EPIC
DISTRIBUTION

TECHNICAL DATA SHEET

BLACK BACK DISPLAY FABRIC

EOS



FULL OPACITY. ZERO SHOW-THROUGH.

Warp-knitted polyester with a white printable face and black resin-coated backing for full opacity.

WEIGHT	WIDTH	THICKNESS	LIGHT SHADING	TRANSFER TEMP
260 gsm	320 cm	0.43 mm	100 %	195–205°C

TECHNICAL SPECIFICATIONS

RESULT | STANDARD

	PROPERTY	TEST METHOD	STANDARD	RESULT	PERFORMANCE	PASS
PHYSICAL	**Finished Material Weight**	ASTM D-3776	260 g/m² (±5 g)	**260 g/m²**	ON SPEC	✓
	Width	ASTM D751-2006	320 cm (±1 cm)	**320 cm**	ON SPEC	✓
	Thickness	ASTM D-1777	0.44 mm (±0.05 mm)	**0.43 mm**	ON SPEC	✓
MECHANICAL	**Stretch** 4.54 kgf / 10 lbf	ASTM D 2594	2.2 % (±1 %) 3.0 % (±2 %)	L **1.8 %** W **2.0 %**	ON SPEC ON SPEC	✓ ✓
	Elongation at Break	ISO 13934.1-2013	> 60 % > 80 %	L **67 %** W **88 %**	+12% +10%	✓ ✓
	Breaking Strength	ISO 13934.1-2013	> 300 N > 500 N	L **407 N** W **804 N**	+36% +61%	✓ ✓
	Tearing Strength	ISO 13937.2-2000	> 15 N > 15 N	L **18 N** W **38 N**	+20% +153%	✓ ✓
	Bursting Strength	ASTM D3787-2007(2011)	> 600 N	**916 N**	+53%	✓
OPTICAL	**Yellowing**	ISO 13655-2009	ΔE < 2	**ΔE 1.94**	3% UNDER	✓
	Light Shading	FZ/T62025-2015	100 %	**100 %**	ON SPEC	✓
THERMAL	**Shrinkage** 205°C, 0.65 m/min	—	< 2 % < 2 %	L **1.0 %** W **0.3 %**	50% UNDER 85% UNDER	✓ ✓
	Transfer Temperature	—	195–205°C, 0.65–2 min	—		

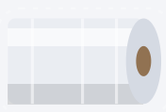
INK SUPPORT

- ✓ DYE DIRECT
- ✓ DYE TRANSFER
- ✗ SILK-SCREEN
- ✗ LATEX
- ✓ UV
- ✗ SOLVENT / ECO

COMPATIBLE PRINTERS

DYE DIRECT	DYE TRANSFER	UV
Roland	Mutoh	HP
Mimaki	Mimaki	
Epson	Epson	
Dgen	Dgen	
Mutoh		

PACKAGE · OPTION 1



Individually packed
3" core in plastic bag
woven outer bag

PACKAGE · OPTION 2



Individually packed
3" core in plastic bag
hard tube, nail/screw caps

STANDARD WIDTHS

↔ **160 / 250 / 320 / 500 cm**

110–500 cm custom widths

STANDARD LENGTHS

50 / 75 / 100 m

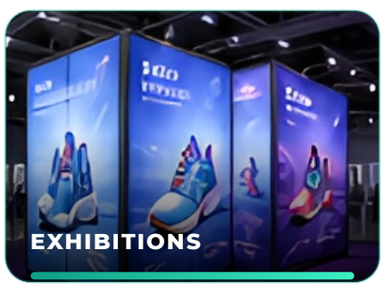
Roll length tolerance ±10%

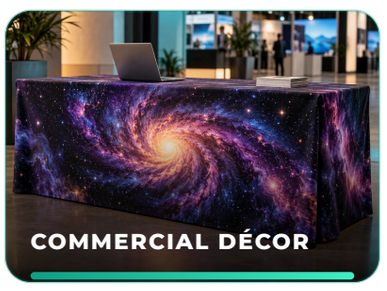
PERFECT FOR INDOOR DISPLAYS, BOOTH SYSTEMS, BACKDROPS, COMMERCIAL & INTERIOR DÉCOR











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SCAN FOR SPECS

All data are average test results provided as a guide only and should not be used for warranty purposes. Buyers should independently test and determine product suitability.

THE COLLECTION · HALO · TESA · AURELINE · LUMEX · RIO · **EOS** · GHOST · RANGE · VEIL

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