beautiful
LARGE FORMAT PRINT

Unit 7, Deanland Business Park, Golden Cross, East Sussex, BN27 3RP
01825 872 040 | hello@beautiful.co.uk | **beautiful.co.uk**

MATERIAL DATASHEET · FABRICS

Backlit Fabric

A soft-touch woven polyester made for lightboxes, giving very vivid colour when lit from behind. Printed in-house by dye sublimation.

Ref BK-FAB-190
Issue October 2026

WEIGHT	WIDTHS	FIRE RATING	PRINT
190gsm	**Up to 3.2m**	**B-s1, d0**	**Dye-sub**
100% woven polyester	Wide graphics without a seam	EN 13501-1	Colour bonded into the fibre

ABOUT THIS MATERIAL

The woven construction spreads light evenly through the graphic, so lightbox prints look bright and saturated without hot spots. Up to 3.2m wide, so large retail and exhibition lightboxes can be made in one piece.

GOOD FOR

- SEG lightboxes and illuminated stand walls
- Retail window and in-store lightboxes
- Backlit counters and display frames

TECHNICAL PROPERTIES

Weight	**190gsm**
Construction	**100% woven polyester**
Weave	**Woven, 75 x 150 denier**
Roll widths	**1,600mm, 2,600mm and 3,200mm**
Ink	**Dye sublimation**
Chemicals	**REACH compliant**

HOW WE PRINT AND FINISH IT

PRINT METHOD	EDGE FINISHING	SIZES	USE
Dye sublimation, single sided	**Raw, hem, hem + eyelets, Velcro, pole pockets, silicone edge 10mm (T3) or 14mm**	**Any custom size, or standard A and poster sizes**	**Indoor**

FIRE PERFORMANCE

B-s1, d0

Reaction to fire, EN 13501-1:2018

Valid when mechanically fixed with no joins, as tested. Venues usually want the test report itself, so download it alongside this sheet.

Fire test report (PDF)

Tested to	**EN 13823 (SBI) and EN ISO 11925-2**
Smoke	**s1, the lowest smoke class**
Flaming droplets	**d0, none**
Test report	**SGS AJFTS26007151R01_EN, 10 September 2026**
Fabric tested	**Tissaro Aura, 188 g/m²**

Typical values. Figures come from the fabric manufacturer's data and test reports and can vary slightly between batches. If your venue needs something specific, ask us before you order and we'll check it for you.

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