



DATA SHEET

8311 Scrimless Backlit 420 Matte

Scrimless Backlit is a unique construction of a transparent PVC print surface, factory-fused with a thin, light diffusing PVC, and a heavy-weight clear PET film. The resulting composite is a sturdy, 12 mil print media designed for printed graphics that will be lit from behind. Diffuser layer gives a clean and snappy white background that makes prints pop. Print surface is fully compatible with Solvent, Eco-Sol, UV, Screen and Latex inks. Care should be taken not to overheat the composite in the curing zone of certain printers so as to avoid thermal distortion of the printed substrate. Outdoor durable, and can be laminated for extended life applications.

USEFUL INFORMATION

Parameter	Test Method	Value
Support Material		Bi-axially oriented clear PET
Thread Count		N/A
Denier		N/A
Surface Material		PVC
Weight	DIN 53352	420 gsm
Caliper	DIN 53370	300 μ / 12 mil
Finish		Matte, extra smooth
Opacity		~75%
Tensile (warp / weft)	DIN 53354	1180 x 1170 N/5cm
Tear	DIN 53363	34 x 27 N
Adhesion Strength (Peel)	DIN 53357	60 N/5cm
Flame Resistance	NFPA 701	customized for NFPA701, B2 on request
Lo Temp (No Crack at ...)	ISO 13934-1:1999	N/A
RF Weldable		N/A

APPLICATION COMPATIBILITY

Parameter	Range	Other Factors
Typical Applications	Lightbox displays, scrollers, sign frames with back-lighting	
Outdoor Durability	12 months or more, but largely dependent on environmental conditions, methods of installation, printing, and post-print finishing.	
Print Technology	Sol, Eco-Sol, UV, Latex, Screen	
Standard Widths	60", 72", 80" x 164 ft. Other widths x lengths available special order.	

The information above is derived from internal testing by our company and based on information received from our suppliers. The values shown are for reference only, and are provided without guaranty and do not constitute a warranty, expressed or implied. The purchaser should determine, prior to use, the suitability of this material for his/her specific purpose. Data represents an average and is not intended for use as a specification.

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