

PolyLite® 4.5 is a 4.65 oz. (7.5 mil.) 100% recyclable front-lit Polyethylene (PE) substrate. It is a TCF (Totally Chlorine Free) product which means it contains no chlorine and is manufactured using no chlorine. PolyLite may be used primarily for outdoor billboard and banner applications for up to 1 year printed with UV inks. It is light-weight yet strong, durable and flexible, which allows for easy installation. It may also be used indoors for UV printed signs and banners. PolyLite PE has a white face and silver back, is tear and fade resistant, and was formulated to produce true, vibrant, eye-catching colors. Available in widths up to 144”.

Material Details

CHARACTERISTICS	TEST METHOD	ENGLISH
Support Cloth	DIN ISO 2076	Polyethylene
Construction	N/A	10 x 8
Coating Thickness	N/A	1.5 mils
Total Weight	ASTM D-1910	4.65 oz/yd ²
Tensile Strength	ASTMD-751	185/156 lbs/inch
Tear Strength (warp/weft)	ASTMD-751	60/57 lbs
Bursting Strength	ASTMD-751	N/A
Thickness	N/A	7.5 mils
Flame Resistance	DIN 75200	No FR

Applications

	Backlit	Banner	Billboard	Blockout	Building Wrap	Display Systems	Truckside
Applications		■	■				

Ink Printability

Solvent	Eco Solvent	UV	Screen Printing	Dye Transfer	Dye Direct
		■			

Available Sizes

Metric (m)	English (inches)
Up to 3.6m	Up to 144”

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.)