ULTRAFLEX SYSTEMS INCORPORATED

Technical Data Sheet

Speaker Mesh™

Speaker Mesh is a 7 oz. PVC coated polyester mesh. Speaker Mesh is printable on two-sides and is compatible for use with solvent, eco-solvent, UV and screen printing. The large-holed mesh allows 70% air-flow through. The material is designed with a special scrim pattern that runs through the open holes catching more ink for optimal ink coverage. Speaker Mesh is best suited for acoustical applications (over concert/venue speakers) or enormous images on building/stadium wraps, murals and protective barriers for scaffolding. Speaker Mesh is well-suited for theatrical and TV backdrops. Available in seamless wide-widths of 126" and 196".

Material Details

CHARACTERISTICS	TEST METHOD	METRIC	ENGLISH
Support Cloth	DIN ISO 2076	Polyester	Polyester
Yarn dtex	DIN EN ISO 2060	1100 / 1100 dtex	1000 x 1000 denier
Type of Coating	N/A	PVC	PVC
Total Weight	DIN EN ISO 2286-2	235 g/m^2	6.9 oz/yd^2
Tensile Strength	DIN EN ISO 1421	900 x 800 N/5cm	102 x 91 lbs/in
Tear Strength (warp/weft)	DIN 53363	300 x 200 N	67 x 45 lbs
Flame Resistance	DIN 4102 B1	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	7200 liter/m^2/sec	
Fungus Resistant	ASTM G21	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

ULTRAFLEX SYSTEMS INCORPORATED
www.ultrafleXX.com
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Ultraflex Systems Inc.
Headquarters
6333 Pelican Creek Circle,
Riverview, FL 33578
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
Email: sales@ultraflexeurope.com