

UltraMesh® Xcel is a 7 oz. PVC coated polyester mesh, printable on two sides with UV and Solvent inks. Allowing 30% air-flow through, UltraMesh Xcel is constructed with a special scrim pattern that runs through the open holes and catches more ink for optimal ink coverage. UltraMesh Xcel is best suited for large images on building, stadium and fence wraps, murals, signs, banners, protective barriers for scaffolding as well as theatrical and TV backdrops. Available in seamless widths ranging from 72"- 196".

Material Details

CHARACTERISTICS	TEST METHOD	METRIC	ENGLISH
Support Cloth	DIN ISO 2076	Polyester	Polyester
Yard dtex	DIN EN ISO 2060	1100 x 550 dtex	1000 x 500 denier
Type of Coating	N/A	PVC	PVC
Total Weight	DIN EN ISO 2286-2	240 g/m ²	7 oz/yd ²
Tensile Strength	DIN EN ISO 1421	112 x 92 kgF/5cm	123 x 101 lbs/in
Tear Strength (warp/weft)	DIN 53363	71 x 20kgF/5cm	157 x 44 lbs/in
Flame Resistance	DIN 75200	NFPA701, Title 19, CSFM, B1	
Low Temperature (No Crack at:)	ISO 1876	-30°C	-22°F
RF Weldable (Heat Sealable)	DIN 53354	Yes	Yes
Air Permeability	ISO 9237	2113 liter/m ² /sec	
Air Permeability	ASTM G21	Treated	

Applications

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

Ink Printability

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

Available Sizes

Metric (m)	English (inches)
1.83, 3.20, 5.00	72, 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 guaranty 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.)