

uvex

uvex IR-ex

Infrared protection
in accordance
with EN 171

protecting people

uvex-safety.com/ir-ex

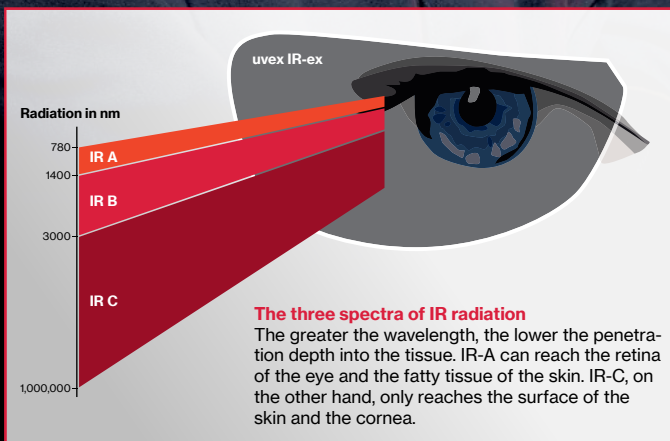
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uvex IR-ex

uvex IR-ex protects the eye

The eye is much more sensitive to infrared radiation than our skin. Where our skin still perceives heat radiation as acceptable or even pleasant, our eye may already be suffering initial damage from continuous exposure.

To provide effective protection for the sensitive human eye in various situations, uvex has developed the innovative IR-ex technology for safety eyewear. This offers reliable **infrared protection in accordance with EN 171** while simultaneously providing flawless visibility thanks to proven **uvex supervision coating technology**.



uvex IR-ex safety eyewear for your workplace

Thanks to their exceptional protection and vision features, the uvex IR-ex safety spectacles are suitable for use in a wide range of industries, for example quality control or maintenance work on glowing objects or in environments with powerful artificial infrared lighting. They can also be used as welding safety eyewear in accordance with EN 169 or UV safety eyewear in accordance with EN 170. Thanks to their long service life, uvex IR-ex safety eyewear is also a great economical choice.

Multi-standard compliant:
EN 171, EN 170, EN 169, JIS T8141,
ANSI/ISEA Z87.1

Durable uvex supravision coating:
K – outside extremely scratch-resistant
N – inside permanently anti-fog

Additional T certification on
lens and side arms
**Mechanical strength F at extreme
temperatures (tested at 55°C)**



Perfect colour recognition
thanks to a pleasant grey filter

100% **UV400** protection

Available in
**3 protection
levels**
1,7 / 3 / 5



Maximum transmission
in visible spectrum

Infrared protection with perfect colour recognition and signal light detection

The tint of the uvex IR-ex lens is truly innovative in the field of infrared safety eyewear: Instead of green or blue, as used in conventional models, the lens is tinted grey – this was previously only offered for classic glare protection eyewear or for some welding safety eyewear. This significantly improves colour recognition and **allows for clear detection of coloured signal or warning lights** – a key benefit for occupational safety.



uvex pheos cx2 – sporty-looking safety spectacles with high wearer acceptance



Art. no. 9198171
IR protection level 1.7

Art. no. 9198173
IR protection level 3

Art. no. 9198175
IR protection level 5

uvex super f OTG – classic overspecs for prescription spectacle wearers



Art. no. 9169171
IR protection level 1.7

Art. no. 9169173
IR protection level 3

Art. no. 9169175
IR protection level 5

Recommended use in accordance with EN 171

IR radiation, like UV radiation, cannot be perceived by the eye and therefore carries hidden health risks.

uvex IR-ex occupational safety eyewear are available with the **protection levels 1.7/3/5**. Their high light transmission in the visible range combined with **100% UV400 protection** make their performance truly impressive.

Protection level	Average temperature of the radiation source
4-1.7	up to 1090°C*
4-2	up to 1110°C (forges)
4-3	1190°C (glass blowing)*
4-4	1290°C (foundries)
4-5	1390°C (steel foundries)*
4-6	1510°C (iron foundries)

* available in the uvex portfolio

More details



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