

## Proven Retrofit Safety Glazing Solutions for Every Threat and Budget

- Active Shooter Mitigation
- Forced Entry Prevention
- Ballistic Glazing

Solutions include surface applied safety and security window films, DefenseLite polycarbonate security shields and BulletShield – the world's most dynamic anti-ballistic retro-fit glazing solution.



**DEFENSELITE™**  
[www.defenselite.com](http://www.defenselite.com)

**BULLET SHIELD™**  
[www.bulletshield.com](http://www.bulletshield.com)

# 21st Century Protection

**DEFENSELITE™**

# Compare Security Window Films and Clear Security Shields



## Security Window Film

Enhance Security  
Increase Protection

### What is Security Window Film?

Security window film is a clear surface applied window film engineered with a strong mechanically bonding adhesive. Designed to control glass failure, security window film provides similar performance as laminated glass at a fraction of the cost.

### Why use Security Window Film?

An affordable entry level glass safety solution, security window film is designed to minimize the hazards associated with glass breakage due to windstorm, bomb blast or forced entry attack.

- Delay of entry
- Control glass failure
- Mitigate spontaneous glass breakage
- Provide for fragment retention

### Who Uses Security Window Film?

Developed initially for the Department of Defense to protect from the hazards of glass failure as the result of bomb blast, security window films are used today throughout the public and private sector. School systems utilize security window films to provide for a layer of defense for ground level windows to deter active shooters. Retailers use security window films to protect against smash and grab crime. Homeowners utilize security window films to protect against forced entry through window and door glass.

## Clear Security Shields

### DefenseLite – Advanced Forced Entry Protection

A patented technology, DefenseLite is a 'clear security shield' that installs over existing window and door glass creating a layer of protection designed to 'keep the bad guys out'. DefenseLite is 250 times stronger than glass, nearly invisible once installed and an affordable solution that works. Utilizing proprietary high-optic UV coated polycarbonate shields, multi-layer thin films and tough structural adhesives and anchors, DefenseLite is an engineered solution that combines the best of materials science with an easy to retrofit installed solution.

#### VANDALISM THREATS

- Protect your brand
- Stop criminals outside
- No entry, no harm

#### SMASH AND GRAB THREATS

- Prevent forced entry
- Protect your inventory
- Don't be a victim

#### BALLISTIC THREATS

- Protect your people
- Keep active shooters outside
- UL 752 rated



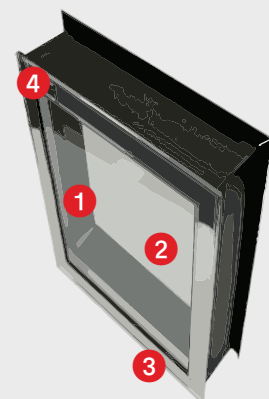
### BulletShield – Retrofit Ballistic Glazing Security

Dubbed "Body Armor for Windows," BulletShield – the bullet-resistant version of DefenseLite – is rated to UL 752 ballistic standards. BulletShield clear Shields are custom engineered to fit your window or door opening and are available in escalating levels of protection to meet your threat conditions (UL Level 1-7)

- Protects the most targeted areas of a glazing system - the glass
- Mounts onto existing window and door frames
- Custom-extruded aluminum frame creates standoff to protect the original glass
- Engineered to flex under attack, keeping bullets and bad guys out

### Who benefits from BulletShield and DefenseLite?

- Schools
- Government Buildings
- Commercial, Hotels, Hospitals
- Police and Law Enforcement
- High Security Targets



### Anatomy of Clear Security Shield Systems

- 1 Proprietary DefenseLite extrusion attaches to the existing glazing frame and separates clear shield from primary glass
- 2 'Unbreakable' clear shield is affixed to the extrusion
- 3 DefenseLite 'Super Bond' secures the system to the existing glazing
- 4 Customized edge banding and powder coating makes system virtually invisible upon installation

Each system is custom fabricated based on existing glazing conditions and installed by certified installers. Systems may utilize exotic plastics, polycarbonates and glass-clad shields depending on threat conditions and budgets. All-weather adhesives, high-performance films, mechanical anchors and other materials may be used. DefenseLite shields are installed on the exterior or interior of existing windows and doors. Systems have been independently tested to meet forced entry and UL752 ballistic standards.



	SECURITY WINDOW FILM	DEFENSELITE™	BULLET SHIELD™
Vandalism	Better	Best	NA
Small Objects (Rocks)	Better	Best	NA
Blunt Objects (Hammer)	Better	Best	NA
Smash & Grab	Better	Best	NA
Riot Mitigation	Better	Best	NA
Firearms	Good	Better	Best
Explosion	Good	Better	Best
Ballistic Security	Good	Better	Best

### Take Action! Don't be a Victim!

Glass is a building's weakest link. Bad guys see glass as an easy entry point to cause chaos and perpetrate crime. Security glazing solutions help you by seamlessly integrating into your building design a sleek and affordable set of retrofit solutions to delay, stop and prevent disaster. Across the US, our trained personnel can assess and recommend the best retrofit glazing security solution for your threat and budget. Our professional installation teams make it easy and hassle free for you to get the protection you need to keep the bad guys out!



DefenseLite and BulletShield systems are custom designed to meet your threat level. Systems are engineered and installed across the US for forced entry mitigation, containment grade protections as well as UL Levels 1-7 for ballistic performance.