3M

Window Films

Using innovation to help save lives and protect property.

3M™ Impact Protection Attachment Systems.

To keep danger out, bring 3M in.

You never know where danger and destruction will come from: sometimes nature, other times people. No matter where the threat comes from, 3M Impact Protection Attachment Systems can help you be prepared for the worst. The 3M™ Impact Protection Attachment System is a combination of 3M™ Ultra Safety and Security Window Film and the 3M™ Impact Protection Adhesive or Profile.

Bomb blasts.

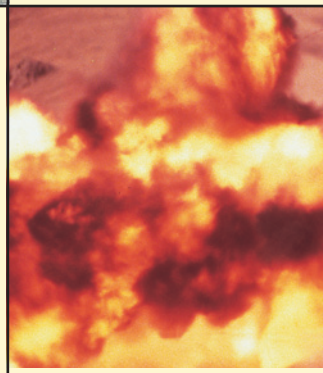
As unpleasant as it might be to consider, the threat of bomb blasts is very real. In rigorous GSA and ISO blast testing, 3M™ Impact Protection Attachment Systems have proven to seriously mitigate the damage from bomb blasts by reducing flying glass, which can help save lives.

Severe weather and earthquakes.

When unprotected glass breaks, shards can be sent flying, causing severe injuries to people and major damage to property. During these disasters, 3M™ Impact Protection Attachment Systems help hold the glass in place to maintain the integrity of the home or building. In many instances, it keeps out wind and rain, and can help keep flying glass from harming inhabitants.

Forced entry.

For greater peace of mind, 3M Impact Protection Attachment Systems also help you deter street crime by protecting against forced entry. Because the 3M Impact Protection Attachment Systems help hold the shattered glass in place, criminals don't have the quick access they need to successfully smash and grab valuables. Often, this delay slows them down to such a degree that they flee.



Three great solutions from one world-class company.

3M™ Ultra Safety and Security Window Films.

3M Ultra Safety and Security Window Films help hold your shattered glass together during severe weather conditions, accidental impact or vandalism. By using up to 42 layers of micro-thin polyester film, 3M films consistently outperform other window films of similar thickness.

3M™ Impact Protection Adhesive.

The 3M Impact Protection Adhesive aggressively bonds the glass and film to the window frame to form a stronger barrier. This provides extra security, helping keep the pane in place when destructive forces hit.

3M™ Impact Protection Profile.

The 3M Impact Protection Profile uses an ingenious system that includes a flexible, gasket-style attachment to lock the film and window to the frame. The Impact Protection Profile provides the same benefits as the Impact Protection Adhesive, plus it offers a clean, factory-finished appearance to the window.

By using an attachment to secure our Ultra Safety and Security Window Films and glass to the window frame, a much stronger window system is created. And because both components in these systems come from 3M, you're not only assured of the highest quality, but you also have a single company standing behind your warranty. It's a company known worldwide for innovation and integrity.

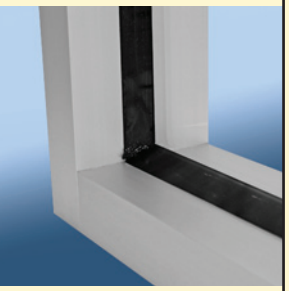
3M Ultra Safety and Security Window Films: protection you can trust.

Our thin film gives you a wider margin of safety.

The strength of a film isn't necessarily related to its thickness. By using up to 42 layers of micro-thin polyester film, our film outperforms all other films of similar thickness. This superior performance is due to the remarkable flexibility of the film. So while other films may tear, our film merely stretches and, depending on the application system, can help keep the window in the frame even when the glass breaks. Plus, it's the only 4-mil film that passes the 400 foot-pound impact level of ANSI Z97.1 Standard.*

3M Impact Protection Attachment Systems. Destructive testing. Superior results.

The 3M Impact Protection Attachment Systems have been subjected to windstorms, various levels of both GSA and ISO bomb blasts, all kinds of flying objects and a rigorous series of durability tests. We've gone to extreme measures to make sure the 3M™ Impact Protection Attachment Systems meet, or exceed, industry standards.**



3M Impact Protection Adhesive.

