

## BULLET SHIELD™

## 3/4" Sheet

### BALLISTIC GLAZING - LEVEL 1

BulletShield™ 3/4" ballistic grade sheet is a 0.750", 3-ply polycarbonate and acrylic laminate that meets the UL 752 Level 1 rating for 9 mm ballistic attack. All BulletShield 3/4" products incorporate DefenseLite® polycarbonate sheet produced for high optical quality in security glazing laminates. Exterior surfaces have a proprietary DefenseLite AR hardcoat that facilitates cleaning and resists marring, chemical, and graffiti attack. BulletShield 3/4" 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, specialty retailers, 24 hour convenience stores, cash transaction windows, check cashing facilities, safe rooms, and executive offices.

#### TYPICAL PROPERTIES\*

Property	Values
Gauge / Tolerance	0.780 in ± 5%
Weight	5.1 lbs / sq ft
Shading Coefficient	0.89
U-Value	0.65
Light Transmission	88%

\*Typical properties are not intended for specification purposes

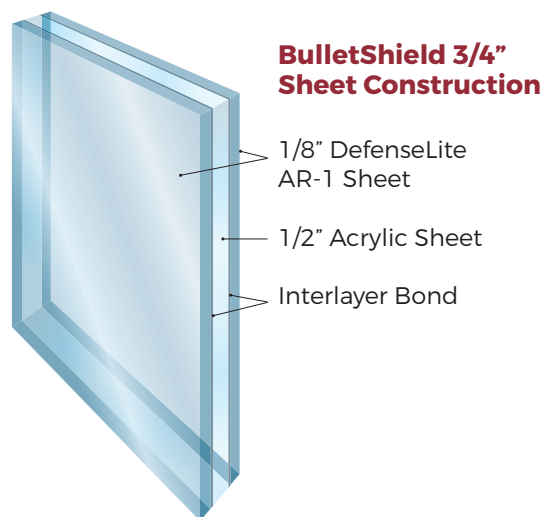
### Product Performance Ratings

#### BALLISTIC

UL 752 Level 1  
(9mm Full Metal Copper Jacket  
with Lead Core, 3 rounds)

#### AGENCY INFORMATION

UL File: BP6864  
Combustibility Class CC2  
Miami-Dade NOA #15-1014.01  
Florida Building Code 2014





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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 and acrylic laminate:

- Three-ply, clear DefenseLite polycarbonate sheet constructed as follows:
  - 1/8" DefenseLite AR-1 abrasion resistant surface
  - Polyurethane bonding interlayer
  - 1/2" acrylic sheet
  - Polyurethane bonding interlayer
  - 1/8" DefenseLite AR-1 abrasion resistant surface

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