

Description

Opaque cast PVC film, specially used for backlit applications, where the light from the background shall not pass through the film. The reduced surface gloss inhibits undesired reflection. Available in white with a black backing, and in black with a white backing.

Release Paper

Silicone coated paper on both sides, 137 g/m²

Adhesive

Solvent polyacrylate, permanent

Area of use

This film is specially designed for high quality application onto light boxes and for the production of internally illuminated signs. It can also be used on backlit acrylic glass, glass and pretensioned banner material. Suitable for use on cutting plotters.

Technical Data

Thickness* (without paper and adhesive)	100 micron
Dimensional stability (FINAT TM 14)	Adhered to steel, shrinkage 0,1 mm max.
Temperature resistance***	Adhered to acrylic glass, -40° C to +80° C, no variation
Resistance to cleaning agents	Adhered to acrylic glass, 8h in washalcalics (0,5% household cleaning agents) in room temperature and in 65° C, no variation
Adhesive power* (FINAT TM 1, after 24h)	16 N/25 mm glass 18 N/25 mm acrylic glass
Tensile strength (DIN EN ISO 527)	Along: min. 17 MPa Across: min. 17 MPa
Elongation at break (DIN EN ISO 527)	Along: min. 120% Across: min. 120%
Shelf life***	2 years
Application temperature	> 8° C
Service life by specialist application	10 years

Under vertical outdoor exposure (normal climate of Central Europe)

* average ** in original packaging, at 20° C and 50% relative humidity *** normal climate of Central Europe

Note

Surfaces to which the material will be applied must be thoroughly cleaned and free from dust, grease or any other contamination that 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. The compatibility of selected lacquers and paints should be tested by the user, prior to application of the material. Furthermore, the application information published by ORAFOL must be considered. The batch traceability according to ISO 9001 is possible on the basis of the roll number.

IMPORTANT NOTICE

All ORACAL® products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects. Published information concerning ORACAL® products is based upon research which the Company believes to be reliable although such information does not constitute a warranty. Because of the variety of uses of ORACAL® products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. All specifications are subject to change without prior notice. ORACAL® is a registered trademark of ORAFOL Europe GmbH.