

## BULLET SHIELD™

## 1" Sheet

### BALLISTIC GLAZING - LEVEL 2

BulletShield™ 1" ballistic grade sheet is a 1.000", 4-ply polycarbonate laminate that meets the UL 752 Level 2 rating for .357 Magnum ballistic attack and HP White TP 0500 Level IV. Unlike glass-clad products, this all-polycarbonate laminate resists spalling and white-out after repeated high force and ballistic impacts, an advantage in maintaining visibility of a threat during an attack. All BulletShield 1" products incorporate DefenseLite® polycarbonate sheet produced for high optical quality insecurity glazing laminates. Exterior surfaces have a proprietary DefenseLite AR hardcoat that facilitates cleaning and resists marring, chemical attack, and graffiti. BulletShield 1" sheet has a seven (7) year Limited Product Warranty against coating failure, yellowing, and hazing. The terms of the warranty are available upon request.

### Applications

Government and detention facilities, banks, heavy equipment glazing, specialty retailers, 24 hour convenience stores, cash transaction windows, hospitals, safe rooms, and executive offices.

TYPICAL PROPERTIES*	
Property	Values
Gauge / Tolerance	1.05 in ± 5%
Weight	6.5 lbs / sq ft
Shading Coefficient	0.85
U-Value	0.60
Light Transmission	72%

\*Typical properties are not intended for specification purposes

### Product Performance Ratings

#### BALLISTIC

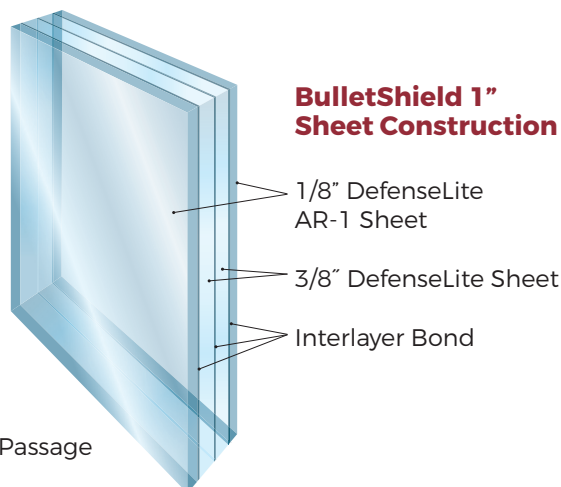
UL 752 Level 2  
(.357 Magnum Jacketed Lead  
Soft Point, 3 rounds)

#### AGENCY INFORMATION

UL File: BP6864  
Combustibility Class CC1  
Miami-Dade NOA 12-0605.05

#### FORCED ENTRY & CONTAINMENT

ASTM F 1233.08 Class 5 Body Passage  
ASTM F 1233.08 Class 2.4 Contraband Passage  
ASTM F 1915.03 Grade 1  
H.P. White TP 0500.03 Level IV Sequence 43





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### Glazing recommendations

- Structural security framing systems with equal or greater forced entry and/or ballistics ratings as the selected BulletShield laminate are recommended
- BulletShield laminate should be cut to allow for a minimum of one (1") inch edge engagement in the frame, with sufficient rabbet depth for material expansion (approx. 1/16"/ft.)
- Use wet or dry sealants/gaskets that are compatible with polycarbonate
- Remove protective masking after glazing operations are completed and before prolonged exposure to direct sunlight, moisture, or high temperature

### Standard sheet size

48"x48", 48"x60", 48"x72", 48"x96", 60"x96", 72"x96"

### Product Specifications

BulletShield 3/4" polycarbonate laminate:

- Four-ply, clear DefenseLite polycarbonate sheet constructed as follows:
  - 1/8" DefenseLite AR-1 abrasion resistant surface
  - Polyurethane bonding interlayer
  - 3/8" DefenseLite polycarbonate sheet
  - Polyurethane bonding interlayer
  - 3/8" DefenseLite polycarbonate sheet
  - Polyurethane bonding interlayer
  - 1/8" DefenseLite AR-1 abrasion resistant surface

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