

OneSign G1000 - White Printable Vinyl Datasheet

Specifications

G1000

Description	Soft monomeric PVC film Color: white Surface: glossy
Release paper	Special PE coated silicone paper
Adhesive	Solvent polyacrylate, removable, grey color
Area of use	For short term outdoor applications such as markings, inscriptions and decorations. Indoor exposure is almost unlimited
Printing method	Solvent-based and eco-solvent based inkjet printing

Technical data

Thickness (without protective paper and adhesive)	80 micron monomeric PVC film
Dimensional stability (FINAT TM14)	Adhered to steel, no shrinkage in cross direction, in length 1.0mm max.
Temperature resistance	Adhered to aluminum, -20°C to +65°C (-4°F to +149°F), no variation
Adhesive	Solvent polyacrylate removable adhesive
Seawater resistance (DIN 50021)	Adhered to aluminum, after 48 hours no variation
Adhesive power (FINAT TM 1, after 24h, stainless steel)	4 - 6 N/25 mm
Tensile strength (ASTM D882-02; 200mm/Min) along across	Min. 20 MPa Min. 21 MPa
Elongation at break (ASTM D882-02; 200mm/Min) along across	Min. 120% Min. 180%
Shelf life	Up to 1 year
Application temperature	Min. +10°C (50°F)
Service life by specialist application with vertical outdoor exposure (normal climate of Europe)	Up to 1 year

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.

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.