

uvex

Uni(care)[®]



Safety Eyewear

protecting people

UNICARE is a leading company in the Safety Industry. Our innovative products & services encompass Fall Protection, Fire Fighting, Search & Rescue Products, Environmental Health & Safety, and Face Protection. Founded in 1981 in Mumbai, India, UNICARE now has branch office all over India and has principle representations in Europe & the United States. The company has a focus on innovation, customer satisfaction, quality assurance and protection for the environment. UNICARE is an ISO 9001-2008 Certified company. Furthermore, our products are CE Certified, UL Certified, BIS Certified, tested to ANSI & EN Specs, and meet the requirements of Directive 89/686/EEC Article 11B.

uvex Winter Holding GmbH & Co. KG, founded in 1926 has been synonymous with top-quality & innovative products that provides complete eye protection for industrial health and Safety. Manufacturing in Germany & Europe uvex is "Made in Germany" by conviction and tradition.

In India, uvex works along with Unicare in protecting people and are committed to develop, manufacture and distribute services which deliver individual safety and protection in the field of work.

uvex UV400

100% UV protection. 100% safety. 100% uvex.

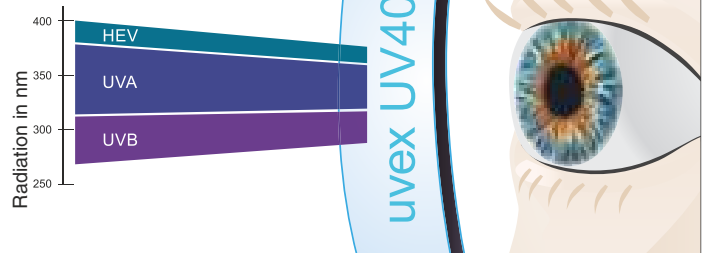
The EN166/170 standard requires safety eyewear to provide UV protection up to 380 nm. The latest scientific findings show that this is not enough. The WHO (World Health Organization) recommends UV protection up to 400 nm.



uvex safety eyewear,
100 % safety.

100 % protection against dangerous UVA and UVB radiation

For the eye and surrounding skin



uvex UV400 offers complete protection against UVA and UVB radiation as well as high-energy visible light (HEV) up to a wavelength 400 nm.

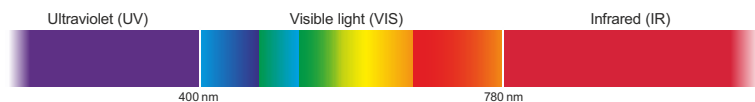
uvex UV400 - included in all uvex safety eyewear Whether you choose clear or tinted lenses, all uvex safety spectacles are equipped with uvex UV400 effective UV protection as standard - as well as pleasant wearer comfort, a sporty design and top-quality lens coatings.

Even without sun, UV rays can still put strain on the eye When working outdoors, your eyes are regularly exposed to harmful UV radiation - even when it is cloudy. The result: using insufficient protection risks may cause dangerous long-term damage such as corneal injury, cataracts and blindness.

uvex UV400 not only filters 100 % of UVA rays (20% still passes through 380 nm lenses), it also completely minimises temperature-induced cell changes - a factor which increases tenfold in the percentage of total cell damage in the range from 380 to 400 nm. In addition, the dangerous, damaging blue light content (HEV), which is also harmful to the retina, is reduced by 15 %.

Infrared protection - uvex IR-ex safety spectacles

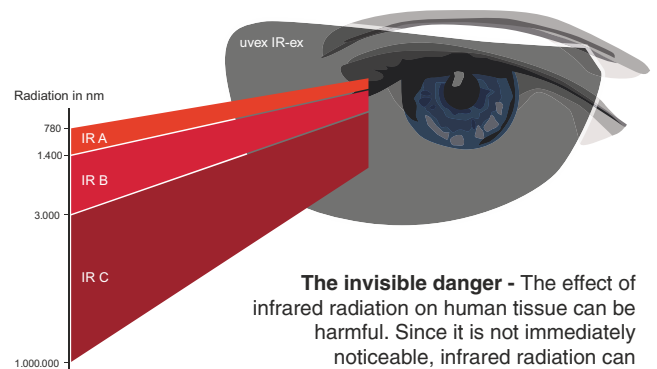
Preventive protection against infrared radiation Infrared radiation (IR radiation) is also referred to as heat radiation, as it is perceived as such. Strictly speaking, heat radiation ranges from infrared to visible light (VIS) up to ultraviolet (UV) - depending on the temperature.



