

VorTex™ Backlit S181 is a 5.0 oz., woven polyester coated fabric. The bright white fabric has excellent light diffusion which produces vivid, eye-catching images making it an ideal material for light boxes. VorTex Backlit S181 may be used for a wide range of applications especially for backlit applications and LED-framing systems as well as indoor banner displays. VorTex Backlit S181 is PVC Free, phthalate free, crease resistant and can be recycled under code nr. 1 (PET). The material is compatible with UV and Latex printing. VorTex Backlit S181 is fire resistant and is available in widths from 63” – 196.”

### Material Details

CHARACTERISTICS	TEST METHOD	METRIC	ENGLISH
Base Fabric		Polyester	
Total Weight	EN ISO 2286-2	180±5 g/m <sup>2</sup>	5.31 oz./yd <sup>2</sup>
Thickness		0.24 mm	9.4 mil
Tensile Strength	EN ISO 1421	110 x 110 (N/ 50mm)	628 x 628 lbs/ inch
Tear Strength	DIN 53363	22 x 22 (N)	5 x 5 lbf
Fire Resistance		NFPA 701	

### Applications

	Banner Stands	Banners Indoor	Backlit Display	Display Systems	Flying Banner	Exhibition	POS	Wall Advertising
Application		■	■	■		■	■	

### Ink Printability

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

### Available Sizes

Metric (m)	English (inches)
1.60, 3.20, 5.00	63, 126, 196

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.)