

BIOflex® FL is a 15 oz. matte finish, strong, indoor/outdoor, front-lit, biodegradable banner/billboard material for UV, solvent or screen-printing. Very similar in all around performance to Ultima® Supreme, BIOflex has one major difference; in landfill conditions (darkness, high heat, moisture and lack of oxygen), it attracts microbes that break down the PVC within 3 to 5 years. BIOflex contains no toxic materials and is tear, fade and fungus resistant. Widths range 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 ²	15 oz/yd ²
Tensile Strength	DIN EN ISO 1421	2400/2200 N/5cm	274/251 lbs/inch
Tear Strength (warp/weft)	DIN 53363	250/250 N	56/56 lbs
Flame Resistance	DIN 75200	NFPA701, CA Fire Marshall, NYC (MEA)	
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	Screen Printing	Dye Transfer	Dye Direct
■	□	■	■		

Available Sizes

Metric (m)	English (inches)
1.37, 1.60, 1.83, 3.20, 5.00	54, 63, 72, 126, 196

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.)