

## Normandy® Eclipse® Matte FL

Normandy® Eclipse® Matte FL is the black-backed version of our world famous Normandy Pro. Normandy Eclipse is a 13 oz. banner or billboard material designed for open framed billboard systems or any application where complete opacity is required. Normandy Eclipse Matte has all the features of Normandy Pro including a 1000 x 1000 high tenacity yarn construction, extreme cold resistance, and premiere face film. The material is compatible for use with solvent, eco-solvent, UV, Latex and screen printing. Available 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 1100 dtex	1000 X 1000 denier
Type of Coating	N / A	PVC	PVC
Total Weight	DIN EN ISO 2286-2	450 g/m <sup>2</sup>	13 oz/yd <sup>2</sup>
Tensile Strength	ISO 13934-1:1999 C.R.E STRIP METHOD	1505 X 1302 N/5cm	172 X 148.7 lbs/in
Tear Strength (warp/weft)	ISO 13937-2:2000,C.R.E SINGLE TONGUE METHOD	460 X 496.2 N	104 X 111.5 lbs
Flame Resistance	DIN 4102	NFPA 701, CSFM, Title 19, B1	
Low Temperature (No Crack at:)	ISO 13934-1:1999	-20 <sup>0</sup> C	-4 <sup>0</sup> 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	Latex	Screen Printing	Dye Transfer	Dye Direct
■	■	■	■	■		

### Available Sizes

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

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 the material for his/her specific purpose. (Data represents averages and is not intended for use as a specification.)