

uvex

responsible performance

uvex safety eyewear



protecting people



2013

Central cooling system factory

2014

Heat recovery

2015

Introduction of ISO 50001

2018

New recycling centre

2018

PC recycling

Made in Fürth – quality from the uvex Eyewear centre of expertise

At the Fürth site, uvex develops and produces high-quality safety spectacles, goggles, prescription safety spectacles and laser protection eyewear using state-of-the-art technology and in close cooperation with strategic partners.

This combination forms the basis for the development of pioneering technologies and long-lasting, top quality products. Innovative, proprietary coating technologies and the use of selected materials from renowned raw material manufacturers ensure consistently high quality and long service life.

uvex safety eyewear

- 75% reduction in solvents used during production*



1.5 times longer service life for the activated carbon filter

Premium materials ensure excellent quality and a long service life

Reduction in energy consumption per year **70%***

Optimisation of process air systems

Replacement lenses available for 40% of our safety eyewear range

All cardboard boxes are made of >90% waste paper

Largest PV system in the uvex group with 1441 kWp output (2024)

ISO 9001, ISO 14001 and ISO 45001 certified

25% of all catalogue models have plastic-free, recyclable packaging

Proprietary coating technology leads to increased service life

20% of the annual electricity consumption is covered by our own photovoltaic system



2019

Dip coating phase out

2019

Inline viscosity sensors

2020

Switch to LED lighting

2021

In-house distillation of ethanol

2023

Central material supply system

2024

New logistics and service centre

* Calculation basis FY 2023/24

Increased transparency about the product

uvex responsible performance

Our labelling system makes it easy to quickly identify environmentally relevant product characteristics. With this system, you can see at a glance which aspects of the product design actively contribute to the reduction of CO₂, resource conservation and a circular economy – clearly, comprehensibly and with direct focus on the product.



Material

Products featuring this symbol contain bio-based materials, materials that can be composted at home or recycled materials. Recycled materials covers both post-consumer recycling materials (PCR) and post-industrial recycling materials (PIR).



Packaging

Products with this symbol feature more environmentally friendly packaging. For example, this can be packaging that is either 100% recycled or can be composted at home.



Circular economy

Products featuring this symbol are, for example, designed to last for a particularly long time, recyclable, intended to be used a second time or able to be repaired.



Carbon footprint

The product-specific greenhouse gas emissions are calculated on the basis of the DIN EN ISO 14067 standard. The values are shown in the following notation: "Carbon footprint: [cradle-to-customer value]/[cradle-to-grave value] kg CO₂e (calculation date)"

Compared to the cradle-to-customer value, the cradle-to-grave value also takes into account emissions from disposal and, if necessary, a usage phase.

Calculation method: IPCC 2021 GWP100a (in accordance with ISO 14067) •

Software/database: company-specific calculation based on SimaPro and ecoinvent • **Functional unit:** single product; for products used in pairs: pair •

Scope: cradle-to-grave • **Unit:** kg CO₂e • The specified CO₂e values are valid at the time of calculation and may be subject to change.

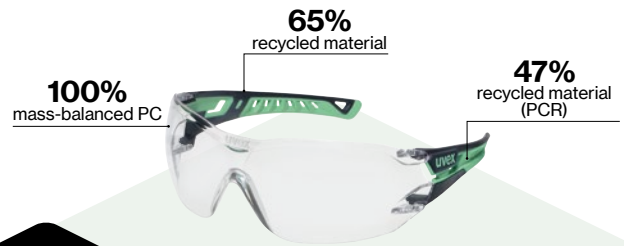
More information on the
uvex CO₂footprint



Model variants

At the Eyewear centre of expertise, we focus on combining safety, comfort and sustainability.

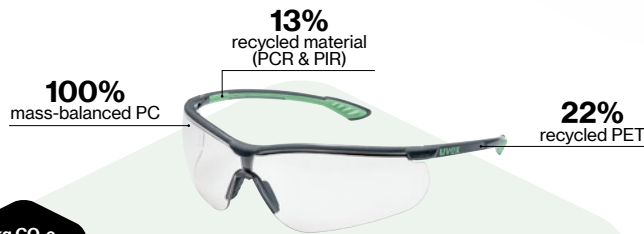
The use of recycled and bio-based materials must not compromise the protective properties of our products – a challenge that we have successfully met. Suitable materials have been selected and carefully incorporated into selected uvex bestsellers and new products.



