ULTRAFLEX SYSTEMS INCORPORATED

Technical Data Sheet

UltraMesh® Supreme

UltraMesh® Supreme is a 9 oz. coated, polyester scrim, mesh banner material. The material allows 25% air-flow through and is designed with slit-like holes for enhanced image quality. The material is ideal for small text or close proximity viewing. UltraMesh Supreme is compatible for use with solvent, eco-solvent, UV, Latex and screen printing on printers using mesh kits. Available in 126" and 196" widths.

Material Details

CHARACTERISTICS	TEST METHOD	METRIC	ENGLISH
Support Cloth	DIN 60001	Polyester	Polyester
Yarn dtex	DIN EN ISO 2060	1100 x 1100 dtex	1000 x 1000 denier
Type of Coating	N/A	PVC	PVC
Total Weight	DIN EN ISO 2286-2	300 g/m^2	9.0 oz/yd^2
Tensile Strength	DIN 53354	2420 x 1127 N/5cm	276 x 128 lbs/in
Tear Strength (warp/weft)	DIN 53353	607 x 196 N	69 x 22 lbs
Flame Resistance	DIN 75200	NFPA701, Title 19, M2, CSFM, UBC 26-6, UBC 26-7, B1	
Low Temperature (No Crack at:)	ISO 1876	-30°C	-22°F
RF Weldable (Heat Sealable)	ISO 1876	Yes	Yes
Air Permeability	EN ISO 9237	1150 L/mm^{2}sec	
Fungus Resistant	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.)

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www.ultrafleXX.com
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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 1 Hardwick Road Industrial Park
Great Gransden Bedfordshire
England SG19 3BJ
Phone: (44)1767-677-100
Email: sales@ultraflexeurope.com

Ultraflex México
Azafrán No. 112, Col.Granjas México
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