

ORACAL 1663 Print Vinyl

07/05

Description

Highly pigmented special soft white PVC film with gloss or matte finish.

Release paper

Silicone coated paper, 135 g/m²

Adhesive

Solvent polyacrylate, removable, transparent

Area of use

Suitable as printing material for ORAFOL floor graphics systems. The material has an excellent opacity suppressing colour shadows of the floor surface. The adhesive guarantees residueless removal.

Printing method

Screen printing and inkjet printing with solvent inks are recommended. Also suitable for thermotransfer printing as well as for heat transfer processing of electrostatic prints.

Technical data

Thickness* (without protective paper and adhesive)	110 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 +80°C, no variation
Water resistance	adhered to aluminium, after 48h/23°C no variation
Adhesive power (FINAT-TM 1, after 24h, stainless steel)	5 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 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:

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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