

Description

Premium Cast PVC film in white and transparent, gloss

Release paper

PE-coated silicone paper, 148g/m², 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 behaviour (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

Note

After printing the ink must be thoroughly dry in order to avoid any effect on the later combination with the laminate. Surfaces to which the material will be applied must be thoroughly cleaned 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 respectively. The compatibility of selected lacquers and paints should be tested by the user, prior to application of the material. Furthermore the application information published by ORAFOL is to be considered. The batch traceability according to ISO 9001 is possible on the basis of the roll number.

The statements in this information sheet are based upon our knowledge and practical experience. This data is intended only as a source of information and is given without guarantee and does not constitute a warranty. Due to the wide variety of possible uses and applications customers should independently determine the suitability of this material for their specific purpose, prior to use.

