



BACKLITE

0.01" Polycarbonate
Flexible, Matte White Finish

COMMON USES

Sign Frames & Light Boxes

ENVIRONMENT

Indoor & Outdoor

SIZE OPTIONS

Custom Size

PRINT SIDES

Single-Sided



BUILT FOR BACKLIGHTING

Flexible polycarbonate for light boxes & sign frames.



MATTE WHITE DIFFUSION

Even, glare-free illumination, day or night.



WIDE TEMP RANGE

Durable indoor & outdoor performance.

Technical Data Sheet

MECHANICAL

Tensile @ Yield (D882)	8,500 psi
Tensile Ultimate (D882)	9,000 psi
Gardner Impact @0.03" (D3029)	23 ft-lb
Tear Propagation (D1922)	30-55 g/mil
Fold Endurance 0.010" (D2176)	130 double folds

Tensile Modulus (D882)	300,000 psi
Elongation at Break (D882)	100-150%
Tear Initiation (D1004)	1.4-1.8 lb/mil
Fold Endurance 0.020" (D2176)	20 double folds

THERMAL

Thermal Conductivity (D5470)	1.35 Btu/hr/ft ² /°F/in
Thermal Expansion (E831)	3.2 × 10 ⁻⁵ /°F
Specific Heat @40°F (E1269)	0.3 Btu/lb/°F
Shrinkage @302°F (D1204)	1.40%

Glass Transition (D3417/D3418)	307°F
Vicat Softening B (I525-00)	323°F
Heat Deflection (TMA @1.8 MPa)	290°F
Brittleness Temp (D746)	-211°F

PHYSICAL

Density (D792)	2.3 slug/ft ³
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Surface Roughness RMS (B46-01)	55
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