

TECHNICAL DATA SHEET

# Ultramesh® 100 and Ultramesh® Supreme

## Description:

Ultramesh® 100 & Ultramesh® Supreme are lightweight, porous fabrics that allow air to flow through them (30% air flow through for Ultramesh® 100 and 25% air flow through for Ultramesh® Supreme). They are ideally suited for enormous (stadium/building wrap) images or can be used for front-lit billboards, signs, banners or as a protective barrier for scaffolding. Alternatively, they can be used for TV and stage backdrops. Ultramesh® 100 & Ultramesh® can also be printed on both sides with solvent or UV inks.

## Physical Properties

The following information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. 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.)

CHARACTERISTICS	TEST METHOD	METRIC	ENGLISH
Support Cloth	DIN 6001	Polyester	Polyester
Yarn dtex	DIN EN ISO 2060	1100 x 1100	1000 x 1000
Type of Coating	N/A	PVC	PVC
Total Weight Ultramesh 100 Ultramesh Supreme	DIN EN ISO 2286-2	340 g/m <sup>2</sup> 350 g/m <sup>2</sup>	10 oz/yd <sup>2</sup> 10.3 oz/yd <sup>2</sup>
Width	DIN EN ISO 2286-1	3.20m, 5.00m	10'6", 16'4"
Tensile Strength Ultramesh 100 Ultramesh Supreme	DIN 53354	204 x 184 kgF/5cm 750 x 250 N/5cm	225 x 203 lbs/in 270 150 lbs/in
Tear Strength (warp/weft) Ultramesh 100 Ultramesh Supreme	DIN 53353	2500 x 1300 kgF/5cm 750 x 250 N/5cm	168 x 55 lbs 165 x 55 lbs
Flame Resistance	DIN 75200	NYC MEA, NFPA 701 small & large scale	
Low Temperature (No Crack at:)	ASTM D 2137	-30°C	-22°F
Fungus Resistance	ASTM G21	Treated	
RF Weldable (Heat Sealable)	DIN 53354	1335 N/5cm	150 lbs/in