



PVC Mesh Media



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

UltraMesh® Supreme

UltraMesh® Supreme is a bright white 10 oz. PVC coated polyester mesh, printable on two sides with UV and Solvent inks. Allowing 25% air-flow through, UltraMesh Supreme is constructed with slit-like holes for an enhanced image compared to traditional meshes. UltraMesh Supreme is best suited for large images on building, stadium and fence wraps, murals, signs, banners, protective barriers for scaffolding as well as theatrical and TV backdrops. Available in seamless wide-widths ranging from 126" - 196".

UltraMesh® 100

UltraMesh® 100 is a 10 oz. PVC coated polyester mesh, printable on two sides with UV and Solvent inks. Allowing 30% air-flow through, UltraMesh 100 is best suited for large images on building, stadium and fence wraps, murals, signs, banners, protective barriers for scaffolding as well as theatrical and TV backdrops. Available in seamless wide-widths ranging from 126" - 196".

UltraMesh® Xcel

UltraMesh® Xcel is a 7 oz. PVC coated polyester mesh, printable on two sides with UV and Solvent inks. Allowing 30% air-flow through, UltraMesh Xcel is constructed with a special scrim pattern that runs through the open holes and catches more ink for optimal ink coverage. UltraMesh Xcel is best suited for large images on building, stadium and fence wraps, murals, signs, banners, protective barriers for scaffolding as well as theatrical and TV backdrops. Available in seamless widths ranging from 72" - 196".

UltraMesh Plus

UltraMesh Plus is an 8 oz. PVC coated polyester mesh, it is printable on one side with UV, Solvent or Screen printers. Allowing 37% air-flow through, UltraMesh Plus is best suited for large graphics on building, stadium and fence wraps, murals, signs, banners, protective barriers for scaffolding as well as theatrical and TV backdrops. This product is also available with a PVC backer peel off called Strip Mesh Plus. UltraMesh Plus is available in a 126" and 198" width.

Strip Mesh Plus

Strip Mesh Plus comes with a PVC backing, it is an 8 oz. PVC coated polyester mesh, and is printable on one side with UV, Solvent or Screen printers. The back-side of the mesh has a protective and air-tight backer which prevents ink spray through when printing and helps feed the material through the printer. This backer may be easily peeled off after printing. Strip Mesh Plus is best suited for front-lit signs and banners and allows 37% air-flow through. This product is available without a PVC backer, called UltraMesh Plus. Strip Mesh Plus is available in widths ranging from 54" - 126".

Applications

Product	Banner	Building Wraps
UltraMesh® Supreme	○	○
UltraMesh® 100	○	○
UltraMesh® Xcel	○	○
UltraMesh Plus	○	○
Strip Mesh Plus	○	○



Technical Specifications

Product	Weight	Yarn dtex English	Yarn dtex Metric	Tensile Strength lbs/inch	Tear Strength lbs	Thickness	Flame Resistance			
							NFPA 701 Test #1	NFPA 701 Test #2	Title 19	CSFM
UltraMesh® Supreme	10 oz/yd ² (350 g/m ²)	1000 x 1000	1100 x 1100	270 x 150	165 x 55	16 mil	N/A	YES	YES	YES
UltraMesh® 100	10 oz/yd ² (340 g/m ²)	1000 x 1000	1100 x 1100	225 x 203	168 x 55	15 mil	N/A	YES	YES	YES
UltraMesh® Xcel	7 oz/yd ² (240 g/m ²)	1000 x 500	1100 x 1000	123 x 101	157 x 44	13 mil	N/A	YES	YES	YES
UltraMesh Plus	8 oz/yd ² (280 g/m ²)	1000 x 1000	1100 x 1100	203 x 184	57 x 68	13 mil	N/A	YES	YES	YES
Strip Mesh Plus	8 oz/yd ² (280 g/m ²)	1000 x 1000	1100 x 1100	203 x 184	57 x 68	13 mil	N/A	YES	YES	YES

Product Line

Product	English	Metric
UltraMesh® Supreme	126"	3.20m
	196"	5.00m
UltraMesh® 100	126"	3.20m
	196"	5.00m
UltraMesh® Xcel	72"	1.83m
	126"	3.20m
	196"	5.00m

Product	English	Metric
UltraMesh Plus	126"	3.20m
	150"	3.80m
	177"	4.50m
	196"	5.00m
Strip Mesh Plus	54"	1.37m
	63"	1.60m
	80"	2.03m
	98"	2.50m
	126"	3.20m

PVC * Textiles * Carpet * Wallcoverings * Rigid * SAV * 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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