kg CO₂e savings: -29%*

uvex pheos nxt planet

- Carbon footprint:** 0.11 kg / 0.15 kg CO₂e (02/2023)
- Recycled content:** 13% in accordance with ISO 14067
Bio-based content: 56%
- Packaging:** 100% plastic-free, recyclable packaging (9128294); 70% recycled polythene bag (9128295)



kg CO₂e savings: -43%*

uvex sportstyle planet

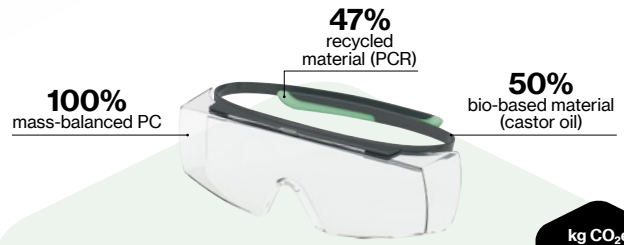
- Carbon footprint:** 0.11 kg / 0.15 kg CO₂e (01/2023)
- Recycled content:** 11% in accordance with ISO 14067
Bio-based content: 48%
- Packaging:** 100% plastic-free, recyclable packaging (9193394); 70% recycled polythene bag (9193395, 9193295)
- Repairable:** replacement lenses available



kg CO₂e savings: -46%*

uvex OTG plus planet

- Carbon footprint:** 0.14 kg / 0.21 kg CO₂e (08/2025)
- Recycled content:** 8% in accordance with ISO 14067
Bio-based content: 51%
- Packaging:** 100% plastic-free, recyclable packaging




kg CO₂e savings: -49%*

uvex super OTG planet

- Carbon footprint:** 0.13 kg / 0.19 kg CO₂e (01/2023)
- Recycled content:** 1% in accordance with ISO 14067
Bio-based content: 64%
- Packaging:** 70% recycled polythene bag

* compared to standard model based on cradle-to-customer values



42% bio-based CA

35% recycled material

-9% weight

kg CO₂e savings: -9%*

uvex hypervision planet


Carbon footprint: 0.87 kg / 1.05 kg CO₂e (06/2025)

Recycled content: 23% in accordance with ISO 14067

Bio-based content: 8%

Packaging: 70% recycled polythene bag

Repairable: replacement lenses available



100% mass-balanced PC

47% recycled material (PCR)

60% recycled yarn

kg CO₂e savings: -71%*

uvex megasonic planet


Carbon footprint: 0.21 kg / 0.46 kg CO₂e (04/2023)

Recycled content: 24% in accordance with ISO 14067

Bio-based content: 28%

Packaging: 70% recycled polythene bag

Repairable: replacement lenses available



100% mass-balanced PC

13% recycled material (PCR)

60% recycled yarn

22% recycled PET

kg CO₂e savings: -61%*

uvex ultrasonic planet


Carbon footprint: 0.18 kg / 0.32 kg CO₂e (01/2023)

Recycled content: 11% in accordance with ISO 14067

Bio-based content: 37%

Packaging: 70% recycled polythene bag

Repairable: replacement lenses available



100% mass-balanced PC

35% recycled material

39% bio-based material (castor oil)

60% recycled yarn

22% recycled PET

kg CO₂e savings: -41%* uvex i-lite

kg CO₂e savings: -49%* uvex i-guard

kg CO₂e savings: -48%* uvex i-guard+

uvex i-range planet

Carbon footprint:
 uvex i-lite: 0.12 kg / 0.16 kg CO₂e (02/2023)
 uvex i-guard: 0.19 kg / 0.25 kg CO₂e (01/2023)
 uvex i-guard+: 0.12 kg / 0.18 kg CO₂e (02/2023)

Recycled content: 1% / 12% / 20% in accordance with ISO 14067

Bio-based content: 60% / 40% / 34%

Packaging: 70% recycled polythene bag

Repairable: replacement lenses available

uvex



Impressive responsibility

Plastic-free packaging

Our plastic-free packaging is a clear indication of our commitment to increased sustainability, without compromising on quality and protection. The packaging is 100% plastic-free, 100% recyclable and made from 100% recycled paper. Instead of a traditional polythene bag, all eyewear is protected by recycled tissue paper – high-quality, functional and environmentally friendly at the same time.

The switch from polythene bags to tissue paper and the related adjustments to the sales units and instruction manuals reduce CO₂e emissions by 0.01 kg, resulting in savings of 33% compared to standard packaging.

33%
CO₂e savings

Through replacing the polythene bags and adjusting the sales unit and the scope of the enclosed instruction manual, the net weight of the packaging is reduced by 49% compared to standard packaging.

100%
plastic-free

100%
recycled
paper

49%
reduction
in weight

By eliminating polythene bags, the packaging is completely plastic-free and the paper used is obtained from 100% recycled material. This means that the packaging is made entirely of paper and can therefore be recycled easily and in full.

