Mesh Banner Material

Ultraflex offers a wide range of mesh products each with their own unique scrim pattern and construction characteristics. Flexible mesh PVC materials work with solvent, eco-solvent, Latex and UV printers and come in a variety of styles and widths to meet specific application requirements.

To learn more about the complete Ultraflex Systems, Inc. portfolio including VorTex™ Soft Signage Solutions, Bravura™ Film Media and Signetics® Magnetic Receptive Media, visit www.ultraflexx.com.

UltraMesh® Blockout - 12.5 oz.*
UltraMesh Blockout is a 12.5 oz. double-sided mesh material. The blockout mesh material is ideal for applications where complete opacity is required. UltraMesh Blockout is printable on both sides. The material allows 35% air-flow through and may be used for billboards, exhibits and event signs. UltraMesh Blockout is compatible for use with solvent, eco-solvent, UV and Latex inks. Available in widths of 126".

UltraMesh® Premium 328 - 10 oz.*
UltraMesh Premium 328 is a 10 oz. coated polyester mesh banner substrate that was engineered for building wraps, fence graphics, barricade graphics and a variety of other indoor and outdoor graphic applications. Ultramesh Premium 328 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 328 is compatible for use with solvent, eco-solvent, UV and Latex printers with a mesh kit. UltraMesh Premium 328 is the choice for print professionals seeking to improve efficiency and reduce seam frequency in grand format mesh applications. Available in widths of 126" and 196".

UltraMesh® Premium 100 - 10 oz.*
UltraMesh Premium 100 is a 10 oz. PVC coated polyester scrim mesh banner material. The basket weave appearance allows 30% air-flow through making it ideal for large building, stadium and fence wraps. UltraMesh Premium 100 may be printed on both sides and is compatible for use with solvent, eco-solvent, UV and Latex printers with a mesh kit. Available in widths of 126" and 196".

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

Strip Mesh Pro LTX - 9 oz.*
Strip Mesh Pro LTX is a 9 oz. mesh with a backer that may be easily removed after printing. The specially designed backer creates an air-tight print surface which prevents ink spray through the material. The backer allows vacuum equipped printers to hold the material flat during printing. The material is compatible for use with solvent, eco-solvent, UV, Latex and screen printing. Strip Mesh Pro LTX allows 25% air-flow through and is ideal for outdoor banners, building wraps, fence mesh graphics, and boulevard banners in high wind areas. Available in widths from 54" - 126".

UltraMesh® Plus - 8 oz.
UltraMesh Plus is an 8 oz. coated, polyester scrim, mesh banner material. The economical light weight material allows 37% air-flow through making it ideal for building, stadium and fence wraps. UltraMesh Plus may be printed on one side and is compatible for use with solvent, eco-solvent, UV and Latex printers that have mesh kits. The product is also available with a PVC backer that peels off after printing called Strip Mesh Plus. Available in 126" and 196" widths.

Strip Mesh Plus - 8 oz.
Strip Mesh Plus is an 8 oz. coated, polyester scrim, mesh banner material with a PVC backer. The backer creates an air-tight print surface to prevent ink spray through while assisting to feed the material through the printer. The backer is easily removed after printing. Like UltraMesh Plus, Strip Mesh Plus allows 37% air-flow through and is ideal for banners, protective barriers and fence wraps. The mateial is compatible for use with solvent, eco-solvent, UV and screen printing. Available in widths from 54" – 126".

UltraMesh® Eclipse® - 7.96 oz.
UltraMesh Eclipse is a 7.96 oz. polyester, black-backed mesh. The material is ideal for applications where complete opacity is required. UltraMesh Eclipse allows 45% air-flow through and may be used for building wraps and fence graphics. UltraMesh Eclipse is compatible for use with solvent, eco-solvent and UV printing. Available in widths of 126" and 196".

UltraMesh® Pro - 7 oz.
UltraMesh Pro is a 7 oz. coated, polyester mesh banner material. The material has been engineered for building wraps, fence graphics, barricade graphics and a variety of indoor and outdoor applications. UltraMesh Pro is compatible for use with solvent, eco-solvent, UV Latex and screen printing. UltraMesh Pro allows for a 30% airflow. Available in widths of 126" and 196".

Speaker Mesh - 7 oz.
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 and UV inks. 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 coverage. Speaker Mesh is best suited for acoustical applications (over concert/venue speakers) or enormous images on building and stadium wraps, murals, protective barriers for scaffolding. Speaker Mesh is well-suited for theatrical and TV backdrops. Available in seamless wide-widths of 126" and 196".

**Certified for HP Latex Inks - please visit the Ultraflex website to verify ICC profiles for specific printer compatibility.*

Mesh Banner Material

Technical Specifications

Product	Weight	Yarn Denier	Tensile Strength lbs/inch	Tear Strength lbs	Flame Resistance			Ink Types			
					NFPA 701 Test #2	Title 19	CSFM	Sol	Eco	UV	Latex
UltraMesh® Blockout	12.5 oz. (420 g)		457 x 263	47 x 88				▲	▲	▲	*▲
UltraMesh® Premium 328	10 oz. (340 g)	1000 x 1000	273 x 171	67 x 56	▲	▲	▲	▲	▲	▲	*▲
UltraMesh® Premium 100	10 oz. (340 g)	1000 x 1000	273 x 171	67 x 56	▲	▲	▲	▲	▲	▲	*▲
UltraMesh® Pro	10 oz. (340 g)	1000 x 1000	273 x 171	67 x 56	▲			▲	▲	▲	▲
UltraMesh® Supreme	9 oz. (305 g)	1000 x 1000	276 x 128	69 x 22	▲	▲	▲	▲	▲	▲	▲
Strip Mesh Pro LTX	9 oz. (305 g)	1000 x 1000	219 x 184	81 x 62	▲			▲	▲	▲	*▲
UltraMesh® Plus	8 oz. (280 g)	1000 x 1000	160 x 160	34 x 34	▲	▲	▲	▲	▲	▲	▲
Strip Mesh Plus	8 oz. (280 g)	1000 x 1000	160 x 160	34 x 34	▲	▲	▲	▲	▲	▲	
UltraMesh® Eclipse®	7.96 oz. (270 g)	1000 x 1000	143 x 130	53 x 50	▲	▲		▲	▲	▲	
Speaker Mesh	7 oz. (235 g)	1000 x 1000	102 x 91	67 x 45	▲	▲	▲	▲	▲	▲	▲

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Product Line

Product	54”	60”	61”	63”	72”	80”	98”	104”	126”	196”
UltraMesh® Blockout									▲	
UltraMesh® Premium 328									▲	▲
UltraMesh® Premium 100									▲	▲
UltraMesh® Pro									▲	▲
UltraMesh® Supreme									▲	▲
Strip Mesh Pro LTX	▲	▲			▲		▲	▲	▲	
UltraMesh® Plus									▲	▲
Strip Mesh Plus	▲			▲	▲	▲	▲		▲	
UltraMesh® Eclipse®									▲	▲
Speaker Mesh									▲	▲

Front-lit ▲ Back-lit ▲ Blockout ▲ Flooring ▲ Mesh ▲ Textiles ▲ Specialty ▲

All statements, technical information and recommendations about Ultraflex products are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All Ultraflex products are sold with the understanding that the purchaser has independently assumed responsibility in determining the suitability of such product for its purposes.

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