

Description

Special PVC film, white, gloss or matt surface

Release paper

PE-coated silicone paper, 165 g/m², 180 µm

Adhesive

Solvent polyacrylate, permanent adhesive, grey

Area of use

For brilliant and colorful displays for digital large format prints in short- and medium-term outdoor applications. The "Rapid Air" technology enables easy and quick bubblefree application, especially of large-sized graphics or decals. Entrapped air can be easily removed simply by rubbing out under the film.

Printing method

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

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
Seawater 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	adhered to steel, self-extinguishing
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	18 N/25 mm
Tensile strength (DIN EN ISO 527) along across	min. 19 MPa min. 19 MPa
Elongation at break (DIN EN ISO 527) along across	min. 130% min. 150%
Shelf life**	2 years
Minimum application temperature	> +8°C
Service life 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

Attention:

After printing the ink must be thoroughly dry in order to avoid any affect 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 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.

