



The SunRage Window Film line includes a complete range of functional films in a variety of light transmissions and colour tones. From high heat protection to maximum privacy; there is a suitable film solution for every application.

View the range at our authorised dealers or visit [www.sunragewindowfilms.com](http://www.sunragewindowfilms.com) for technical specifications and product information.

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**SUNRAGE**  
AUTOMOTIVE WINDOWFILM

Your dealer:

DESIGNED BY



OMEGA SKINZ

A romantic couple stands in silhouette, holding hands and looking out at a bright sunset. A dark-colored car is parked to their right, its sleek lines catching the low light. The sky is a gradient of warm colors from orange to pale blue.

Sunlight makes memories.  
UV makes damage

UV protection through window film

**SUNRAGE**  
— AUTOMOTIVE WINDOWFILM —



You don't see it,  
but it is there.

Sunlight is essential for us. It provides life, all growth on earth, warmth and ambiance. But what you don't see is what actually causes the most damage.

UV radiation penetrates right through glass and is one of the biggest contributors to skin damage and to discolouration of goods and car interiors. Every hour of the day, even on cloudy days, UV is active and it torpedoes every surface it comes into contact with.

Invisible damage, real consequences

## What are sun rays?



What exactly is the sun beaming at us? We briefly explain.

All the radiation emitted by the sun to Earth is collectively called the solar spectrum. This spectrum consists of electromagnetic waves with different wavelengths, expressed in nanometres (nm). It includes, among others, radio waves, infrared radiation, visible light, ultraviolet (UV) light, and, in very small amounts, X-rays and gamma rays.

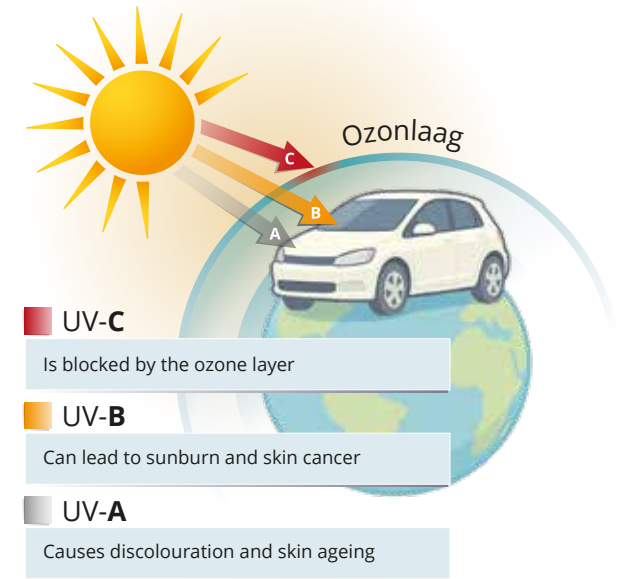
Each form of radiation has its own wavelength. Some radiations we can perceive or feel, such as visible light (which we see) and infrared radiation (which causes heat). Others, such as UV radiation, are invisible and can harm living things and cause discolouration.

## What UV radiation does to our skin and interior.

UV stands for ultraviolet radiation. Our beloved sun emits energy to the earth. This radiation is expressed in nanometres.

In all this radiation (the solar spectrum), there is a small piece called UV light. It is a part of the solar spectrum that is invisible to the eye, but measurable.

UV-C is already blocked by the ozone layer around the earth. But UV-A and UV-B are the two main culprits.



### UV-A (320–400 nm):

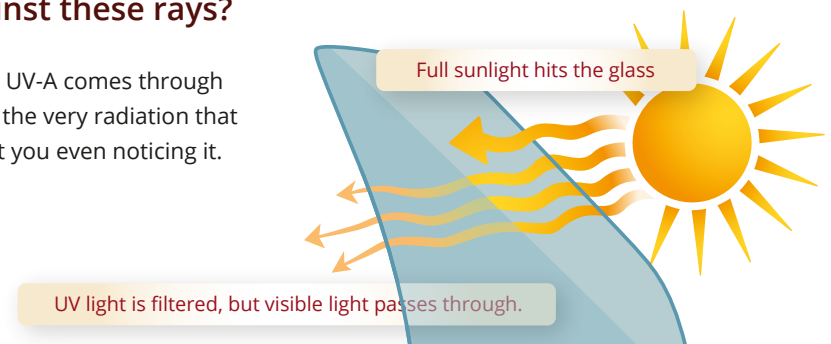
*Penetrates deep into the skin and causes ageing*

### UV-B (280–320 nm):

*Less deep, but stronger. Can lead to sunburn and skin cancer*

## Does car glass help against these rays?

Car glass blocks some of UV-B, but UV-A comes through virtually unfiltered. And let that be the very radiation that causes long-term damage. Without you even noticing it.





