

Description

Exceptionally soft polymeric PVC film with glossy (G) surface.

Release paper

Silicone coated paper on one side, 135 g/m²

Adhesive

Polyacrylate, permanent, with high initial tack

Area of use

For short- and medium-term outdoor lettering, marking and decoration. Indoor exposure is almost unlimited. The strong permanent adhesive realizes an excellent initial peel adhesion even onto non-polar surfaces. Fulfils the requirements of the european directive 2005/84/EC (phthalates in toys and childcare articles).

Printing method

Screen printing, UV-offset printing and flexoprinting are recommended.

Technical Data

Thickness* (without protective 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, -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)	22 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)	5 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 dried and cured completely. 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.

