

Description

Perforated cast PVC film in white with glossy surface.

Release paper

PE-coated silicone paper, 145g/m²

Adhesive

Solvent polyacrylate, repositionable, permanent, grey

Area of use

Brilliant and colourful short-term exterior graphic applications on aircrafts. Suitable for flat and slightly curved surfaces with or without rivets. Good removability of the applied material with use of appropriate equipment.

Printing method

Inkjet printing with solvent based inks, UV- or Latex inks is recommended. For solvent screen printing special inks are necessary.

Technical Data

Thickness film*	65 micron
Thickness film with adhesive* (without protective paper)	95 micron
Weight* (without protective paper)	135 g/m ²
Dimensional stability (FINAT TM 14)	adhered to steel shrinkage 0.2 micron max.
Temperature resistance**	adhered to aluminium, -50°C to +100°C, no variation
Resistance to solvents and chemicals	at room temperature, 72h after adhesion to aluminium, short-term resistant to fuels, aliphatic solvents, weak acids, salts and alkalis.
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	18 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	> +10°C
Service life by specialist application	2 years (not printed)

*average

**normal climate of Central Europe

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

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 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.

Do not use this film on areas exposed to high operating temperatures, severe abrasion or hydraulic fluids based on phosphate ester (e. g. Skydrol® LD-4).

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.

