

Technical specification sheet

Ball & Doggett
ballanddoggett.com.au

Product: Ecobanner

ecobanner

Category: Sign, Display & Digital

The only Australian made, PVC free flexible banner fabric capable of offering 100% closed the loop recycling solution.

- / Ideal for large format billboards and banners
- / 2 year UV warranty on fabric
- / Designed to be re-purposed back into the manufacturing stream. Creating a true end to life solution, which avoids landfill
- / Free from toxins such as lead, phthalate, BPA, BPS and PFAS, which maybe harmful substances
- / Prop 65 Compliant
- / Superior strength-to-weight ratio, easier to fabricate, install, handle and transport / Dirt repellent coating
- / Manufactured in accordance with ISO 9001:2015
- / Developed and manufactured in Australia

CHARACTERISTIC	TEST METHOD	AVERAGE VALUES (FRONT LIT)
Composition		100% Polypropylene
Fabric width		1600mm / 3200mm
Roll size		50M, 100M
Fabric mass		190gsm ± 10
Nominal thickness		0.3mm
Temperature range		-40°C to +70°C
Surface		Gloss
Colours		White front / Grey back
Tensile strength - Warp		1331 N/50mm
Elongation at break - Warp		24%
Tensile strength - Weft		1017 N/50mm
Elongation at break - Weft	AS4878.6 - Method 1	19%
Wing tear - Warp		109N
Wing tear - Weft	AS4878.7 - Method A2	63.6N
Flammability index	AS1530.2	1
Flammability indices	AS1530.3	
Ignitability index		14
Spread of Flame index		0
Heat evolved index		1
Smoke developed index		3

Flammability Certificates available on request

The above results are typical averages from quality assurances testing and are not to be taken as a minimum specification nor as forming any contract between the manufacture and Ball & Doggett. Due to continuous product improvement product specifications are subject to alteration without notice. Testing is always recommended prior to commercial production.

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CHARACTERISTIC	TEST METHOD	AVERAGE VALUES (BACKLIT)
Composition		100% Polypropylene
Fabric width		1600mm / 3200mm
Roll size		50M, 100M
Fabric mass		190gsm ± 10
Nominal thickness		0.3mm
Temperature range		-40°C to +70°C
Surface		Gloss, printable both sides
Colours		White
Tensile strength - Warp		1331 N/50mm
Elongation at break - Warp		24%
Tensile strength - Weft		1017 N/50mm
Elongation at break - Weft	AS4878.6 - Method 1	19%
Wing tear - Warp		109N
Wing tear - Weft	AS4878.7 - Method A2	63.6N
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Usage Instructions

Suitable for hot air and hot wedge welding.

Not suitable for high frequency welding.

Do not use against flames.

Contact with organic solvents, halogens or highly acidic substances may reduce the service life of the fabric and voids warranty.

100% polypropylene accessories required to be capable of closed loop recycling.

Conversion⁺

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Flat bed cutters | <input type="checkbox"/> Friction fed cutters | <input type="checkbox"/> Cold overlaminating | <input type="checkbox"/> Eco Solvent inkjet |
| <input type="checkbox"/> Die cutting | <input type="checkbox"/> Thermal transfers | <input type="checkbox"/> Aqueous | <input type="checkbox"/> Solvent |
| <input type="checkbox"/> Screen printing | <input type="checkbox"/> Offset printing | <input checked="" type="checkbox"/> Latex | <input checked="" type="checkbox"/> UV Inkjet |

⁺Always test with your combination of printer and inks prior to commercial use.

Application

/ Billboards

/ Banners

/ Pull up banners

/ Signage (Indoor or Outdoor)