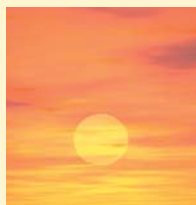


3M Window Films

Helping keep outside
dangers outside.



3M™ Safety
and Security
Window Films

Protect your people and your property with 3M™ Safety and Security Window Films.

Sometimes the threat is from nature, other times people. No matter where the threat comes from, 3M Safety and Security Window Films can help you be prepared for the worst.

Severe weather and hurricanes.

When natural disasters like hurricanes, tornados, high winds and earthquakes hit, there is little you can do to protect your building. But by planning ahead, your building can be prepared for the worst. Glass can be your worst enemy in severe weather and storms. When unprotected glass breaks, shards can be sent flying causing severe injury to people and major damage to property. During these disasters, 3M Safety and Security Window Films help to keep flying glass from harming inhabitants and, in many circumstances, will help to keep out wind and rain.





Bomb blasts.

As unpleasant as it might be to consider, the threat of bomb blasts in this world is very real. Like natural disasters, a bomb blast also turns unprotected glass into dangerous flying shards. 3M Safety and Security Window Films have proven in real-world situations to have seriously mitigated the damage from bomb blasts and helped protect lives. And our UltraFlex Window Film System adds an advanced structural silicone adhesive that aggressively bonds the glass and film to the window frame.



Street crime.

3M Safety and Security Window Films also help you deter street crime. Because the window film helps hold the glass in place, criminals don't have the quick access they need to successfully smash and grab merchandise. Often the window slows them down to such a degree that they may choose to move on to an easier target.



Graffiti.

We also offer special films that go on the outside of your windows that protect the glass from graffiti. So when a vandal attempts to scratch or paint your glass, they will be damaging the film instead. Then you simply replace the film for a fraction of what you would spend on a new window.



Damage from the sun.

Over time, the powerful UV rays of the sun can do enormous damage to merchandise, upholstery, carpet, wallpaper, window treatments and wood. You can always pull the drapes, but what is the use of having windows if you can't enjoy the view? 3M Window Films are designed to reduce the effects of solar heat and visible light on your furnishings and will block up to 99% of the sun's harmful ultraviolet rays, which are the single largest cause of fading. While no film can stop fading completely, our films dramatically slow the progress of fading.

Discomfort from the sun.

Sun control problems can also make keeping a building comfortable a difficult job. One side gets too hot in the morning; another too hot in the afternoon. And whichever side is too hot, the other side is too cold. And throughout it all, your air conditioner is working overtime. Many 3M Safety and Security Window Films have the added feature of blocking out the heat of the sun and reducing glare. The result is greater comfort, less eye fatigue and lower energy bills.

Another great
3M product
you can trust.



Our thin film gives you a wider margin of safety.

The strength of a film isn't really related to its thickness. By using layer after layer of micro-thin polyester films, our film outperforms all other films of similar thickness. This superior performance is due to the remarkable flexibility of our film. So while other films tear, ours merely stretches—keeping the window in the frame even when the glass breaks. And ours is the only 4-mil film that passes the 400 foot-pound impact level of ANSI Z97.1 Standard*.

Another advantage of our film is that it is bonded to the glass with advanced 3M adhesives. So when the glass breaks, the shards are held together by the film to reduce the chance of injury. And our UltraFlex Window Film System adds an advanced structural silicone adhesive that aggressively bonds the glass and film to the window frame.

Tested and retested.

Our films have been subjected to windstorms, bomb blasts, all kinds of flying objects and a rigorous series of durability tests. We have gone to extreme measures to make sure our films meet or exceed industry standards for impact and tear resistance.**

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3M

*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.



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

