

ORACAL 1680 Hi-Tack-Rubber Vinyl

07/16

Description

Soft white PVC film, Surface gloss (G) and matt (M)

Release paper

Silicone coated on one side, 135 g/m²

Adhesive

Solvent rubber based, permanent

Area of use

For short- and medium-term outdoor application such as markings, inscriptions and decorations.

Good adhesion on materials with low surface tension, e. g. PE and PP. Indoor exposure is almost unlimited.

Printing method

Screen printing is recommended. Special inks are necessary for UV-offset printing and flexoprinting.

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 +70°C, no variation
Seawater resistance (DIN 50021)	adhered to aluminium, after 48h/23°C no variation
Adhesive power* (FINAT TM 1, after 24h, stainless steel, PP, PE)	Stainless steel: 25 N/25 mm PP: 23 N/25 mm PE: 20 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
Application temperature	min. +8°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

Attention:

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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