

# DATA SHEET

## WINDOW PERF UV, 50/50, DUPLEX LINER

160 micron (6.3 mil) white vinyl (PVC) face, with black back, with circular perforations, weeded, resulting in 50% open area. Print on one side, see through the other. 25 micron clear removable adhesive, laminated to a 160 gsm duplex kraft liner, treated to capture UV and solvent inks in the open areas and release cleanly, enabling cross-platform compatibility, especially for UV curable inks. 1.6 mm "holes" on 2.5 mm centers with 30° offset results in 50% printable surface. 50/50 Perf meets certain regulations concerning one-way vision films used in automobiles and transit vehicles. Thicker vinyl face film provides two year

### USEFUL INFORMATION

Parameter	Test Method	Value
Face Film	ASTM D645	160 μ (6.3 mil) monomeric PVC
Surface Finish	ASTM D523	Gloss
Hole Diameter		1.6 mm
Hole Interval		2.5 mm on 30° offset
Open Area		50% (approximate)
PVC Elongation at Break	ASTM D882-02	220%
Liner Weight	ASTM D3776/2646	160 gsm
Liner Type		Special Duplex Design for Cross Compatibility
Adhesive		Acrylic, removable, clear
Initial Tac (180° peel, 20 min,ss )		2.2 N / 25 mm
Peel Strength (24 hour)	ASTM D882-02	5.0 N / 25 mm
Shelf Time		18 months
Recommended Minimum Application Temp		10°C (50F)
Service Temperature Range		-20°C to 65°C (-4F to 150F)
Service Life, Printed, Unlaminated		12 months**
		** lamination recommended for window & vehicle application to avoid accumulation of dirt in open hole areas; life extended by laminate.

### APPLICATION COMPATIBILITY

Parameter	Range	Other Factors
Typical Applications	Window graphics viewed from one side where one-way vision through the graphic is required or beneficial from the viewing side.	
Outdoor Durability	Two (2) years or longer, laminated (use Code 8648 Laminate for Window Perf); twelve (12) months without laminate. Durability affected by environmental conditions and methods of installation, printing, and cleaning.	
Print Technology	Solvent, Eco-Sol, UV, Latex, Screen	
Standard Widths	Stock widths 54" x 150 ft. Other widths x lengths available special order.	

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