



uvex

uvex sustainability label

protecting planet

protecting people

protecting planet

uvex protects people and the planet

uvex's corporate mission of "protecting people" is more relevant than ever!

uvex's commitment to protecting people also includes responsibility with respect to society and the environment. As a family business, sustainability has been at the forefront of the company's thoughts and actions for many years.

uvex has set itself ambitious goals in terms of the environment, the economy and society. In its manufacturing facilities, uvex is working hard to increase energy efficiency and doing everything it can to become carbon-neutral in the near future.

High quality standards for products are combined with the development of recycling concepts and the use of bio-based materials. The durability and long service life of uvex products helps to reduce waste and conserve resources.

Under the motto "protecting planet", uvex is presenting a complete product system of environmentally friendly products for the first time.

“

We have been protecting people in sports, leisure and at work since 1926.
“protecting people” is our mission.

“protecting planet” is the natural continuation of this mission when it comes to treating people, society and nature responsibly.

With “protecting planet”, we have created a label that offers maximum transparency and information about our sustainability activities: from resource-saving products and innovative measures in our factories through to social commitment and social projects.

”

Michael Winter, Managing Partner of the uvex group





Examples for the new “protecting planet” label:



protecting planet

by using recycled material

In order to **conserve resources and protect the environment**, the uvex group processes various types of **recycled materials**. These include, for example, recycled polyamide from production surplus and recycled PET plastics from drinking bottles, which in turn are used to manufacture frames for our safety glasses and eyewear products, headbands, as well as reading glasses made from at least 70% post-consumer recycle.



protecting planet

by maximum reduction of pollutants

The uvex group does not use any substances hazardous to health in accordance with the REACH regulation and has also enforced its own list of restricted substances. It is the policy of the uvex group to only offer products that contain **as few harmful substances as possible** and that do not pose a risk to either the user or the environment. The uvex safety group applies the strictest criteria which exceed the applicable EU directives, particularly for products that come into contact with the wearer's skin, such as PPE.



protecting planet

by reducing waste

To protect the environment, the uvex group works to cut waste at as many different places as possible. To this end, we regularly scrutinise **the use of resources** in our production facilities on site in order to verify to what extent **procedures and processes** can be improved. The first specific example of a measure we are implementing in this context is a concerted effort to **reduce cardboard material** by changing packaging sizes and reusing shipping boxes. In the case of trade fair equipment, the uvex group also relies on **loan concepts** – this guarantees that the materials can be reused by other companies at a later date.



protecting planet

by saving energy

Environmental protection starts with electricity. For this reason, the uvex group uses **green energy** across its locations in Germany. This also applies to the locations of uvex safety Cagi in Italy, SwedSafe in Sweden and Heckel in La Walck (Alsace), France. ISO 50001 obliges the uvex group to verify that it has made **continual energy savings**. However, the uvex group does not simply rest on its laurels there: **saving electricity along the value chain** also has a high priority. The uvex group ensures **sustainable production** by continuously implementing sustainability measures at its own production facilities around the world. Individual measures include, for example, LED lighting, state-of-the-art machinery and heat recovery processes.



Scan QR Code for more information
uvex-group.com/en/responsibility/protecting-planet

The uvex sustainability label: a promise to people and the environment

“protecting people” is the mission behind all uvex group brands.

The aim is to offer people exactly the right protection they need with uvex products. **Protection** in this regard takes on meaning in a wider social, ecological and economic context. **protecting people** therefore naturally leads to **protecting planet**, i.e. expanding this promise to include protecting society and the environment.

