

Technical Data Sheet UltraMesh® Premium 100

UltraMesh® Premium 100 is a 10 oz. coated, polyester mesh banner substrate that is engineered for building wraps, fence graphics, barricade graphics and a variety of indoor and outdoor applications. UltraMesh Premium 100 allows 30% air-flow through and is REACH compliant. The material has a premium white coating which provides vivid graphic production and consistent color management from batch to batch. UltraMesh Premium 100 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 ISO 2076	DIN ISO 2076 Polyester		
Yard dtex	DIN EN ISO 2060	1100 x 1100 dtex	1000 x 1000 denier	
Coating Type		Р	VC	
Total Weight	DIN EN ISO 2286-2	340 g/m ²	10 oz/yd²	
Tensile Strength	DIN EN ISO 1421	2400 x 1500 N/5cm	273 x 171 lbs/in	
Tear Strength (warp/weft)	DIN 53363	300 x 250 N	67 x 56 lbs	
Air Permeability	DIN EN ISO 9237	1400 l/m²/s		
RF Weldable (Heat Sealable) DIN 53354		Yes	Yes	
Percentage of Opening		30%		
Fire Resistance	NFPA701, Title 19, CSFM			

Applications

Applications	,						
	Building Wraps	Fence Graphics	Stadium Graphics	Barricade Graphics	Street Graphics	Indoor Graphics	Outdoor Graphics
Applications							

Ink Printability

Solvent	Eco Solvent	UV	Latex	Screen Printing	Dye Transfer	Dye Direct

Available Sizes

Metric (m)	English (inches)
3.20m, 5.00m	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.)

ULTRAFLEX

www.ultrafleXX.com updated: 06/2017

Ultraflex Systems Inc.
Headquarters
203 Kelsey Lane, Suite E
Tampa, FL 33619
P: (973)627-8608
Email: sales@Ultraflexx.com

Ultraflex Systems Inc. 1578 Sussex Turnpike, Bldg. 4 Randolph, NJ 07869 P: (973)627-8608 F: (973)627-8506 Email: sales@ultraflexx.com Ultraflex Europe
Unit 15 Eltisley Business Park
Abbotsley, Cambridgeshire
UK PE19 6TX
Phone: (44)1767-677-100

 UK PE19 61X
 Tel:

 Phone: (44)1767-677-100
 01 8

 Email: sales@ultraflexeurope.com
 Ema

Ultraflex México Azafrán No. 112, Col.Granjas México Del. Iztacalco, C.P. 08400, México D.F. Tel: (55)31823632,3182 3608

Del. Iztacalco, C.P. 08400, México D.F. Tel: (55)31823632,3182 3608 01 800 822 52 31 Email: sales.mx@ultraflexx.com Ultraflex Guadalajara Av. Patria No. 2804 Loma Bonita Sur. Zapopan, Jalisco CP45086 Mexico Tel: (55)3312-049-857