## Glass does not stop skin ageing

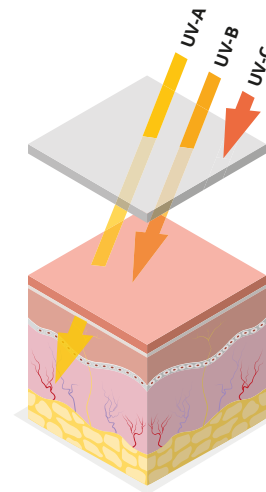
Do you often sit in the car? Then you unwittingly get a good dose of UV. Through the car windows. Your arm, your face, always the same side, always the same radiation. The result? Premature skin ageing, pigmentation, accelerated collagen breakdown. And yes, the risk of skin cancer also increases.

Car windows do block sunlight, but not all harmful radiation. You need extra protection for that.

UV light affects any surface.  
It causes discolouration and is harmful to the skin.

- **UV-A** rays cause ageing by penetrating deep into the skin.
- **UV-B** rays are stronger and cause sunburn and can cause skin cancer.

SunRage window films give that extra protection.  
How it works we explain further in this leaflet.



Danger is not only on the road, but also in sunlight



# Don't let UV light determine trade-in value

## An assault on your car

Not only your skin, but also the interior of your car takes hits on a daily basis. Everyone knows the problem: you get into your car when the sun has been shining delightfully on it for a while.... Result: everything hot. You can't touch the dashboard, the seats are at boiling point and you hardly dare to grip the steering wheel. The sun's all-destroying rays cause this.

Sunlight is energy and enters through the glass, after which it is immediately felt as heat. This heat build-up not only causes annoyance and irritation for the occupants, but also will not improve the quality and condition of the interior. Plasticisers in plastics break down and leather upholstery dries out.



