

Description

Translucent special cast PVC film, providing excellent uniformity when viewed through or on to the material. The reduced surface gloss inhibits undesired reflection.

Release Paper

Silicone coated translucent polyester film on one side, 100 micron

Adhesive

Solvent polyacrylate, permanent

Area of use

This film is specially designed for high quality applications, such as onto light boxes and in the production of internally illuminated signs. It is also used on backlit acrylic glass, glass and pretensioned banner material. Suitable for use on cutting plotters, for thermoforming and for thermal transfer printing (with resin ribbons).

Technical Data

Thickness* (without paper and adhesive)	50 micron
Dimensional stability (FINAT TM 14)	Adhered to steel, no shrinkage in cross direction, in length 0,1 mm max.
Temperature resistance***	Adhered to acrylic glass, -45° C to +80° C, no variation
Resistance to cleaning agents	Adhered to 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	Black / white: 10 years Coloured: 8 years Metallic: 5 years

* 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.

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