

# BL240R

## Blackback Display Textile 240g/m2



Vertex BL240R Blackback Textile is a premium knitted polyester fabric for high-impact visual displays. Made with partially recycled content, it offers a more sustainable option without sacrificing performance. Its high-performance black reverse provides true blockout, preventing light bleed-through and ensuring vibrant, consistent colour reproduction—ideal for brightly lit environments requiring strong opacity and clarity.

### Material Properties

SPECIFICATION	RESULT
Construction	100% polyester warp-knit fabric with a tight weave
Weight (gsm)	240 g/m (±5% average fluctuation)
Whiteness	85 ±2% (CIE Whiteness Index)
Shrinkage	<2% (Warp & Weft); Test condition: 200 °C, 30s
Elasticity	Warp: ≤2% ; Weft: ≤2%
Tensile Strength (N/50mm) Warp	1200 Test condition: 23 °C, 50%
Tensile Strength (N/50mm) Weft	800 Test condition: 23 °C, 50%
Tearing Strength (N/50mm) Warp	180
Tearing Strength (N/50mm) Weft	150
Opacity (%)	≥99% (complete blockout, no light transmission)
Shelf Life (Unprinted)	24 Months
Recommended Fixation Temperature	190 - 210 °C (for sublimation direct/transfer printing)
Yellowing	≥205 (no visible yellowing under continuous heating for 30s)

### Print Compatibility

UV	SOLVENT	ECO-SOLVENT	LATEX	DYE-SUB
•			•	•

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**Certifications**

SPECIFICATION	RESULT	TEST METHOD	TEST DATE
Fire Rating	B-s1, d0	EN 13501-1, ISO 11925-2	03.03.2026
Reach Compliant	Fully Compliant EU	SGS REACH Testing	03.03.2026
PFAS Free	100% PFAS Free	ISO 21676, ASTM D7993	03.03.2026
Phthalate Free	100% Phthalate Free	EN 14372, ASTM D3421	03.03.2026
Global Recycling Standard	100% PVC-Free	SGS-CSTC Standards	03.03.2026

**Available Widths**

X=Length Y=Width	30m	50m	65m	70m	100m	200m
914mm						
1100mm						
1070mm						
1370mm						
1600mm						
3200mm				•		
5000mm						
5050mm				•		

# BL24OR

## Blackback Display Textile 240g/m<sup>2</sup>



### Printer Compatibility

It is the customer's responsibility to ensure that materials purchased are compatible with their specific printer model. Customers should review and follow the printer manufacturer's guidelines and specifications prior to purchase and use.

We recommend starting with the media-specific ICC print profile and adjusting settings as required to achieve the desired output. Temperature, storage, and handling conditions may affect print performance.

### Storage & Handling

To maintain product quality:

- Store the roll in its original packaging where possible.
- Rolls should be stored suspended or upright, rather than flat on the floor, to prevent flat spots forming.
- Allow the material to acclimatise to the printing environment for at least 24 hours prior to use by storing it in the same room as the printer.

### Recommended Print Environment

For optimal printing performance, operate in the following conditions:

- Temperature: **5°C – 30°C**
- Relative Humidity: **50% ±5%**
- Environment: **Clean and dust-free printing area**

Use certified inks and printers where possible. Printers with a pre-heat function are recommended to achieve the best print results.

### Disclaimer

We operate a policy of continuous product improvement and reserve the right to modify product specifications without prior notice. All information provided, whether verbal or written, is given in good faith and is approximate only. It does not constitute part of any contract. The customer is responsible for determining the suitability of the product for the intended application and assumes all risks and liabilities associated with its use or inability to use. We do not accept liability for any variance, including direct, indirect, or consequential loss arising from the use of this product.