

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", rolled face out on 164' rolls.

Material Details

| CHARACTERISTICS | TEST METHOD | METRIC | ENGLISH |
|-------------------------|---|------------------|-----------|
| Film Thickness | Microgag | 175micron | 6.9mil |
| Coating Thickness | Microgag | 40micron | 1.6mil |
| Type of Coating | Microgag | 215micron | 8.5mil |
| Coating Side | One Side | Coating Side Out | |
| Total Weight | ISO 534 | 290gsm | 8.5oz/yd2 |
| 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. | | |

| | 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.)