

TECHNICAL DATA SHEET

# BIOflex™

**DESCRIPTION:**

**BIOflex™** is a durable white, flexible substrate readily available in seamless up to 16'4" (5.00m). 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 sign material. It is well suited for applications that require a front-lit digitally printed sign or banner.

**PHYSICAL PROPERTIES:**

*The following information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. 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.)*

Characteristics	Test Method	Metric	English
Support Cloth	DIN 60001	Polyester	Polyester
Yarn	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	450 g/m <sup>2</sup>	13.2 oz/yd <sup>2</sup>
Width	N/A	Up to 5.00 m	Up to 16'4"
Tensile Strength (warp/ weft)	DIN EN ISO 1421	2400/2200 N/5cm	273,6/250,8 lbs/inch
Tear Strength (warp/weft)	DIN 53363	250/250 N/5cm	56.2/ 56.2 lbs
Flame Resistance	DIN 4102	NEPA 701, CA Fire Marshall, NYC MEA	
Low Temperature No Crack at:	ISO 1876	Low at -15°C	Low at 5°F
RF Weldable (Heat Sealable)	N/A	Yes	Yes



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