EPIC
DISTRIBUTION

TECHNICAL DATA SHEET

PREMIUM LIGHT BOX FABRIC

# AURELINE

## ZERO LIGHT LEAK. UNIFORM BRIGHTNESS.

100% knit polyester, matte finish with a fine brushed textile structure.
Light box fabric with no light leak.



| WEIGHT | WIDTH | THICKNESS | LIGHT SHADING | TRANSFER TEMP |
|---|---|---|---|---|
| 260 gsm | 320 cm | 0.57 mm | 61 % | 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 | ✓ |
| PHYSICAL | **Width** | ASTM D751-2006 | 320 cm (±1 cm) | **320 cm** | ON SPEC | ✓ |
| PHYSICAL | **Thickness** | ASTM D-1777 | 0.55 mm (±0.05 mm) | **0.57 mm** | ON SPEC | ✓ |
| MECHANICAL | **Stretch**<br>4.54 kgf / 10 lbf | ASTM D 2594 | 2.0 % (±1 %)<br>3.0 % (±2 %) | L **2.4 %**<br>W **3.8 %** | ON SPEC<br>ON SPEC | ✓<br>✓ |
| MECHANICAL | **Elongation at Break** | ISO 13934.1-2013 | > 90 %<br>> 60 % | L **97 %**<br>W **69 %** | +8%<br>+15% | ✓<br>✓ |
| MECHANICAL | **Breaking Strength** | ISO 13934.1-2013 | > 300 N<br>> 800 N | L **388 N**<br>W **1107 N** | +29%<br>+38% | ✓<br>✓ |
| MECHANICAL | **Tearing Strength** | ISO 13937.2-2000 | > 15 N<br>> 30 N | L **16 N**<br>W **36 N** | +7%<br>+20% | ✓<br>✓ |
| MECHANICAL | **Bursting Strength** | ASTM D3787-2007(2011) | > 1000 N | **1215 N** | +22% | ✓ |
| OPTICAL | **Yellowing** | ISO 13655-2009 | ΔE < 2 | **ΔE 1.14** | 43% UNDER | ✓ |
| OPTICAL | **Light Shading** | FZ/T62025-2015 | 62 % (±5 %) | **61 %** | ON SPEC | ✓ |
| THERMAL | **Shrinkage**<br>205°C, 0.65 m/min, 30×30 cm | — | < 2 %<br>< 2 % | L **1.3 %**<br>W **0.3 %** | 35% UNDER<br>85% UNDER | ✓<br>✓ |
| THERMAL | **Transfer Temperature** | — | 195–205°C, 0.65–2 min | — | | |

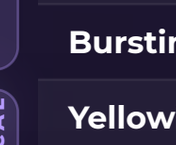
### INK SUPPORT

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

### COMPATIBLE PRINTERS

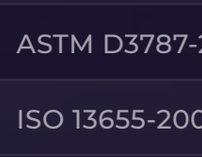
| DYE DIRECT | DYE TRANSFER | UV |
|---|---|---|
| Roland | Mutoh | HP |
| Mimaki | Mimaki | |
| Epson | Epson | |
| Dgen | Dgen | |
| Mutoh | | |

### 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 cm**

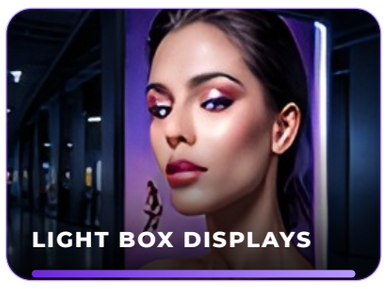
110–320 cm custom widths

### STANDARD LENGTHS

**50 / 75 / 100 m**

Roll length tolerance ±10%

## PERFECT FOR LIGHT BOXES AND BACK-LIT SYSTEMS



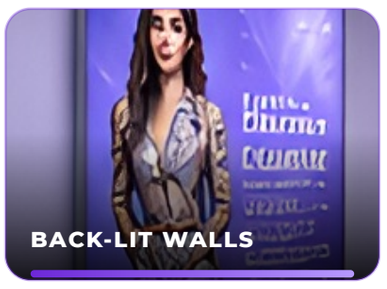










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SCAN FOR SPECS

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.

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