

MITIGATION TECHNOLOGIES

Developing and Deploying Innovative Life Saving Products



SAFETYDRAPE
GLASS HAZARD MITIGATION SYSTEM

Saving the most lives for the least cost

SAFETYDRAPE® BLAST CURTAINS

The only blast curtain tested to meet and exceed US government criteria for Glass Hazard.

Safetydrap[®] is a patented drapery system (USPO #5,915,449) designed to mitigate flying glass shards and debris caused by a bomb blast or explosion. The product protects lives from injury and death by venting intense blast loads while safely capturing damaging and deadly flying projectiles. Designed in response to the statistic that “80 - 85% of injuries sustained during a blast event can be attributed directly to glass shards,” (Glass, 2003)* Safetydrap[®] is installed and recognized around the world as a 1st choice physical security and facility protection system. Clients include the U.S. Armed Forces, many civilian agencies, the General Services Administration and foreign governments, as well as petrochemical and pharmaceutical companies.

The Safetydrap[®] system includes the drape itself, anchor hardware and a trough which is placed at the sill of the window for holding the additional length of drape necessary for capturing glass shards during an explosion. The drape is anchored at the head of the window (either inside or outside mount) while remaining unanchored at the sill. Blast pressure unfurls the drape from the trough to create an envelope for capturing flying debris. Once the blast pressure dissipates, the drape deposits the glass hazard safely on the floor at the base of the window.

Applied Research Associates, using ATBlast Software calculated and confirmed that Safetydrap[®] was able to remain effective and withstand blast pressures of 4 – 55 psi placed at the face of the window.

Mitigation Technologies is a standoff reduction company offering state of the art physical security mitigation solutions against anticipated threats and vulnerabilities. In addition to our Safetydrap[®] Blast Curtains and industrial foreign object mitigation systems, we also offer threat assessments and custom designed and engineered solutions, we continue to expand our product line to offer solutions for saving the most lives for the least cost.

Based in western Pennsylvania, we are proud to maintain a local skilled team constantly ready to meet the needs of our worldwide customers. All primary Safetydrap[®] components are Made in the USA and locally manufactured within a 75 mile radius of our Research & Development and headquarter offices.

Our mission

- To develop and deploy innovative life-saving security products.

Our core values

- Save the most lives for the least cost
- Perform with integrity and strive for continual improvement
- Remain synchronized with the needs of our customers and staff
- Maintain continued growth through organized efficiency and high-performance staff
- Provide our suppliers and dealers with unparalleled dedication and swift responsiveness to their needs

Giving Back

As part of our deep commitment to our community and to America, we donate a portion of sales to Semper Fidelis Health & Wellness (SFHW). SFHW is a non-profit organization that provides integrated health and wellness solutions to our nation's wounded or injured warriors and their families. SFHW's services are targeted towards Active Duty & Reserve Military, Veterans and First Responders. (<http://www.warriorwellnesssolutions.org/>)

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The logo for Mitigation Technologies features the company name in a bold, white, sans-serif font. To the right of the text is a stylized graphic consisting of a light blue oval with a white circle inside, resembling a lens or a protective shield.

Safetydrape® Blast Curtains meet or exceed these standards:

- ASTM F1642 Standard Test Method for Glazing and Glazing Systems Subject to Airblast Loadings
Glazing hazard level: LH
- GSA Standard Test Method for Glazing and Window Systems Subject to Dynamic Overpressure Loadings
Rating: 3
- AAMA 510-06 Voluntary Guide specification for Blast Hazard Mitigation for Fenestration Systems
- ASTM E1300-04, Standard Practice for Determining Load Resistance of Glass in Buildings
- ISO 16933:2007 Glass in building - Explosion resistant security glazing - Test and classification for arena air blast loading
- ISO 16934:2007 Glass in building - Explosion resistant security glazing - Test and classification by shock tube loading
- UFC 4-010-01 DOD Minimum Antiterrorism Standards for Buildings
- Department of Homeland Security (DHS) SAFETY Act 2002 both designation and certification.

FOR MORE INFORMATION PLEASE CONTACT US:

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