

IllumiSol® BL Film

IllumiSol® BL Film is an 8.5 mil PET film coated on one side for solvent, eco-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's® back side has a unique lacquer that prevents ink transfer when rolled after printing. Available 54"- 86" widths on face-out rolls.

Material Details

CHARACTERISTICS	TEST METHOD	METRIC	ENGLISH
Film Thickness	Microgag	175 micron	6.9 mil
Coating Thickness	Microgag	40 micron	1.6 mil
Type of Coating	Microgag	215 micron	8.5 mil
Coating Side	One Side	Coating Side Out	
Total Weight	ISO 534	290gsm	8.5oz/yd2
Heat Shrinkage	Hyosung Method	≤ 1.5 x ≤ 0.5 %	
Surface Finish	Gloss		
Print Surface	Face Out		
Storage Recommendations	<ul style="list-style-type: none">•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	<ul style="list-style-type: none">•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)
1.37, 1.52, 2.03, 2.20	54", 60", 80", 86"

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