grey

Thickness: * (without paper and adhesive)	100 micron
Dimensional stability: (FINAT TM 14)	Adhered to steel, no shrinkage in cross direction, in length 0,4 mm max
Temperature resistance: ***	Adhered to aluminium, -50° C to +100° C, no variation
Sea water resistance: (DIN EN ISO 9227)	Adhered to aluminium, after 100h/23° C no variation
Resistance to solvents and chemicals:	At room temperature, 72h after adhesion to aluminium, short term resistance to most oils and greases, fuels, aliphatic solvents, weak acids, salts and alkalis
Fire behaviour:	Adhered to steel, self-extinguishing
Adhesive power: *(FINAT TM 1, after 24h, stainless steel)	28 N/25 mm
Tensile strength: (DIN EN ISO 527)	Along: min. 19 MPa Across: min. 19 MPa
Elongation at break: (DIN EN ISO 527)	Along: min. 130% Across: min. 150%
Shelf life: ***	1 year
Application temperature:	> +4° C
Service life by specialist application: Under vertical outdoor exposure (normal climate of Central Europe)	5 years (not printed)

* average ** in original packaging, at 20° C and 50% relative humidity *** normal climate of Central Europe

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. The batch traceability according to ISO 9001 is possible on the basis of the roll number.