



# Facts About Skin Protection and Window Film

Solar Gard window films have an SPF of 285 or more, making them an ideal solution for protecting your skin.

When applied to your car, home or office they block more than 99% of the sun's damaging UVA and UVB rays.







## Effects of direct sunlight

Solar control window film is ideal if you want to protect your skin from the daily onslaught of sunlight. The ultraviolet radiation in sunlight has many negative effects on skin including:

- Causes 90% of all premature skin aging and wrinkles
- Destroys vitamin A in the skin, which contributes to cell damage
- Damages collagen, the structural protein that keeps skin cells firm, causing wrinkles and sagging
- UV is increasingly being linked to skin cancer

Type of UV radiation	Effects
UVA	Skin aging, eye damage, linked to skin cancer
UVB	Sunburn, premature skin aging, eye damage, linked to skin cancer
UVC	Most destructive but mostly stopped by the ozone layer





### UV radiation and photosensitive conditions

Solar Gard window film also reduces the harmful effects of sunlight if you suffer from a photosensitive condition. Dozens of these conditions have been identified including:

- Actinic Prurigo
- Bloom Syndrome
- Dermatomyostis
- Discoid Lupus Erythematosus
- Dubowitz Syndrome
- Ichthyosis (Trichothiodystrophy)
- Photosensitive Erythema Multiforme
- Polymorphous Light Eruption
- Systemic Lupus Erythematosus
- Three M Syndrome

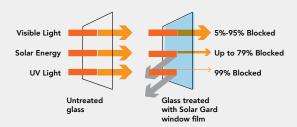
Solar control window film is often prescribed for people who cannot tolerate sunlight.



The Skin Cancer Foundation recommends Solar Gard window film to protect healthy skin.

## Facts About Solar Gard® Window Film and UV Protection

- UV protection of at least SPF 2851
- Blocks 99% of UV rays
- Prevents aging associated with sun damage
- Provides year-round sun protection



#### Other benefits of window film:

- Reduces energy costs associated with air conditioning
- Improves safety and security by holding glass shards intact upon impact
- Increases interior comfort by reducing hot spots

To learn which Solar Gard window film is right for you, find a window film dealer near you or learn more about Solar Gard's skin protection options, visit **www.solargard.co.uk**.

<sup>&</sup>lt;sup>1</sup> Solar Gard window film's SPF 285+ was determined by the Lawrence Berkeley National Laboratory's window film analysis software program. Films range from 285 to more than 1,000.

# Protect. Save. Renew.

#### About Solar Gard®

About Solar Gard
Solar Gard positively impacts lives with products that protect, save and renew. Headquartered in San Diego, California, Solar Gard makes industry leading architectural and automotive window films, photovoltaics and custom coatings. A division of Saint-Gobain Performance Plastics, a subsidiary of Saint-Gobain, the world leader in the habitat and construction markets, Solar Gard's architectural solar control window films are proven carbon negative and reduce global greenhouse gas emissions. Solar Gard products are sold in more than 90 countries under the Solar Gard®, Quantum® and Solar Gard Armorcoat® brands.















Solar Gard window films provide multiple solutions for homes, businesses, cars and transportation. They reject solar energy to improve comfort year round and provide impressive energy savings. Safety films help protect from broken shards of glass in the event of severe weather, human impact, earthquakes, vandalism or attempted break-ins and they help protect families, employees, merchandise and assets against ultraviolet damage.

Please note that although window film can increase comfort, security and significantly reduce damage caused by the sun; it will not reduce 100% of all interior fading. As a protective barrier, window film is not bullet proof nor does it prevent glass breakage, instead it helps hold shattered glass together in the unfortunate event of breakage. For more information on product benefits, please visit www.solargard.com



#### www.solargard.com/me www.solargard.co.uk

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