

Description

Perforated special PVC film, white gloss with black backing for use on even transparent substrates from glass. After printing on the film surface the picture becomes visible while the perforated black backing allows light to pass through. The ratio of the printable area of the total surface is 50%. The small hole diameter of 1,5mm enables a relatively special fine print.

Release paper

Silicone coated paper, non perforated, 135 g/m². For better protection the liner of the perforated self-adhesive material is overlapping on both sides.

Adhesive

Solvent polyacrylate, permanent, transparent

Area of use

For short- and medium-term advertising graphics on vehicles, shop windows or other even surfaced transparent advertising media from glass that should allow light easily to pass through from the back. As in outdoor application humidity may gather in the perforation, the transparency can be essentially reduced. Therefore, the perforated vinyl has to be protected after printing with the laminating film ORAGUARD 297, especially developed for this application. To be used only in dry application.

Printing method

Inkjet printing with solvent based inks or Latex inks;

Certificates

German General Type Approval acc. to § 22a StVZO, Federal German Road Traffic Licensing Order: ABG-no. D5477 (not laminated) and ABG-no. D5350 (laminated with ORAGUARD 297).

Technical data

Thickness* (without protective paper and adhesive)	140 micron
Dimensional stability (FINAT TM 14)	adhered to glass, no shrinkage in cross direction, in length 0.4 mm max.
Temperature resistance***	adhered to glass, -40°C to +80°C, no variation
Seawater resistance (DIN 50021)	adhered to glass, after 48h/23°C no variation
Adhesive power* (FINAT TM 1, after 24h, glass)	12 N/25 mm
Tensile strength (DIN EN ISO 527)	
along	min. 5 MPa
across	min. 5 MPa
Elongation at break (DIN EN ISO 527)	
along	min. 50%
across	min. 50%
Shelf life**	2 years
Application temperature	> +10°C
Service life by specialist application under vertical outdoor exposure (normal climate of Central Europe)	3 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.

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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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. Furthermore the application information published by ORAFOL is to be considered.

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ORAFOL Europe GmbH - Orafolstraße 2 - D 16515 Oranienburg
Telefon: +49 (0) 33 01/864 0 - Telefax: +49 (0) 33 01/864 100
E-Mail: verkauf@orafol.de - Internet: <http://www.orafol.de>