

Description

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

Release Paper

Silicone coated paper on one side, 137 g/m², with special release characteristics, which provide excellent weed-stripping properties. For white vinyl, a light blue silicone coated paper is used, to form a stronger contrast for lettering.

Adhesive

Solvent polyacrylate, permanent

Area of use

This film is specially designed for producing high quality backlit signs and for application onto internally illuminated sign faces made of acrylic glass, glass and translucent banner materials. Suitable for use on cutting plotters. Semi-glossy surface in white is additionally suitable for thermal transfer printing (with resin ribbons).

Technical Data

Thickness* (without paper and adhesive)	80 micron	
Dimensional stability (FINAT TM 14)	Adhered to steel, no measurable shrinkage in cross direction, in length 0,2 mm max.	
Temperature resistance***	Adhered to acrylic glass, -40° C to +90° 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, stainless steel)	18 N/25 mm glass 16 N/25 mm acrylic glass	
Tensile strength (DIN EN ISO 527)	Along: min. 19 MPa Across: min. 19 MPa	
Elongation at break (DIN EN ISO 527)	Along: min. 130% Across: min. 150%	
Shelf life**	2 years	
Application temperature	> +8° C	
Service life by specialist application	Black / white:	7 years
Under vertical outdoor exposure (normal climate of Central Europe)	Coloured:	7 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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