100%
recyclable

Overview



Model	uvex pheos nxt planet		uvex i-lite planet	uvex i-guard planet	uvex i-guard+ planet	uvex i-5
Article number	9128295	9198294	9143295	9143296	9143297	9183294
Standards	EN 166, EN 170		EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170
Frame						
Material	PA: 65% recycled content TPE: 47% PIR*		PC-PBT: 22% recycled PET PA: 39% bio-based	TPE: 35% recycled content PC-PBT: 22% recycled PET PA: 39% bio-based	TPE: 35% recycled content PC-PBT: 22% recycled PET Synthetic: 60% recycled yarn	TPU/TPE/POM
Marking	W 166 FT CE		W 166 F CE	W 166 34 F CE	W 166 34 B CE	W 166 FT CE
Lens						
Tint/UV protection	Clear/UV400		Clear/UV400	Clear/UV400	Clear/UV400	Clear/UV400
Coating	sv excellence		sv excellence	sv excellence	sv excellence	sv excellence
Material	PC: 71% bio-based (mass-balanced)		PC: 71% bio-based (mass-balanced)	PC: 71% bio-based (mass-balanced)	PC: 71% bio-based (mass-balanced)	PC (mass balanced)
Marking	2C-1.2 W1 FTKN CE		2C-1.2 W1 FKN CE	2C-1.2 W1 FKN CE	2C-1.2 W1 BKN CE	2C-1.2 W1 FTKN CE
Logistical information						
Weight	28 g		32 g	48 g	50 g	29 g
Packaging unit	1/10/160	10/160	1/10/160	1/8/128	1/8/128	10/160
EAN code	4066853001973	4066853059844	4031101942346	4031101942339	403101942322	4066853059783
Packaging	Polythene bag, 70% PIR*	100% plastic-free	Polythene bag, 70% PIR*	Polythene bag, 70% PIR*	Polythene bag, 70% PIR*	100% plastic-free
CO₂						
Carbon footprint (cradle-to-customer)	0.11 kg CO ₂ e (02/2023)		0.10 kg CO ₂ e (12/2025)	0.12 kg CO ₂ e (02/2023)	0.19 kg CO ₂ e (01/2023)	0.18 kg CO ₂ e (12/2025)



Model	uvex sportstyle planet		uvex pheos cx2	uvex pheos	uvex OTG plus planet	uvex super OTG planet
Article number	9193395	9193394	9198294	9192294	9139295	9169295
Standards	EN 166, EN 170		EN 166, EN 170	EN 166, EN 170	EN ISO 16321-1	EN 166, EN 170
Frame						
Material	PC-PBT: 22% recycled PET TPE: 45% PCR** + PIR*		POM/TPE	POM/TPE	PC-PBT: 22% recycled PET TPE: 45% PCR** + PIR*	PA: 50% bio-based TPE: 47% PCR**
Marking	W 166 FT CE		W 166 FT CE	W 166 FT CE	16321 W CT CE	W 166 FT CE
Lens						
Tint/UV protection	Clear/UV400		Clear/UV400	Clear/UV400	Clear/UV400	Clear/UV400
Coating	supravision extreme		sv excellence	sv excellence	sv excellence	sv excellence
Material	PC: 71% bio-based (mass-balanced)		PC	PC	PC: 71% bio-based (mass-balanced)	PC: 71% bio-based (mass-balanced)
Marking	2C-1.2 W1 FTKN CE		2C-1.2 W1 FTKN CE	2C-1.2 W1 FTKN CE	W UL1.2 CT 1 KN CE	2C-1.2 W1 FTKN CE
Logistical information						
Weight	23 g		28 g	29 g	46 g	37 g
Packaging unit	1/10/160	10/160	10/160	10/160	8/128	1/8/128
EAN code	4066853001423	4066853059905	4066853059875	4066853059813	4066853056805	4066853001393
Packaging	Polythene bag, 70% PIR*	100% plastic-free	100% plastic-free	100% plastic-free	100% plastic-free	Polythene bag, 70% PIR*
CO₂						
Carbon footprint (cradle-to-customer)	0.18 kg CO ₂ e (12/2025)		0.15 kg CO ₂ e (12/2025)	0.17 kg CO ₂ e (12/2025)	0.14 kg CO ₂ e (08/2025)	0.13 kg CO ₂ e (01/2023)



Model	uvex hypervision planet	uvex megasonic planet	uvex ultrasonic planet
Article number	9321695	9320295	9302290
Standards	EN ISO 16321-1	EN 166, EN 170	EN 166, EN 170
Frame			
Material	TPE: 35% recycled content PC-PBT/synthetic	TPE: 35% recycled content Synthetic: 60% recycled yarn	PP/TPE: 13% PCR PC-PBT: 22% recycled PET Synthetic: 60% recycled yarn
Marking	16321 W D 346 CE	W 166 34 BT CE	W 166 34 B CE
Lens			
Tint/UV protection	Clear/UV400	Clear/UV400	Clear/UV400
Coating	sv excellence	sv excellence	sv excellence
Material	CA: 42% bio-based	PC: 71% bio-based (mass-balanced)	PC: 71% bio-based (mass-balanced)
Marking	W UL1.2 D 1 N CE	2C-1.2 W1 BTKN CE	2C-1.2 W1 BKN CE
Logistical information			
Weight	88 g	96 g	83 g
Packaging unit	1/45	1/4/160	1/4/160
EAN code	4066853056164	4066853001362	4066853001331
Packaging	Polythene bag, 70% PIR*	Polythene bag, 70% PIR*	Polythene bag, 70% PIR*
CO₂			
Carbon footprint (cradle-to-customer)	0.88 kg CO ₂ e (06/2025)	0.21 kg CO ₂ e (04/2023)	0.18 kg CO ₂ e (01/2023)



*Post-industrial recycling materials **Post-consumer recycling materials

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