

BIOflex FL is a durable, white, flexible substrate readily available in seamless widths of 54” up to 196” and has a matte finish. Tear and fade resistant, it will withstand all types of weather conditions. BIOflex has been engineered to be the first truly environmentally friendly, biodegradable PVC. It is well suited for applications that require a frontlit digitally printed sign or banner.

Material Details

CHARACTERISTICS	TEST METHOD	METRIC	ENGLISH
Support Cloth		Polyester	Polyester
Yard dtex	DIN EN ISO 2060	1100 x 1100 dtex	
Type of Coating	N/A	PVC	PVC
Total Weight	DIN EN ISO 2286-2	510/m ²	15 oz/yd ²
Tensile Strength	DIN EN ISO 1421	2400/2200 N/5cm	273.6/250.8 lbs/inch
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.)