



Window Films

Enhancing safety, energy savings
and the beauty of your building.



3M™ Window Films
for Commercial
Applications

3M lets you manage the sun's light
as well as you manage your business.



For as beautiful as windows are, they also come with their share of problems: higher energy costs, discomfort, safety issues, security issues and fading, just to name a few. 3M is the one name you can trust to lessen and even eliminate the problems windows can cause for your business.

Rejects up to 79%
of the heat.

We've all experienced it. When the morning or afternoon sunlight creeps into a room, the thermostat shoots up, and the air conditioning starts working overtime to cool the room. As if this wasn't bad enough, the other side of the building ends up freezing. There is a solution; 3M[®] Window Films reject up to 79% of the sun's heat so your rooms stay at a more even and moderate temperature. This means your air conditioning system can work more efficiently, reducing your energy costs.



Building safety and security into your windows.

There are times when the world is a dangerous place. Hurricanes, tornadoes, severe winds, bomb blasts and even earthquakes can cause glass to shatter and send shards flying. During these disasters, 3M Safety and Security Window Films help keep flying glass from harming inhabitants and, in many circumstances, will help keep out wind and rain.

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 filmed window slows them down to the degree that they may choose to move on to an easier target.

We can even provide counter-intelligence window films that help prevent information piracy. By blocking the interception of wireless computer signals and wireless phone calls, they help keep information securely within the confines of the building.

Our thin films give you a wider margin of safety.

It would make sense that a thicker film would be stronger than a thinner film. But that's not the case with 3M Window Films. Our patented films use layer after layer of micro-thin polyester to outperform 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.*

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.**



How 3M Window Films can improve your building:

- Personal safety—protection against flying glass caused by severe weather and explosions.
- Security—deters smash-and-grab thieves, prevents intruders outside the building from gaining access to computer and cell phone information.
- Facilities protection and enhancement—aesthetically pleasing, conserves energy, protects interiors from fading and glare.
- Health—protects your employees from dangerous ultraviolet rays that can cause skin cancer.
- Privacy—our Fasara Window Films provide the beauty and privacy of cut glass at a fraction of the cost.
- Aesthetics—our anti-graffiti films help prevent vandals from permanently harming your building's windows.

*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.



A beautiful way to protect your privacy.

Our exclusive line of 3M Fasara Window Films gives you the look and privacy of etched glass for a fraction of the cost. Perfect for both new construction and existing buildings, these films are ideal for interior glass partitions as well as the inside surface of exterior windows. There is a variety of textures that can be custom die-cut to give you the precise design you desire.

Prevent graffiti from defacing your building.

We also offer special films that go on the outside of your exterior windows that protect the glass from graffiti. It gives your windows a strong first line of defense against paint, gouging, scratching and even acid etching. And if some damage is done, then you simply replace the film for a fraction of what you would spend on a new window.





Can pay for itself in less than five years.

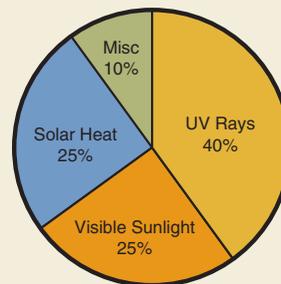
How many other improvements can you make to your building that can pay for themselves in less than five years? By rejecting heat, 3M Window Films provide results that are so immediate and so significant that the amount of money you save on energy costs could pay for your film in less than five years. If energy prices should go even higher, the payback period will be shorter. One project alone saved \$350,000 its first year because of 3M Window Films.

Helps eliminate a glaring problem.

Few things are as frustrating as working on a computer screen in a sunlit room. Even a brightly decorated room can be painful on the eyes when sunlight fills the room. By significantly reducing glare, our films help you do your work and enjoy your office without the added eyestrain from excessive light.

Addresses the three major causes of fading.

Fading can quickly damage the window treatments, wood, carpet, fabric and artwork in your offices. 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 to keep your building looking beautiful.



Causes of fading

A comfortable solution.

Nothing hurts tenant retention like a building that is uncomfortable. How anxious are your tenants going to be to re-lease a space that is too hot or too cold? Our window films are a great way to keep your tenants happy so they continue to lease from you.



What makes 3M
the industry leader
in window films?



Contact your local 3M Window
Films Authorized Dealer for
a free estimate. For more
information, please call

1-800-295-8468



<http://www.sunrayfilms.com>

Another great 3M product you can trust.

Every day you trust 3M brands to make your life better. Great products like Post-it® Notes, Scotch® Tape, Scotch-Brite® Pads and Filtrete™ are known all over the world for their quality performance. 3M™ Window Films are just another example of a world-class product from a world-class company.

3M is the world leader in window films.

No one has more experience with window film. In 1966, we received the first patent for window film. Today there are millions of square feet of 3M Window Films installed all around the world. For decades, 3M has been the world leader in the development of new and innovative adhesives. We have the finest selection of window films that resist peeling, bubbling, scratching and abrasion for long-lasting beauty and clarity.

3M Window Films are installed by authorized dealers.

3M Window Films are sold and installed exclusively by professional, 3M Authorized Dealers. To help ensure quality workmanship, trained personnel will install your 3M Window Film products. Our authorized dealers are experts in helping to solve problems like excessive glare and faded furnishings. They are skilled solution-providers for glass safety and security, comfort and privacy.

3M stands behind its products.

Selecting 3M Window Films gives you peace of mind. That's because we have one of the most comprehensive warranties you can get, should your window film need replacing.

Put the innovation of 3M to work for you.

Put your trust in 3M Window Films, a name you know for quality products and service. We never stop creating new window film products and solutions that make your home more comfortable.

3M

3M Building Safety Solutions Department

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