IR radiation cannot be perceived by the human eye. It extends over the electromagnetic spectrum from 780 nm to 1 mm (1,000,000 nm).

IR radiation is divided into 3 spectra:

- IR A (780 nm-1400 nm)
- IR B (1400 nm-3000 nm)
- IR C (3000 nm-1 mm)



The invisible danger - The effect of infrared radiation on human tissue can be harmful. Since it is not immediately noticeable, infrared radiation can increase the risk of permanent eye damage, such as cataracts.

uvex IR-ex safety spectacles

100% TU3 / protection

Durable t udwlp t oq' uhr lnnrpn` snf 9
K - extremely scratch-resistant on the outside
N - permanently anti-fog on the inside

Additional T certification
on lens and side arm
L dbg` nrtb` lpr spnrf sgJE
` spdwqdl djsdl odcj st qir



Multi-standard compliant:
EN171, EN169, JIS T8141, ANSI/ISEA Z87.1

Available in
sg dldp qn sdbstm
ldudkr j0-6.2.4



Maximum high transmission
in visible spectrum

uvex i-vo 9160



art.-no. : 9160.265
 colour : blue / orange
 Lens : PC clear / UV 400
 supravision excellence
 2C-1.2 W 1 FTKN CE



art.-no. : 9160.076
 colour : black / grey
 Lens : PC grey 23% / UV 400
 supravision sapphire
 5-2.5 W 1 FTK CE



features

- Quattro flex temple ends
- Inclination and length adjustment
- Flexible nose piece
- Easy lens replacement
- Permanent anti fog; scratch resistance

applications

- General purpose
- Sun protection

uvex i-5 9183



art.-no. : 9183.265
 colour : anthracite / blue
 Lens : PC clear / UV 400
 supravision excellence
 2C-1.2 W 1 FTKN CE



art.-no. : 9183.281
 colour : anthracite / lime
 Lens : PC grey 23% / UV 400
 supravision excellence
 5-2.5 W 1 FTKN CE



features

- Soft and flexible nose pad
- Three-stage inclination
- x-tended sideshield & eyeshield
- Permanent anti fog; scratch resistance

applications

- General purpose
- Sun protection

clip-in frame also available

uvex pheos cx2 9198



art.-no. : 9198.258
 colour : red / grey
 Lens : PC clear / UV 400
 supravision excellence
 2C-1.2 W 1 FTKN CE



art.-no. : 9198.237
 colour : white / black
 Lens : PC grey 23% / UV 400
 supravision excellence
 5-2.5 W 1 FTKN CE



features

- Comfortably fits over narrow head
- Duo spherical lense
- Hard outside scratch resistant
- Permanent inside anti fog

applications

- General purpose
- Sun protection

uvex suXXeed 9181



art.-no. : 9181.265
 colour : anthracite, blue
 Lens : PC clear / UV 400
 supravision excellence
 2C-1.2 W 1 FTKN CE



art.-no. : 9181.281
 colour : anthracite, lime
 Lens : PC grey 23% / UV 400
 supravision excellence
 5-2.5 W 1 FTKN CE



features

- Dynamic, attractive frame design
- Maximum comfort
- Soft, flexible nose pad
- Permanent anti fog; scratch resistance

applications

- General purpose
- Sun protection

clip-in frame also available

uvex pheos nxt



art.-no. : 9128.265
 colour : blue, anthracite
 Lens : PC clear / UV 400
 supravision excellence
 2C-1.2 W 1 FTKN CE



art.-no. : 9128.223
 colour : white / black
 Lens : PC CBR23 / UV 400
 supravision excellence
 5-2.5 W 1 FTKN CE



features

- Lightweight safety spectacle
- Numerous recesses in side arms provide air circulation for excellent wearer comfort
- Nose bridge designed for all-day comfort
- Permanent anti fog; scratch resistance

applications

- General purpose
- Sun protection

uvex super OTG 9169



art.-no. : 9169.260
 colour : navy blue
 Lens : PC clear / UV 400
 supravision excellence
 2C-1.2 W 1 FKN CE



art.-no. : 9169.081
 colour : black
 Lens : PC grey 23% / UV 400
 supravision sapphire
 5-2.5 W 1 FTK CE



art.-no. : 9169.261
 colour : black
 Lens : PC clear / UV 400
 supravision excellence
 2C-1.2 W 1 FTKN CE