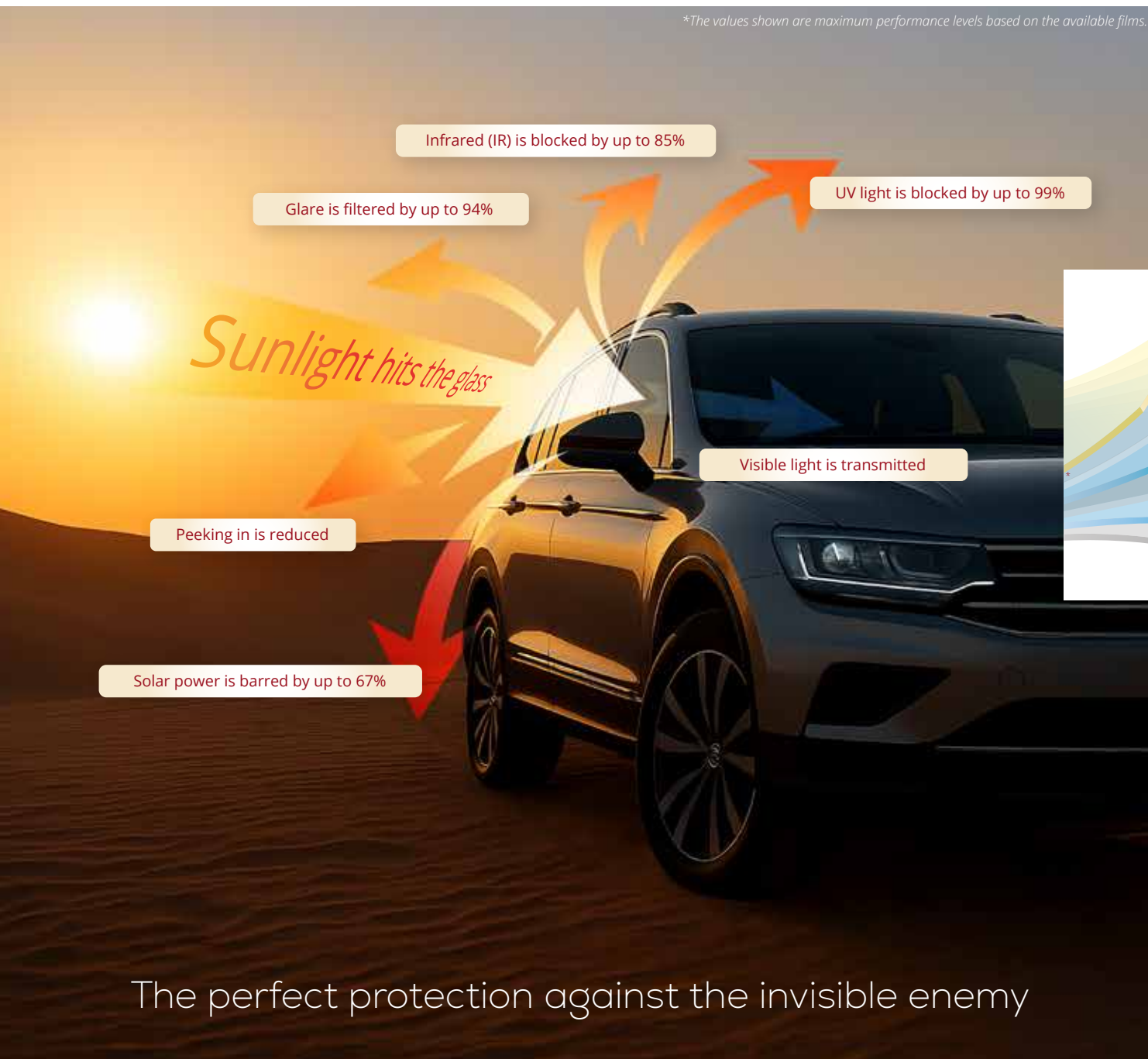
## UV also does something to your car

As described earlier, the invisible light called UV is the cause of discolouration. It breaks down pigments.

Leather upholstery, dashboard, child seats, fabric panels, everything fades and wears out faster due to these UV rays.

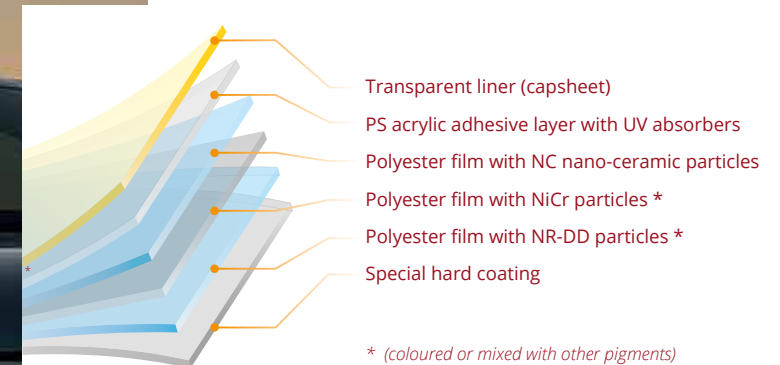
The result is a pale, brittle interior that loses its value. And this happens gradually. You don't see it until it's too late.

*\*The values shown are maximum performance levels based on the available films.*



## How does SunRage work?

SunRage window film is composed of several ultra-thin layers, each with its own function. For instance, nano-ceramic particles can be used in these layers, as well as metallised or carbon pigments.



Depending on the combination of layers, specific sunrays can be blocked or let through. This is why different types exist within the Sunrage range.

But they all have one thing in common: they block the all-destroying UV rays. The UV filter layer blocks 99% of all UV-A and UV-B radiation, including the invisible part that normally does get through car windows.

By making the right choice from the SunRage range, solar heat and infrared (IR) radiation can also be blocked, keeping the car cooler - **on top of that.**

The perfect protection against the invisible enemy

## Staying healthy starts with protection

You apply sunscreen to your skin on the beach, but rarely in the car. And yet you spend time there daily.

SunRage window film protects you and your passengers from the sun's all-destroying rays; be it yourself, your children, or that little dog in your back seat.

It's that protection you don't see, but you feel. And that makes all the difference in the long run.



## Keep your car young for longer

Once UV no longer has free rein, everything stays nicer: dashboards don't discolour, leather seats stay supple, children's seats don't dry out. And when sold, the car simply looks better cared for. That is value preservation in its most silent form.



Protected from the sun, ready for the ride.



## SunRage. Invisibly present.

Our films are available in various shades, as well as in crystal-clear versions; especially for those who want the effect but not dark windows. SunRage window film is professionally applied, remains active for life and requires no special maintenance. You forget it's there. Until you notice what you no longer feel.