EPIC
DISTRIBUTION

TECHNICAL DATA SHEET

SOFT LIGHT BOX FABRIC

# LUMEX



## BOLD GRAPHICS. BEAUTIFUL LIGHT.

100% polyester soft woven fabric with a glossy surface — good opacity for light box applications.

| WEIGHT | WIDTH | THICKNESS | LIGHT SHADING | TRANSFER TEMP |
|---|---|---|---|---|
| 195 gsm | 320 cm | 0.23 mm | 52 % | 180–205°C |

## TECHNICAL SPECIFICATIONS

RESULT | STANDARD

| | PROPERTY | TEST METHOD | STANDARD | RESULT | PERFORMANCE | PASS |
|---|---|---|---|---|---|---|
| PHYSICAL | **Finished Material Weight** | ASTM D-3776 | 200 g/m² (±5 g) | **195 g/m²** | ON SPEC | ✓ |
| | **Width** | ASTM D751-2006 | 320 cm (±1 cm) | **320 cm** | ON SPEC | ✓ |
| | **Thickness** | ASTM D-1777 | 0.28 mm (±0.05 mm) | **0.23 mm** | ON SPEC | ✓ |
| MECHANICAL | **Stretch**<br>4.54 kgf / 10 lbf | ASTM D 2594 | 1.6 % (±1 %)<br>2.2 % (±1 %) | L **2.0 %**<br>W **2.2 %** | ON SPEC<br>ON SPEC | ✓<br>✓ |
| | **Elongation at Break** | ISO 13934.1-2013 | > 30 %<br>> 30 % | L **33 %**<br>W **34 %** | +10%<br>+13% | ✓<br>✓ |
| | **Breaking Strength** | ISO 13934.1-2013 | > 500 N<br>> 500 N | L **921 N**<br>W **984 N** | +84%<br>+97% | ✓<br>✓ |
| | **Tearing Strength** | ISO 13937.2-2000 | > 10 N<br>> 10 N | L **24 N**<br>W **15 N** | +140%<br>+50% | ✓<br>✓ |
| | **Bursting Strength** | ASTM D3787-2007(2011) | > 1000 N | **1362 N** | +36% | ✓ |
| OPTICAL | **Yellowing** | ISO 13655-2009 | ΔE < 2.5 | **ΔE 1.84** | 26% UNDER | ✓ |
| | **Light Shading** | FZ/T62025-2015 | 50 % (±5 %) | **52 %** | ON SPEC | ✓ |
| THERMAL | **Shrinkage**<br>205°C, 0.65 m/min, 30×30 cm | — | < 3 %<br>< 3 % | L **2.7 %**<br>W **2.3 %** | 10% UNDER<br>23% UNDER | ✓<br>✓ |
| | **Transfer Temperature** | — | 180–205°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 | — |
| 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 cm**

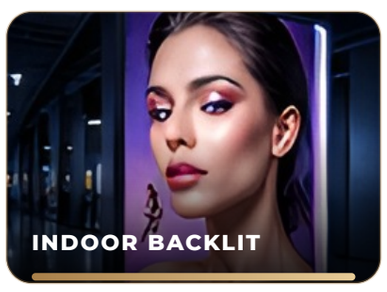
110–320 cm custom widths

### STANDARD LENGTHS

**50 / 75 / 100 m**

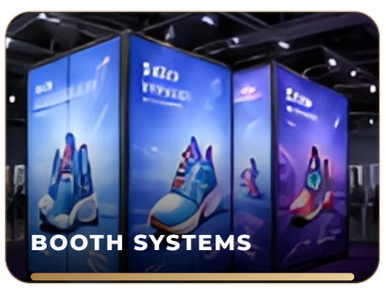
Roll length tolerance ±10%

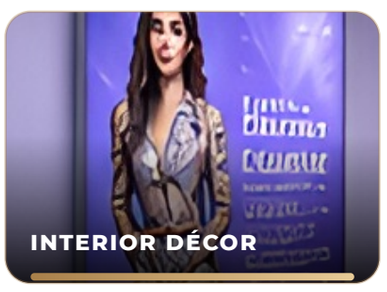
## PERFECT FOR INDOOR BACKLIT DISPLAYS, BOOTH SYSTEMS, COMMERCIAL & INTERIOR DÉCOR













qrco.de/epic-lumex

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

EPIC DISTRIBUTION
725 E. Debra Ln., Anaheim, CA 92805
(714) 533-8400
sales@epic-dist.com
epic-dist.com