features

- Hingeless frame, soft temple ends
- Optically advanced lens
- Permanent anti fog; scratch resistance
- Fits comfortably on prescription glasses

applications

- General purpose - Over the spectacle
- Sun protection - Over the spectacle
- Can be worn with uvex respiratory

uvex skyguard NT 9175



art.-no. : 9175.275
 colour : grey / orange
 Lens : PC clear / UV 400
 supravision excellence
 2-1.2 W 1 FKN CE



features

- Feather light sporty design spectacle
- Spectacle with all-round protection
- uvex duo component technology
- Permanent anti fog; scratch resistance

applications

- General purpose
- Can be worn with uvex respiratory

uvex ultrasonic 9302



art.-no. : 9302.245
 colour : orange / grey
 Lens : PC clear / UV 400
 supravision excellence
 2-1.2 W 1 BKN CE



art.-no. : 9302.286
 colour : black / grey
 Lens : PC grey / UV 400
 supravision excellence
 5-2.5 W 1 BKN CE



features

- Full vision goggle, easy lens replacement
- Dual component technology
- Permanent anti fog; scratch resistance

applications

- Sun protection
- Grinding
- Dust environments
- Chemical splashes protection

uvex megasonic 9320



art.-no. : 9320.265
 colour : anthracite, blue
 Lens : PC clear / UV 400
 supravision excellence
 2C-1.2 W 1 BTKN CE



art.-no. : 9320.281
 colour : anthracite, lime
 Lens : PC grey 23% / UV 400
 supravision excellence
 5-2.5 W 1 BTKN CE



features

- Panoramic vision, easy lens replacement
- Flexible adjustment to any face
- Permanent anti fog; scratch resistance

applications

- Sun protection
- Grinding
- Dust environments
- Chemical splashes protection

uvex ultravision 9301



art.-no. : 9301.105
 colour : transparent grey
 Lens : PC clear / UV 400
 supravision excellence
 2C-1.2 W 1 BTKN CE



art.-no. : 9301.714
 colour : transparent grey
 Lens : CA clear / UV 380
 anti-fog
 2C-1.2 W 1 FN CE



features

- Full vision goggle, easy lens replacement
- Permanent anti fog; scratch resistance
- Available in PC & CA lenses
- Fits comfortably on prescription glasses
- Face shield option available

applications

- Dust environments, grinding
- Chemical splashes / paint protection

uvex faceguard 9301



art.-no. : 9301.555
 colour : transparent grey
 Lens : PC clear / UV 400
 supravision excellence
 2C-1.2 W 1 BTKN CE



art.-no. : 9301.318
 frame : transparent
 material: PC



features

- Full vision goggle with mouth protection
- Permanent anti fog; scratch resistance
- Combines goggles with flip-up face guard
- Completely seals the eyes and protects the face

applications

- Dust environments, grinding
- Chemical splashes protection

uvex i-range



NEW

art.-no. : 9143.265
 colour : anthracite, blue
 Lens : PC clear / UV 400
 supravision excellence
 2C-1.2 W 1 FKN CE



art.-no. : 9143.266
 colour : anthracite, blue
 Lens : PC clear / UV 400
 supravision excellence
 2C-1.2 W 1 FKN CE



art.-no. : 9143.267
 colour : anthracite, blue
 Lens : PC clear / UV 400
 supravision excellence
 2C-1.2 W 1 BKN CE



features

- Versatile 3in1 safety eyewear range
- Large, flat lens delivers unrestricted field of vision
- X-tended sideshield offers additional protection from hazards
- Side arms with multi-incline points
- Permanent anti fog; scratch resistance

applications

- General purpose

uvex mid range



art.-no.: 9192.370
uvex pheos one
PC clear / UV 2-1.2
supravision excellence



art.-no.: 9192.371
uvex pheos one
PC grey / UV 2-1.2
supravision excellence



art.-no.: 9192.372
uvex pheos one s - narrow vision
PC clear / UV 400
supravision excellence



