

IllumiSol BL Film is an 8.5mil PET film coated one-side eco-solvent, solvent, and UV printing. IllumiSol's unique base film and quick-drying glossy top coat were specifically designed for superior light diffusion resulting in vivid backlit graphics. IllumiSol has been specially formulated to prevent the transfer of ink onto the backside of the graphic when rolled up after printing. Available in widths up to 86+.

Material Details

CHARACTERISTICS	TEST METHOD	METRIC	ENGLISH
Film Thickness	Microgauge	175micron	6.9mil
Coating Thickness	Microgauge	40micron	1.6mil
Type of Coating	Microgauge	215micron	8.5mil
Coating Side	One Side	Coating Side Out	
Total Weight	ISO 534	290gsm	8.5oz/yd2
Surface Finish	Gloss		
Storage Recommendations	~All Ultraflex materials should be stored in their original packaging. ~IllumiSol should be stored in temperatures between 10_ and 20_ Celsius, and a relative humidity of 50%.		
Print Recommendations	~Large amounts of solvent ink can activate ink on the backside of the material. ~ It is recommended that inks are allowed time to dry once printed, as rolling material too fast once printed will cause the print to show through the back of the material. ~Ultraflex recommends laying printed IllumiSol on a flat surface prior to posting.		

Applications

	Back-lit Banners	Light Box Applications	Exhibition Panels	Special Effects Displays	Transit Graphics	Display Systems	High Res. Posters
Applications	■	■	■	■	■	■	■

Ink Printability

Solvent	Eco Solvent	UV	Latex	Screen Printing	Dye Transfer	Dye Direct
■	■	■				

Available Sizes

Metric (m)	English (inches)
0.92, 1.37, 1.52, 1.83, 2.03, 2.20	36, 54, 60, 72, 80, 86

Key: ■ - Excellent □ - Good

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 guaranty and do not constitute a warranty. The purchaser should independently determine, prior to use, the suitability of this material for his/her specific purpose. (Data represents averages and is not intended for use as a specification.)