

UltraFlag® PES S110 is a 3.4 oz, 100% knitted polyester material. The transparent material is ideal for flags, indoor applications and short-term outdoor hanging banners. It has good bleed through which allows for color brilliance. Available in widths of 122” and 198”.

### Material Details

CHARACTERISTICS	TEST METHOD	METRIC	ENGLISH
Support Cloth	DIN ISO 2076	100% PES	100% Polyester
Type of Coating	N/A	Digital coating on one side	
Total Weight	DIN EN ISO 2286-2	115 g/m <sup>2</sup>	3.4 oz/yd <sup>2</sup>
Breaking Force [N/5cm]	DIN EN ISO 13934-1	Warp – 438 Weft – 489	
Elongation at tear [%]	DIN EN ISO 13934-1	Warp – 32 Weft – 74	
Tear Resistance [N/25mm]	DIN EN ISO 9073-4	Warp – 80 Weft – 74	
Flame Resistance	DIN 4102	NFPA701, B1	
Character	N/A	Knitted and transparent	
Added Value	N/A	Wrinkle and crease resistant with good bleed through and allows for excellent color brilliance	
RF Weldable (Heat Sealable)		Yes	

### Applications

	Art Reprographic	Banners Indoor	Banners Outdoor	Displays	Flags	Theatrical	Tradeshow	Wall Covering
Applications		■	■		■	■	■	

### Ink Printability

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

### Available Sizes

Metric (m)	English (inches)
3.10, 5.05	122, 198

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.)