



# BIO-Oxford

## Technical Data Sheet

Bio-Oxford is made from 100% "recycled" consumer waste such as plastic bottles, so using these fabrics has a real, positive impact on the waste stream and our environment. Bio-Oxford is a plain weave, 7.5 oz polyester fabric with a canvas-like texture. It's been scoured and heat set for dye sublimation printing but may also be used with direct, UV cure digital printing.

CHARACTERESTICS	TEST METHOD	METRIC	ENGLISH
<b>Material</b>	<b>ASTM D3776-96</b>	<b>100% Polyester</b>	<b>100% Polyester</b>
<b>Weave</b>	<b>ASTM D3776-96</b>	<b>Plain</b>	<b>Plain</b>
<b>Thickness</b>	<b>ASTM D3776-96</b>	<b>.44 mm</b>	<b>0.0175 in (17.5 mil)</b>
<b>Total Weight</b>	<b>ASTM D3776-96</b>	<b>255 grams/Sq. Meter</b>	<b>7.5 oz / Sq Yd (.052 lbs/sq. ft)</b>
<b>Tensile Strength</b>	<b>ASTM D3776-96</b>	<b>2400/2200 N5cm</b>	<b>510 grams/Sq. Meter</b>
<b>Tear Strength warp/weft</b>	<b>ASTM D3776-96</b>	<b>250/250 N</b>	<b>56/56</b>
<b>Flame Resistance</b>	<b>ASTM D3776-96</b>	<b>NFPA 701</b>	<b>NFPA 701</b>

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. (Date represents average and is not intended for use as a specification.)