

GALE
COMMERCIAL

Ecobanner™

Back Lit

Product Profile



Ecobanner is a polypropylene (PP) banner fabric engineered for large-format billboard and lightbox applications. With a proprietary 100% closed-loop recycling capability and dirt-repellent coating.

Features and Benefits

- **Back-lit version offers double-sided printability for versatile illuminated signage, while the front-lit version provides vibrant colour with a grey-back, optimised for front-lit applications.**
- **No Equipment Changes:** The specialised dirt-repellent PP fabric is compatible with current printing equipment and fabrication processes so switching from PVC does not require retooling or retraining.
- **Extreme Resilience:** Developed and coated in Australia and engineered to perform reliably from -40°C to +70°C without losing structural stability, as proven on the Southern Hemisphere's largest billboard.
- **Eco-Friendly & Safe:** 100% recyclable to be re-purposed back into the manufacturing stream*; Prop 65 Compliant; PFAS, lead, and phthalate-free, manufactured with no chlorine, plasticisers, or heavy metals.
- **Superior Strength-to-Weight Ratio:** Tensile and tear performance required for large-format outdoor installations while remaining lightweight enough for easier fabrication, installation, handling, and transport.

1 Year
WarrantyPolypropylene
FabricDesigned in
AustraliaClosed Loop
Recycling

GREENGUARD

Lead &
Phthalate Free

PFAS Free



PVC Free

For more information, visit galecommercial.com

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Technical Specifications

Fabric Properties		
	Metric - AS 2001.2.13 (mass per unit)	Imperial
Nominal Fabric Mass	190 gsm ± 10	5.6 oz/yd ²
Approx. Thickness	0.30 mm	11.8 mils
Printing Technique	UV Cured & Latex Ink Printable on Both Sides	
Composition	Polypropylene	
Temperature Range	-40°C to +70°C	-40°F to +158°F
Surface	Gloss, Printable Both Sides	
Colours	White	

Roll Specifications		
	Metric (mass per unit)	Imperial (mass per unit)
Fabric Widths	1,600mm / 3,200mm	63 in / 126 in
Roll Lengths	50m, 100m	55 yd, 109 yd
Approx. Roll Weight	35 kg, 65 kg	77.2 lbs, 143.3 lbs
Approx. Roll Diameter	0.18 m	0.59 ft
Core Diameter	77 mm	3.03 in

Performance Data

Flammability		
Certification	Test	Value
AS 1530.2-Part 2 - Flammability Test	Flammability Index (Range 0-100)	1

Breaking Force and Elongation at Break – Method 1 (AS 4878.6-2001)

Breaking Force – Warp	1331 N/50mm
Elongation at Break – Warp	24 %
Breaking Force – Weft	1017 N/50mm
Elongation at Break – Weft	19 %

Tear Resistance – Single Tear – Method A2 (AS 4878.7-2001)

Wing Tear – Warp (Median)	109 N
Wing Tear – Weft (Median)	63.6 N

Shelf Life & Durability

Shelf Life	6 Months from Manufacture
Indoor Durability	5 Years
Outdoor Durability	2 Years

Printing Technique

UV Cured & Latex Ink Printable

*Certifications and test results available upon request.

Usage & Care

Printing & Compatibility

Compatible with UV cured and latex ink printing. Works with existing printing equipment and fabrication processes; no retooling required.

Not suitable for high frequency welding; suitable for hot air and hot wedge welding. Do not use near open flames. Avoid contact with organic solvents, halogens, or highly acidic substances, as these will reduce service life and void the warranty.

*Polypropylene accessories required for closed-loop recycling compatibility (available from GALE Commercial).

Storage

Store in a stable, low humidity environment to avoid moisture interference. Keep rolls in airtight wrapping and shield from direct sunlight and UV light. Store separately from PVC and other materials to prevent chemical interaction or cross-contamination.