

Description

Translucent, white, matte special cast PVC film with 60% light transmission, providing improved light distribution and uniformity in illuminated signs. The reduced surface gloss inhibits undesired reflection.

Release Paper

Silicone coated paper on one side, 137 g/m²

Adhesive

Solvent polyacrylate, permanent

Area of use

This film is specially designed for high quality applications, such as onto light boxes and for the production of internally illuminated signs. It can also be used on backlit acrylic glass, glass and pre-tensioned banner material. Suitable for use on cutting plotters and for thermoforming.

Technical Data

Thickness* (without paper and adhesive)	55 micron
Dimensional stability (FINAT TM 14)	Adhered to steel, no shrinkage in cross direction, shrinkage in length 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 mild detergents (0,5% household cleaning agents) at room temperature and 65° C, no variation
Adhesive power* (FINAT TM 1, after 24h)	18 N/25 mm glass 16 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: 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). The durability of the film to a large extent is dependent on the climate zone and angle of exposure. Further information about the service life can be found on our website at www.orafol.com/gp/europe/en/support.

* 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.

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.

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