

Description

4-mil, opaque cast PVC film, Premium Blockout Performance - Effectively create blockout effects in backlit signage applications. Available in white with black backing and black with white backing. Premium resistance to weathering and fading. Can be applied to acrylic, polycarbonate, glass, and tensioned flexible substrates.

Release Liner

84# silicone coated paper on both sides

Adhesive

Clear, solvent polyacrylate, permanent

Area of Use

Specially formulated for the production of high quality illuminated signage, it is the perfect solution for creating blockout effects in backlit applications. Great for use with backlit acrylic, glass and flexible sign face material. Suitable for use on cutting plotters.

Technical Data

Thickness* (without liner and adhesive)	4-mil
Dimensional Stability (FINAT TM-14)	Adhered to steel, shrinkage 0.004" max
Temperature Resistance	Adhered to acrylic, -40°F to +176°F, no variation
Adhesive Power* (FINAT TM-1, after 24h)	3.65 lb/in glass 4.11 lb/in acrylic
Tensile Strength (DIN EN ISO 527)	Along: Min. 17 MPa Across: Min. 17 MPa
Elongation at Break (DIN EN ISO 527)	Along: Min. 120% Across: Min. 120%
Resistance to cleaning agents	Adhered to acrylic glass, 8h in washcalics (0,5% household cleaning agents) in room temperature and in 149°F, no variation
Shelf Life**	2 years
Minimum Life Expectancy***	10 years
Minimum Application Temperature	46°F
Available Lengths	150' (50-yard) and 30' (10-yard)
Available Widths	48"
Recommended Application Tapes	ORATAPE® Series HT55, MT95, MT72, MT80P

*average

** in original packaging, at 68°F and 50% relative humidity

*** standard central European climate

Note

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. Freshly lacquered or painted surfaces should be completely cured. The compatibility of selected lacquers and paints should be tested by the user, prior to application of the material. Films with structured surface are naturally more sensitive than the unstructured. Accordingly, these films are to be treated carefully both in processing and in cleaning. Impurities affect the appearance of structured films and require more frequent cleaning. 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.

IMPORTANT NOTICE

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