

BIOflex® FL is a 15 oz. front-lit, biodegradable banner/billboard material. BIOflex is coated and similar in performance to Ultima® Supreme. In landfill conditions (darkness, high heat, moisture and lack of oxygen), BIOflex attracts microbes that break down the PVC within 3 - 5 years. The material is Latex compatible and contains no toxic materials making it a functional, environmentally progressive PVC substrate for environmentally conscious projects. Available in widths from 54+ -196+.



### Material Details

CHARACTERISTICS	TEST METHOD	METRIC	ENGLISH
Support Cloth	DIN ISO 2076	Polyester	Polyester
Yarn dtex	DIN EN ISO 2060	1100 x 1100 dtex	1000 x 1000 denier
Type of Coating	N/A	PVC	PVC
Total Weight	DIN EN ISO 2286-2	510 g/m <sup>2</sup>	15 oz/yd <sup>2</sup>
Tensile Strength	DIN EN ISO 1421	2400 x 2200 N/5cm	274 x 251 lbs/inch
Tear Strength (warp/weft)	DIN 53363	250 x 250 N	56 x 56 lbs
Flame Resistance	DIN 75200	NFPA701, Title 19, CSFM, B1	
Low Temperature (No Crack at:)	ISO 1876	Low at -18°C	Low at -0°F
RF Weldable (Heat Sealable)	DIN 53354	Yes	Yes
Fungus Resistant	ASTM G21	Treated	

### Applications

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

### Ink Printability

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

### Available Sizes

Metric (m)	English (inches)
1.37, 1.60, 3.20, 5.00	54, 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 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.)