



Technical Data Sheet

Eclipse

Eclipse is a 13 oz. quality front-lit material with a black back and can be printed with UV, solvent or screen-printing. It is ideally suited for billboard applications where the billboard face is to be tensioned only around a frame system or any banner where light from the back may be present. Tear and fade resistant and versatile, Eclipse may be used for any front-lit blackout application. Available in both matte and gloss finishes in widths of 126" and 196".

Material Details

CHARACTERISTICS	TEST METHOD	METRIC	ENGLISH
Support Cloth	DIN 60001	Polyester	Polyester
Yarn dtex	DIN 53830	1100 X 1100dtex	1000 X 1000 denier
Type of Coating	N / A	PVC	PVC
Total Weight	DIN EN ISO 2286-2	450 g/m ²	13 oz/yd ²
Tensile Strength	ASTM D 751:2006, C.R.E	149 X 121 kgF	328 X 268 lbs/in
Tear Strength (warp/weft)	ASTM D 4830:1988, C.R.E	15 X 13 kgF	34 X 28 lbs/in
Flame Resistance	DIN 4102	NFPA 701, CSFM, Title 19, B1	
Low Temperature (No Crack at:)	ASTM D 2137	-20 ⁰ C	-4 ⁰ F
RF Weldable (Heat Sealable)	ASTM G21	Yes	Yes
Fungus Resistance	DIN 53354	Treated	

Applications

	Back-lit	Banner	Billboard	Blockout	Building Wrap	Display Systems	Truckside
Applications		■	■	■		■	

Ink Printability

Solvent	Eco Solvent	UV	Screen Printing	Dye Transfer	Dye Direct
■	□	■	■		

Available Sizes

Metric (m)	English (inches)
3.20, 5.00	126, 196

Key: ■ - Excellent □ - Good

The information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. A legally binding guarantee of specific properties is not to be inferred from our specifications. They are given without guarantee and do not constitute a warranty. The purchaser should independently determine, prior to use, the suitability of this material for his/her specific purpose. (Data represents averages and is not intended for use as a specification.)

