

### Description

Opak Cast PVC film, especially for backlit applications where the light from the background shall not pass the film. The reduced surface gloss inhibits undesired reflection. Available in white with a black opposite side and in black with a white opposite side.

### Release paper

Silicone coated paper on one side, 137 g/m<sup>2</sup>

### Adhesive

Solvent polyacrylate, permanent

### Area of use

This film is especially designed for high quality application on light boxes and for production of internally illuminated signs and the start design of backlit acrylic glass, glass and pretensioned banner material. Suitable for application on cutting plotters.

### Technical data

<b>Thickness*</b> (without protective paper and adhesive)	100 micron
<b>Dimensional stability</b> (FINAT TM 14)	adhered to steel shrinkage 0.1 mm max.
<b>Temperature resistance</b>	adhered to acrylic glass, -45°C to +80°C, no variation
<b>Resistance to cleaning agents</b>	adhered to acrylic glass, 8h in washalcalics (0,5% household-cleaning agents) at room temperature and 65°C, no variation
<b>Adhesive power*</b> (FINAT TM 1, after 24h)	16 N/25 mm glass 18 N/25 mm acrylic glass
<b>Tensile strength</b> (DIN EN ISO 527)	
along	min. 17 MPa
across	min. 17 MPa
<b>Elongation at break</b> (DIN EN ISO 527)	
along	mind. 120%
across	mind. 120%
<b>Shelf life**</b>	2 years
<b>Application temperature</b>	> + 8°C
<b>Service life by specialist application</b> under vertical outdoor exposure (normal climate of Central Europe)	10 years

\* 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. Furthermore the application information published by ORAFOL is to be considered. The batch traceability according to ISO 9001 is possible on the basis of the roll number.

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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