Cooley / SIGN & SHADE SOLUTIONS

BACKLIT SIGN
& AWNING

# LUMABRITE®




20 oz/yd$^2$ | 22 mils

**Applications:**
Outdoor Advertising
Backlit Signs
Awning

**Widths Available**
Up to 196 in.

**Added Benefits**

Upgraded 10-year warranty*
Flexible, eradicable
Inkjet printable
UV, fire, and weather resistant
Excellent color and durability
UL Certified/ CSFM Certified

**Solvent, UV, and Screen Printable**

*For more information regarding Cooley warranties, contact Cooley Customer Service.

**LumaBrite®** is the evolution of Cooley's original backlit sign and awning material—refined through years of real-world performance. Designed to help your brand shine, LumaBrite delivers exceptional light diffusion, vibrant color, and smooth, uniform translucency. Its nearly invisible scrim provides consistent illumination and supports both screen and digital printing for accurate PMS and corporate color matching and custom striping up to 78".

This next-generation design incorporates meaningful material enhancements to improve long-term reliability and durability. Increased UV stabilization and advanced biocide protection help resist fading, fungus, and mildew while maintaining brightness and color integrity in demanding environments. To further reinforce confidence, LumaBrite is backed by an industry leading 10-year non-prorated warranty.

**Cooley Sign & Shade Solutions** is a global leader in the development, manufacturing, and distribution of premium sign, awning, and canopy materials. Committed to high performance, Cooley meets all local and national fire-retardancy, quality, and safety standards, while offering some of the industry's most extensive warranties.

**For more information, please contact Cooley Sign & Shade Solutions**

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TECHNICAL DATA

| COATED FABRIC SPECIFICATIONS* | |
|---|---|
| Total Weight | 20 oz/yd$^2$ |
| Coating Type | PVC |
| Coating Distribution | Double Sided |
| Sealing Properties | Dielectric \| Thermal |

Revision Date: 3 May 2025
Expiry Date: 3 May 2030

** A variety of standard widths and colors are available.*

| PROPERTY | | MINUMUM | TYPICAL | TEST METHOD |
|---|---|---|---|---|
| Tensile Strength, 1" Strip | Warp | 140 lbs | 155 lbs | ASTM D751 |
| | Fill | 130 lbs | 145 lbs | ASTM D751 |
| Tear Strength, Trapezoidal | Warp | 30 lbs | 40 lbs | ASTM D751 |
| | Fill | 20 lbs | 30 lbs | ASTM D751 |
| RF Seam Adhesion Strength | | 8 lbs/in | 11 lbs/in | ASTM D751 |
| Shrinkage (200$^{O}$F) | | <1.5% | 1.0% | ASTM D1204 |
| Light Transmission | | 30% | | ASTM D1494 |
| Low Temperature Bend | | -30$^{O}$F | | ASTM D2136 |
| High Temp, Cont/Interim | | 180/200$^{O}$F | | ASTM D1204 |
| Mildew/ Fungus Resistance | | No Growth | | ASTM G21 |
| Flame Resistance | | Pass | | NFPA 401 (small scale)<br>NFPA (large scale)<br>CSFM certified |

*The information contained herein or that is supplied by us, or on our behalf, is based upon data obtained through our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data, the results obtained from the use thereof, or that any such use will not infringe upon any patent. This information is furnished upon the condition that the person receiving it shall evaluate its suitability for the specific application.*



**For further information, please contact Cooley Sign & Shade Solutions**:
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