

Description

Special PVC film with a high percentage of pigment for maximum opacity. White gloss or matt surface.

Release paper

Silicone coated paper on one side, 135 g/m².

Adhesive

Polyacrylate, permanent

Area of use

For short and medium term outdoor markings, inscriptions and decorations. The excellent opacity is ideal for applications where the substrate is to be covered and previous printing or other markings must not show through.

Printing method

Recommended is screen printing. Inkjet printing is possible with solvent-based inks, UV- or Latex-inks. Special inks are necessary for UV-offset printing and flexoprinting.

Certificates

Material classification B1 according to DIN 4102 Part 1; Only flame resistant (class DIN 4102-B1) on steel surface.

Technical data

Thickness* (without protective paper and adhesive)	110 micron
Dimensional stability (FINAT TM 14)	adhered to steel, no measurable shrinkage in cross direction, in length 0.4 mm max
Temperature resistance***	adhered to aluminium, -40°C to +80°C, no variation
Water resistance	adhered to aluminium, after 48h/23°C no variation
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	16 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**	2 years
Application temperature	> +10°C
Service life by specialist application*** under vertical outdoor exposure (normal climate of Central Europe)	3 years (not printed)

* average

** in original packaging, at 20°C and 50% relative humidity

*** normal climate of Central Europe

Note

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 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.