EPIC
DISTRIBUTION

TECHNICAL DATA SHEET

4-WAY STRETCH DISPLAY FABRIC

RANGE



STRETCHES EVERY WAY. WRAPS EVERY SHAPE.

Texturized warp knit, 90% polyester and 10% spandex, with soft four-way stretch for hanging banners, pop-ups and 3-D shapes.

WEIGHT	WIDTH	THICKNESS	STRETCH L / W	TRANSFER TEMP
230 gsm	320 cm	0.53 mm	30 / 12 %	195–205°C

TECHNICAL SPECIFICATIONS

RESULT | STANDARD

	PROPERTY	TEST METHOD	STANDARD	RESULT	PERFORMANCE	PASS
PHYSICAL	**Finished Material Weight**	ASTM D-3776	230 g/m² (±5 g)	**227 g/m²**	✓ ON SPEC	✓
PHYSICAL	**Width**	ASTM D751-2006	320 cm (±1 cm)	**320 cm**	✓ ON SPEC	✓
PHYSICAL	**Thickness**	ASTM D-1777	0.53 mm (±0.05 mm)	**0.54 mm**	✓ ON SPEC	✓
MECHANICAL	**Stretch** 4.54 kgf / 10 lbf	ASTM D 2594	31.0 % (±5 %) 11.5 % (±2 %)	L **30.0 %** W **12.4 %**	✓ ON SPEC ✓ ON SPEC	✓ ✓
MECHANICAL	**Elongation at Break**	ISO 13934.1-2013	> 120 % > 110 %	L **169 %** W **134 %**	+41% +22%	✓ ✓
MECHANICAL	**Breaking Strength**	ISO 13934.1-2013	> 400 N > 500 N	L **493 N** W **628 N**	+23% +26%	✓ ✓
MECHANICAL	**Tearing Strength**	ISO 13937.2-2000	> 20 N > 20 N	L **34 N** W **32 N**	+70% +60%	✓ ✓
MECHANICAL	**Bursting Strength**	ASTM D3787-2007(2011)	> 800 N	**998 N**	+25%	✓
OPTICAL	**Yellowing**	ISO 13655-2009	ΔE < 2	**ΔE 0.59**	70% UNDER	✓
OPTICAL	**Light Shading**	FZ/T62025-2015	44 % (±5 %)	**44 %**	✓ ON SPEC	✓
THERMAL	**Shrinkage** 205°C, 0.65 m/min, 300×300 cm	—	< 2 % < 2 %	L **0.8 %** W **0.2 %**	60% UNDER 90% UNDER	✓ ✓
THERMAL	**Transfer Temperature**	Dye-sub transfer	195–205 °C	**0.65–2 min**	Recommended press setting	—

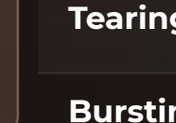
INK SUPPORT

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

COMPATIBLE PRINTERS

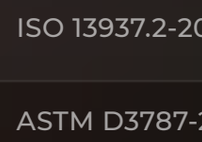
DYE DIRECT	DYE TRANSFER	UV
—	Mutoh Mimaki Epson Dgen	—

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 cm**

110–320 cm custom widths

STANDARD LENGTHS

50 / 75 / 100 m

Roll length tolerance ±10%

PERFECT FOR HANGING BANNERS, TRADE SHOW, POP-UPS, BOOTH SYSTEMS & GRAND FORMAT











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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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