

Description

Translucent special Cast PVC film, providing homogenous uniformity when viewed through or on to the materials. The reduced surface gloss inhibits undesired reflection.

Release paper

Silicone coated translucent PET film on one side, 100 micron

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 acrylglass, glass and pretensioned banner material. Suitable for application on cutting plotters, for thermoforming and for thermal transfer printing (with resin ribbons).

Technical data

Thickness* (without protective paper and adhesive)	50 micron
Dimensional stability (FINAT TM 14)	adhered to steel shrinkage 0.1 mm max.
Temperature resistance	adhered to acrylglass, -45°C to +80°C, no variation
Resistance to cleaning agents	adhered to acrylic glass, 8h in washcalics (0,5% household-cleaning agents) at room temperature and 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. 21 MPa
across	min. 21 MPa
Elongation at break (DIN EN ISO 527)	
along	mind. 120%
across	mind. 120%
Shelf life**	2 years
Application temperature	> + 8°C
Service life by specialist application	black / white: 10 years
under vertical outdoor exposure	transparent / coloured: 8 years
(normal climate of Central Europe)	metallic: 5 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.

