

ORAJET 3591

07/05

Description

Polymeric PVC film, white in gloss and matt or transparent in gloss surface

Release paper

PE-coated silicone paper, 148g/m², 168 µm

Adhesive

Solvent polyacrylate, removable, grey and transparent

Area of use

For long-term displays with highest degree of brilliancy and durability in outdoor applications, e.g. vehicle lettering

Printing method

Solventbased inkjet printing

Technical data

Thickness* (without protective paper and adhesive)	70 micron
Dimensional stability (FINAT TM 14)	adhered to steel, no shrinkage in cross direction, in length 0.2 mm max.
Temperature resistance	adhered to aluminium, -50°C to +90°C (short-term, max. 24h, at +100°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 (DIN 75200)	adhered to steel, self-extinguishing
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	8 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	min. +8°C
Service life under vertical outdoor exposure (normal climate of central Europe)	7 years (not printed)
Removability	within 3 years residueless removable from most surfaces

* average

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

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 informations published by ORAFOL are 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.



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