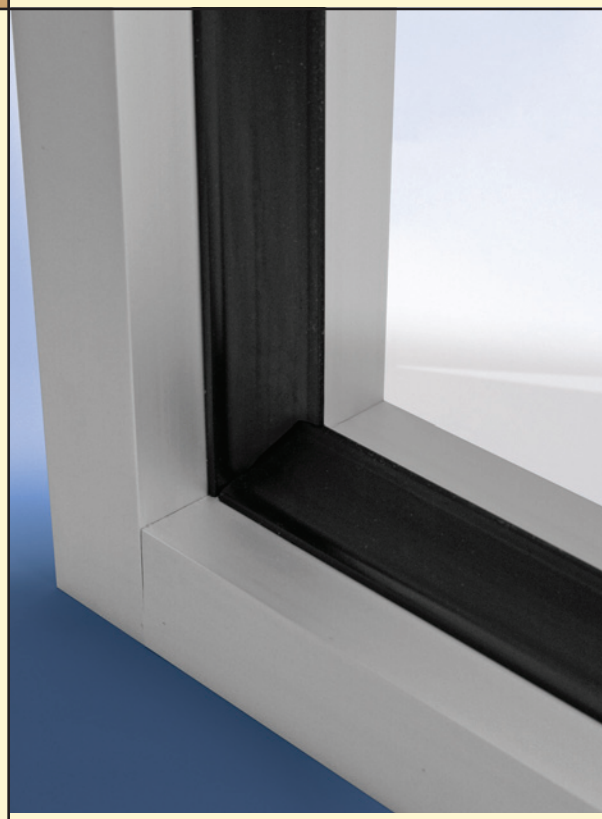
While attaching film and glass to a window frame with adhesive has been a common technique for years, the 3M Impact Protection Adhesive achieves a new standard of performance.

From 3M, the leader in adhesives.

3M is a leader in adhesive technology and is one of the few window film companies to make its own adhesives. 3M Impact Protection Adhesive is a unique adhesive applied around the frame to bond the glass, window film and frame together. It significantly improves protection against severe weather damage, bomb blasts or would-be intruders. Designed for use with 3M Ultra Safety and Security Window Films, it gives homeowners and commercial building owners more options when considering their desired level of protection.

Get protected faster.

While other adhesives can take up to three weeks before they fully cure, 3M Impact Protection Adhesive can fully cure in less than seven days. Our adhesive has greater tear strength, elongation and tensile strength than commonly used attachment adhesives. The 3M Impact Protection Adhesive is available in both a black or white option.



3M™ Impact Protection Profile.

Premium strength and appearance.

The Impact Protection Profile provides the same benefits as the Impact Protection Adhesive, plus it offers a clean, factory-finished appearance to the window. It features a flexible gasket-style attachment that bonds the filmed window and frame by incorporating 3M VHB™ Tape.

It adapts easily to most window frames and often can be installed without cutting existing gaskets. The Impact Protection Profile can also be retrofitted to existing safety film applications for increased protection. Available in black and with different sizes for commercial applications or white for residential applications, it adds real security to the window in an aesthetically pleasing manner.

Secured with 3M™ VHB Tape.

3M VHB is a high-performance tape that utilizes a very strong adhesive. It's been used for architectural impact at Chicago's O'Hare Airport to hold up heavy, mirrored ceiling panels. This tape also replaces rivet panels on trucks.

Save energy and enhance the appearance of your building.

On warm days, your air conditioner has to battle to keep rooms comfortable. An air conditioner that's in constant use costs more money. By rejecting up to 77% of the sun's heat that comes through the window, our films can significantly reduce your energy bill. As a result, the cost of the films can be paid back relatively quickly.

Protecting you and your home or building.

Traditional windows do little to protect against harmful ultraviolet rays. UV rays are the primary cause of fading. 3M Window Films reject up to 99% of the sun's UV rays and address the three leading causes of fading to help protect your merchandise, upholstery, artwork and wood floors.

UV rays are also the primary cause of skin cancer. By blocking up to 99% of the sun's UV rays, our films help protect your skin. When measured by Sun Protection Factor (SPF), many of our films would have a rating close to SPF 1000.

RECOMMENDED
SKIN CANCER FOUNDATION

The Skin Cancer Foundation recommends many 3M Window Film products as effective UV protectants.

Our authorized dealers are ready to help.

The Impact Protection Attachment Systems and Ultra Safety and Security Window Film products are available exclusively through 3M's Authorized Window Film Dealers. For a free estimate, more information or assistance in locating a dealer, please visit http://www.3M.com/windowfilm or call 1-866-499-8857.

Backed by our exclusive warranty.

Selecting 3M helps provide you with peace of mind because we have one of the most comprehensive warranties you can get. Each component of the Impact Protection Attachment System comes from 3M so you're assured the highest quality materials, in addition to having a trusted company that stands behind your warranty.

Put the innovation of 3M to work for you.

No one has more experience with window films than 3M. In 1966, we received the first patent for window film. For decades, 3M has remained the world leader in the development of new and innovative adhesives and films. Today there are millions of square feet of 3M Window Films installed all around the world. We never stop creating new window film products and solutions to protect you and your family.

Contact your local 3M Window Films Authorized Dealer for a free estimate.

For more information, please call: 1.800.295.8468 or visit us at: www.sunrayfilms.com

*Met requirements for ANSI Z97.1 Standard with modifications for higher impact levels.
**GSA explosive blast standards for glazing and Factory Mutual Approval Standard 4350 for Windstorm Resistance Glazing.

3M

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