

3M Building & Commercial Services
Sun control window films



For COOL
heads

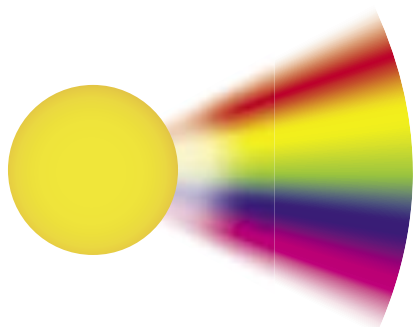
3M™ sun control films can make you more comfortable and increase the value of your property

Glass brings natural light and the sun's warmth into your home as well as at work – and creates a visual link to the outside world.

However, glass tends not to protect against excessive sunlight and heat. As such there has always been a search for a way to compensate for this compromise.

The optimal solution goes by the name of 3M sun control films – multilayered films that reflect or absorb solar energy and improve the positive qualities of glass.

Solar energy consists of the following types of rays:



47% Infra-red rays (heat)

50% Visible light (glare)

3% Ultraviolet rays (e.g. fading)

Comfortable environment

Sun control films can provide a comfortable environment – especially on hot days when overheating rooms can be protected from the excessive heat from the sun. At the same time you can avoid the need for darkening blocking systems such as blinds or shutters that stop the natural light, impair the view and can increase the cost of internal lighting.

Through the application of sun control films you can reduce heat-loading on a building and as a result limit the energy consumption from air conditioning.

Glare reduction

Most 3M sun control films are produced with a razor thin metallised coating

This metallised coating comes in different tint from light to dark and can provide a significant reduction of the excessive light known as glare.

UV reduction

Ultra Violet light is largely responsible for the fading of colours and degradation of materials. 3M sun control films reduce the damaging rays by up to 99.9% and can thereby help to substantially slow down the fading process.

3M sun control films can be extremely useful in protecting displays in shop windows, museums, art galleries and in people's homes.

Improve your internal environment
save money
with 3M sun control window films.





Sun control films

3M sun control films can give excellent protection against the sun's heat and make the working or living environment in rooms more comfortable. They can reduce up to 80% of the sun energy and 99% of the UV rays.

3M sun control films can sustainably increase the value and the design of your property. They are available in more than 30 different shades and quality for exterior as well as interior application. They can be also combined with a security effect to significantly strengthen normal windows and protect people against the harmful effects of flying pieces of glass.

Prestige 70

Based on known and tested nanotechnology, 3M researchers have developed a single sun control film consisting of hundreds of ultra thin layers.

This innovation in the production of sun control films uses a pioneering process that entirely removes the need for sensitive metals to be added, which avoids the risk of the film corroding.

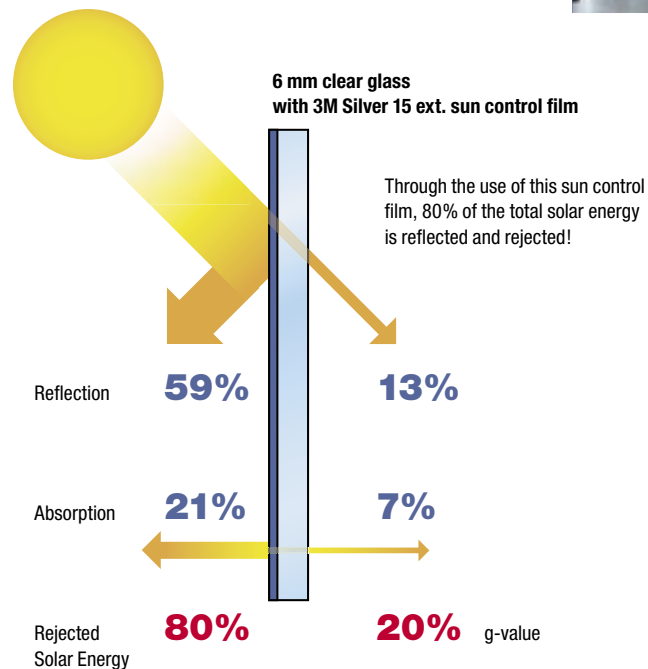
The film is barely visible when applied to the window and has no unwanted internal or external mirror effect: this leaves the building appearance unchanged. This film is particularly recommended for shops, museums, displays and exhibition halls where direct sunlight could damage valued items.

Night Vision

Tinted 3M Night Vision films have a very low internal reflection, especially at dawn and night: this specific feature prevents a mirror effect at night and make these films perfect for conservatory and buildings with a nice view.

Films for shop windows

have a high Ultra Violet reduction and can substantially slow down the rate of fading of clothing, furniture, carpets, in fact anything that can be affected by the harmful suns rays.



3M™ Window Films Sun control range



The Skin Cancer Foundation recommends many 3M window films for their effective UV protection.

3M external sun control films

Silver 15/35 Exterior

Neutral 35 Exterior

Bronze 20 Exterior

3M internal sun control films

Neutral 20/35

Silver 20/35

Amber 35 Low E and Standard versions

3M shop window films

Nickel 50

Neutral 50/70

Panther CS50

3M Night Vision films

Night Vision 15/25/35

3M Prestige sun control film

Prestige 70

3M Ultra combination films

Silver S20

Neutral S35

Neutral S50

Ultra NV S25

Prestige PR S70



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