ULTRAFLEX
SYSTEMS INCORPORATED

Ultraflex back-lit banner materials are compatible for use with solvent, eco-solvent, UV and Latex printers and come in a variety of thicknesses and sizes to meet your specific application requirements. Our back-lit vinyl is typically used for applications such as banners, billboards and rear-illuminated display systems.

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

Ultralon® IV BL - 20 oz.
Ultralon® IV BL is a 20 oz. coated back-lit banner and billboard substrate manufactured to withstand various types of weather climates. Ultralon IV is extremely durable and is the recommended material to use for long-term, outdoor, back-lit applications. The unique gloss face-film produces vibrant and consistent color. The material is compatible for use with solvent, eco-solvent, UV and Latex inks. Available in widths of 126" and 196".

Vulite® Supreme BL - 15 oz.*
Vulite® Supreme BL is a 15 oz. high-end, back-lit substrate used for indoor or outdoor sign and billboard applications. The coating gives the the material greater strength and resistance to cold and wind. Vulite Supreme BL has a matte finish and is compatible for use with solvent, eco-solvent, UV and Latex inks. Available in widths of 126" and 196".

Vulite® Pro BL - 15 oz.
Vulite® Pro BL is a 15 oz. economical, back-lit substrate used for a wide array of illuminated indoor or short-term outdoor applications. The smooth print surface has been engineered to avoid flow marks when back-lit. Vulite Pro is available in matte and gloss finishes and is compatible for use with solvent, eco-solvent, UV and Latex inks. Available in widths from 54" - 196".

SuperSmooth™ PET BL - 13.5 oz.
SuperSmooth™ PET BL is a 13.5 oz. smooth, scrimless, flat banner material. The material is best suited for back-lit light boxes and is compatible for use with solvent, eco-solvent, UV and screen printing. With its curl-free and super flat characteristics, SuperSmooth PET BL is ideal for indoor or outdoor back-lit applications. Available in widths from 54" - 126".

IllumiSol® BL Film Gloss - 8.5 mil
IllumiSol® BL Film is an 8.5 mil PET film coated on one side making it compatible for use with solvent, eco-solvent and UV inks. IllumiSol's unique base film and quick-drying glossy top coat were specifically designed for superior light diffusion resulting in vivid backlit graphics. The back-side of IllumiSol has a unique lacquer which prevents ink transfer when rolled after printing. Available in widths from 54"- 86" on face-out rolls.

Illumi-Pro® UV 185
Illumi-Pro® UV 185 is a 7.3 mil back-lit, PET film designed specifically for high-speed UV printing. The material has an enhanced white point allowing for pure back-lit imaging. Illumi-Pro UV 185 is 100% PVC free and is printable on two sides (one side offers a matte finish/one side offers a gloss finish). The material is ideal for back-lit banners, light box applications and display systems. Illumi-Pro UV 185 is compatible with UV inks. Available in widths from 40" - 86" on rolls of 328'.

Certified for HP Latex Inks - please visit the Ultraflex website to verify ICC profiles for specific printer compatibility.
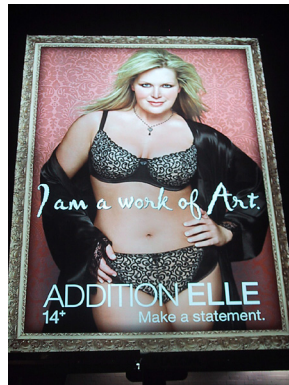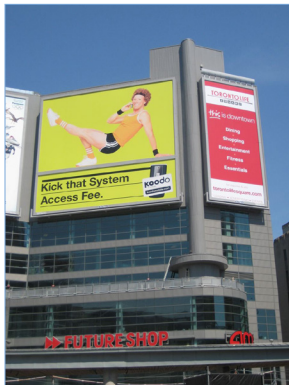
Back-lit Banner Material

Technical Specifications

| Product | Weight | Finish | | Yarn Denier | Tensile Strength lbs/inch | Tear Strength lbs | Flame Resistance | | | Ink Types | | | |
		Gloss	Matte				NFPA 701 Test #2	Title 19	CSFM	Sol	Eco	UV	Latex
Ulltralon® IV BL	20 oz. (680 g)		▲	1000 x 1000	319 x 296	67 x 67	▲	▲	▲	▲	▲	▲	▲
Vulite® Supreme BL	15 oz. (510 g)		▲	1000 x 1000	342 x 285	68 x 57	▲			▲	▲	▲	*▲
Vulite® Pro BL	15 oz. (510 g)	▲	▲	1000 x 1000	236x203	46 x 38	▲	▲	▲	▲	▲	▲	
SuperSmooth™ PET BL	13.5 oz. (460 g)		▲	n/a	156 x 179	0.9 x 0.67				▲	▲	▲	
lllumiSol® BL Film	8.5 oz. (290 g)	▲		PET Film	n/a	n/a				▲	▲	▲	
Illumi-Pro® UV 185		▲	▲	PET Film	n/a	n/a						▲	

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Product Line

Product	36"	40"	42"	50"	54"	60"	72"	80"	86"	98"	126"	150"	196"
Ulltralon® IV BL											▲		▲
Vulite® Supreme BL											▲		▲
Vulite® Pro BL					▲					+▲	+▲		▲
SuperSmooth™ PET BL					▲				▲		▲		
lllumiSol® BL Film					▲	▲	▲	▲	▲				
Illumi-Pro® UV 185		▲			▲		▲		▲				

+ matte finish only

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. +1/-2 variance is allowed on all specs.

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