

# Technical Data

## Orajjet 3951 ht



### Description

Premium Cast PVC film in white and transparent, gloss

Release paper

PE-coated silicone paper, 148g/m<sup>2</sup>, 168 µm

Adhesive

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

Area of use

For long-term graphic applications, markings and decorations with the highest degree of brilliancy and durability in outdoor areas. Especially designed for applications on "hard - to stick" substrates such as low energy plastics (polyethylene, polypropylene) and rough or textured surfaces.

Printing method

Inkjet printing with solvent based inks, UV-or Latex inks

Technical Data

Thickness* (without protective paper and adhesive)	55 micron
Dimensional stability (FINAT TM 14)	adhered to steel, no shrinkage in cross direction, in length 0.2mm max.
Temperature resistance ***	adhered to aluminium, 50°C to +100°C, no variation
Sea water resistance (DIN 50021)	adhered to aluminium, after 100h/23°C no variation
Resistance to solvents and chemicals	at room temperature, 72h after adhesion to aluminium, short-term resistant to most oils and greases, fuels, aliphatic solvents, weak acids, salts and alkalis
Fire behavior (DIN 4102 -1)	Only flame resistant (class DIN 4102-B1) on steel surface (indoor application, also printed)
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. 120% across: min. 120%
Shelf life **	2 years
Application temperature	> +4°C
Service life by specialist application under vertical outdoor exposure (normal climate of Central Europe)	white: 7 years (not printed) transparent: 5 years (not printed)

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

Standard Size: 1.05m, 1.37m, 1.52m, 2.00m X 50m

Durability

1 year after application; outdoor vertical exposure

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