



## DATA SHEET

### 8144 FrontLit Reflex Premium 500 Gloss

Frontprint REFLEX Premium 500 banner combines 500 denier polyester yarn, woven into scrim fabric with 9 x 9 threadcount, encapsulated in PVC film, front and back. The face is laminated with a polymeric vinyl film imbedded with micro-prismatic crystals. This gives a glossy appearance in daylight, and a highly reflective surface at night. It has a smooth print face with a slight scrim pattern, natural white in color. Printable by solvent, eco-solvent, UV, screen, off-set and flexo. Can be hemmed by glue or sewing, but NOT hot air or HF(high frequency), the seaming area will be blackened and lost reflective function if seamed by hot air or HF. Makes an ideal and unique print media for informational banners, safety banners and markings, short term directional signage for traffic and other applications. requiring viewing 24 x 7.

### USEFUL INFORMATION

Parameter	Test Method	Value
Support Material	DIN 60001	100% polyester yarn, HT
Thread Count		9 x 9 ... per inch, warp and weft)
Denier	DIN EN ISO 2060	500 x 500
Surface Material		PVC with Micro-Prismatic Crystals
Reflective Level		200CD/LX/m2
Weight	DIN 53352	500 gsm / 15 oz per yd2
Caliper	DIN 53370	430 µ / 17 mil
Finish		Gloss
Tensile (warp / weft)	DIN 53354	900 x 680 N/5cm
Tear	DIN 53363	190 x 120 N
Adhesion Strength (Peel)	DIN 53357	40 N/5cm
Flame Resistance	NFPA 701	Customized on Request
Lo Temp (No Crack at ...)	ISO 13934-1:1999	-20 C
RF Weldable		No

### APPLICATION COMPATIBILITY

Parameter	Range	Other Factors
Typical Applications	Outdoor banner & signage where background retro-reflectivity (night highlight) is desired.	
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, Screen, Off-Set, Flexo	
Standard Widths	53" & 61", stock; 71", 88", 106", 124", 126" on new factory orders.	

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 average and is not intended for use as a specification.

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