

Attention UV radiation:

What protects against it

UVC
100-280 nm

UVB
280-315 nm

UVA
315-400 nm

Ozone layer

75%
of Germans use sun screen occasionally

Source: YouGov Omnibus, 2017

1. For the skin:
UVA radiation causes sunburn. Sunscreen and clothing with a high sun protection factor safeguard against it.

Only 31%
wear sunglasses when they are outside in the sun.

Source: American Academy of Dermatology. „Most Americans don't use sunscreen, study shows.“ ScienceDaily, 19 May 2015.

2. For the eyes:
Only UV400 sunglasses optimally protect the eyes against damaging UVA rays up to 400 nanometers.

UVA
UVB

Vitreous body
Retina
Eye lens
Pupil
Cornea
Eyelid

! UVA radiation is a hazard to the health of the human eye - even when the sun isn't shining, when there is a cloudy sky or in the shade.

damage to the cornea due to excessive UV exposure
clouding of the eye's crystalline lens
photo-ageing of the eyelids
skin cancer on the eyelid

3. For the eyes:
Clear glasses with UV protection up to 400 nanometers. They protect the eyes in all types of weather!

Clear lenses with UV protection up to 400 nanometers

Sunglass level UV protection in clear lenses

ZEISS Lenses
with UVProtect Technology.

www.zeiss.com/uv