art.-no.: 9199.265
uvex x-fit
PC clear / UV 400
supravision excellence



art.-no.: 9174.865
uvex skylite
PC clear / UV 400
supravision excellence

uvex welding protection



art.-no.: 9183.041
uvex i-5
PC grey / welding shade 1.7
infradur plus



art.-no.: 9172.045
uvex i-5
PC grey / welding shade 5
infradur plus



art.-no.: 9169.545
uvex super f OTG
PC grey / welding shade 5
infradur plus



art.-no.: 9320.045
uvex megasonic
PC grey / welding shade 5
infradur plus



art.-no.: 9302.045
uvex ultrasonic flip-up
PC grey / welding shade 5
infradur

uvex CR - autoclave safety eyewear



art.-no.: 9169.500
uvex super f OTG CR
PC clear UV400
supravision clean



art.-no.: 9320.500
uvex megasonic CR
PC clear UV400
supravision excellence



art.-no.: 9302.500
uvex ultrasonic CR
PC clear UV400
supravision clean

uvex CBR range



art.-no.: 9183.223
uvex i5 CBR
PC CBR23 UV400
supravision excellence



art.-no.: 9193.064
uvex sportstyle CBR
PC CBR65 UV400
supravision extreme

uvex pheos cx2 - uvex IR protection



art.-no.: 9198171
uvex pheos cx2
PC grey IR-ex 1.7 UV400
uvex infradur plus



art.-no.: 9198173
uvex pheos cx2
PC grey IR-ex 3 UV400
uvex infradur plus



art.-no.: 9198175
uvex pheos cx2
PC grey IR-ex 5 UV400
uvex infradur plus

uvex super f OTG - uvex IR protection



art.-no.: 9169171
uvex super f OTG
PC grey IR-ex 1.7 UV400
uvex infradur plus



art.-no.: 9169175
uvex super f OTG
PC grey IR-ex 5 UV400
uvex infradur plus

uvex prescription eyewear



art.-no.: 6108.215
uvex 5502
Non metallic EN Approved
safety frames



art.-no.: 6109.234
uvex RX cd 5518
Non metallic EN Approved
safety frames



art.-no.: 6109.112
uvex 5108
Metallic EN Approved
safety frames

uvex laser protection solutions

uvex laservision is one of the leading global producers of laser protection products. It develops, manufactures and distributes laser protection eyewear with EN/ANSI certification.



laservision

uvex cleaning accessories



art.-no. : 9970.005
includes : 2 x 9971.000
1 x 9972.103
1 x 9973.101



art.-no. : 9972.103
0.5L cleaning solution bottle



art.-no. : 9971.000
Refill pack of 700 tissues



art.-no. : 9973.101
Pump for cleaning station



art.-no. : 9963.000
Lens cleaning towelettes



care and maintenance

Despite the scratch resistant and permanent anti-mist coatings, uvex lenses still need to be looked after properly, as they will last longer and be more cost effective!



- Rinse dust and coarse particles off the lens under running water or saturating it using the lens coating spray from the cleaning station.
- If using a towelette, use the edge of the folded towelette to brush away surface dust.
- Spray a small amount of cleaning fluid onto both sides of the lens or unfold the towelette.
- Using a lens cleaning tissue or towelette, wipe the lens inside and out using a circular motion. Do not scrub the lens backwards and forwards.
- Store in a clean, dry pouch or bag when not in use.

eye protection EN standards overview

EN 166	Personal eye protection - Specifications.
EN 167	Personal eye protection - Optical test methods; optical clarity; light transmittance.
EN 168	Personal eye protection - Non-optical test methods; impact resistance, molten metal, liquid & chemical splash, protection against gases & fine dust, scratch & fogging resistance.
EN 169	Filters for personal eye protection used in welding and similar operations.
EN 170	Ultraviolet filters used in personal eye protection.
EN 171	Infra-red filters used in personal eye protection.
EN 172	Personal eye protection - Sunglare filters for industrial use.

marking and standards

Marking on lenses

in accordance with EN 166

2C - 1,2 W1 FT KN CE MM/JJJJ

Production date
Conformity mark
Additional marking
Mechanical strength
All uvex eyewear conforms to optical class 1
Manufacturer's identification mark
Tinting level
Filter

optical class

Optical class 1 = Best Class
Optical class 2 = Medium Quality
Optical class 3* = Low Quality (*Not for continuous use)

Marking on frame

in accordance with EN 166

W 166 34 FT CE

Conformity mark
Mechanical strength
Additional marking
EN standard
Manufacturer's identification mark

areas of use:

3 Drops and splashes of liquid
4 Large dust particles
5 Gases and fine dust particles
8 Electric arc
9 Molten material and hot solids

mechanical strength:

S Increased robustness
F Low energy impact (45 m/s)
B Medium energy impact (120 m/s)
A High energy impact (190 m/s)
T Tested under extreme temperatures

Uni(care)

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