

# 3M™ Safety & Security Window Films and Attachment System

## Bomb Blast and Explosion Protection



### Fortify your windows from blast related attacks and accidental explosions with 3M™ Safety & Security Window Films and Attachment Systems

- Helps protect people and property against bomb blasts, chemical explosions and other explosives
- Flying glass shards are one of the most common causes of blast related injuries and fatalities
- Attachment systems anchor the film to the glass frame, providing additional protection once the glass is broken
- 3M rigorously tests against a multitude of explosion and blast standards that include both shock tube and open air arena explosive testing
- 3M's micro-layered, tear resistant, 3M™ Scotchshield™ Ultra Series Safety & Security Window Films are specifically designed to provide additional protection from blasts

	Number of Explosive Incidents in the US	Number of Injuries and Fatalities
2013	5,909	421
2012	5,815	180

According to the Bureau of Alcohol, Tobacco, Firearms and Explosives US Bomb Data Center May 2014 Publication



# Safety & Security

## Protecting from explosive attacks

Today bomb threats seem like a daily occurrence. If your facility is considered high risk, is near a building considered high risk, or if your building is near a high risk event, you should consider blast hazard mitigation for your windows. Schools, government buildings, financial institutions, data centers, large international corporations and controversial businesses should all consider blast mitigation strategies. 3M Safety & Security Window Films and Attachment Systems mitigate flying glass shards in the event of a blast, helping to protect people and property.



## Protecting from accidental explosions

Accidental explosions are real life every day risks for many industrial, lab or manufacturing facilities and these occur more frequently than we would like to admit. In many facilities, glass windows, or glass insets in doors overlook industrial, lab, or manufacturing space and the risk associated with this glass is rarely considered. In the event of an explosion, one of the most common causes of injury is due to flying glass shards from exploded windows. Help protect from flying glass shards with 3M Safety & Security Window Films and Attachment Systems.



## Government owned or leased

Whether owned or leased, most federal and state government facilities are required to implement blast hazard mitigation measures on their windows and glass. 3M Safety & Security Window Films and Attachment Systems have been tested to government referenced standards and meet or exceed the performance requirements on numerous glazing types under a variety of blast loads. Although government facilities range in risk category and level of blast protection required, 3M Safety & Security Window Films can provide an enhanced measure of safety for government employees to meet the necessary protection levels.



## Security with a payback

Unlike many security upgrades, 3M™ Window Films can also provide a payback in as little as three years. 3M Safety & Security Window Films can include solar energy rejection, which helps reduce air conditioning costs and save you money.

Learn more about how 3M Window Films can protect people and property, visit [www.3M.com/windowfilm](http://www.3M.com/windowfilm)



### 3M Renewable Energy Division Window Films

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