To communicate these numerous measures, a label concept has been developed that describes the uvex group's sustainability projects with compelling statements.



protecting planet

by using bio-based material

The uvex group believes that **plant and bio-based materials** represent the future. For this reason, bio-based HDPE (high density polyethylene) made from sugar cane, Lavalan (pressed wool), Prolan (pressed Bavarian sheep's wool), rapeseed oil-based PU foams, textiles made from recycled PET bottles in addition to bamboo fibres, bio-based polyamide and other plastics developed on the basis of castor oil are already used in a wide variety of uvex products.



protecting planet

by creating durable products

The uvex group stands out from the competition by offering **improved product quality** that can be empirically verified. This can be seen in the coatings used for our safety glasses, for example. Accordingly, uvex group customers have to buy new products less often because the products can **withstand everyday use** for a longer period of time. This not only saves money over the long term; it also saves **valuable resources** and generates **less waste**.



protecting planet

by reducing CO₂ emissions

The uvex group has set itself the goal of continually reducing its own CO₂ emissions across various levels. For example, within Germany the uvex group sources **green energy** on the basis of 100% renewable energies in addition to **CO₂-neutral gas**. In so doing, the uvex group uses infra fürth gmbh to offset CO₂ emissions produced by gas combustion processes and supports **climate protection projects**. Innovative products are produced and services for the global market offered at uvex's own production plants, many of which are located in Germany and Europe. This firstly guarantees **high quality**, while also ensuring that transport routes are kept as short as possible. The uvex group makes a key contribution to reducing its ecological footprint by regularly implementing sustainability activities at its production facilities.



protecting planet

by using environmentally-friendly packaging

As part of its **sustainability strategy**, the uvex group has defined a target of continually increasing the proportion of **environmentally friendly packaging** it uses. In this context, for example, climate-neutral (a status achieved with the use of offsetting measures achieved by way of climate protection projects) and 100% recyclable packaging is used, which is occasionally even **plant-based** in the form of grass-based cardboard. Further examples include the use of grass and stone paper in addition to recycled packaging film and bags made from **renewable raw materials** such as Tencel.

The uvex sustainability label **protecting planet** can be found on products and their packaging, as well as at trade fair stands or in uvex group catalogues, for example. With this approach, uvex wants to not only emphasise its commitment to these areas of sustainability, but also raise awareness of environmentally friendly and socially responsible business practices.

uvex

An example of the **planet series** product system is the

uvex i-range planet



MADE IN GERMANY 



protecting planet

by using recycled material //
by using bio-based material

The side arms of the spectacles are made from **39% bio-based material**. uvex uses the castor oil plant as the renewable raw material and the energy used during production is from biomass sources. The couplings and headband hooks are made of **22% recycled PET bottles**, while the soft face seal is made of more than **35% recycled granulate** that has been recovered from production waste. The headband of the goggles is made of **72% recycled waste yarn**.



protecting planet

by using environmentally-
friendly packaging

The films of the polyethylene bags used consist of up to **70% recycled material**, which is obtained from production waste. All cardboard cartons are made of over 90% recycled paper.



protecting planet

by reducing waste

Using a smaller format for our eyewear user instructions has **reduced the amount of paper used by 30%**. Increasing the packaging unit from 5 to 10 pairs of glasses resulted in an additional reduction in the amount of cardboard required and also produces significantly less waste.

uvex i-range planet

protecting people
and the planet

The uvex i-range planet version also sets new standards in terms of sustainability:

We use recycled and bio-based materials for our innovative safety eyewear – in the spirit of environmentally friendly and resource-saving manufacturing. The properties of our safety eyewear (e. g. mechanical strength, UV protection, design and comfort) are not affected in any way.



39% of the side arm is made from the castor oil plant which is a bio-based renewable raw material. The couplings and hooks are made of

22% recycled PET bottles and the soft face seal of the guard version is made up of more than 35% recycled granulate, which comes from production waste.



The film of the packaging bags used consist of up to 70% recycled material, which is obtained from production waste.

All cardboard cartons are made from over 90% recycled paper.



By using a smaller format text for our eyewear user instructions the amount of paper used has reduced by 30%. Increasing the packaging unit from 5 to

10 pairs of glasses resulted in an additional reduction in the amount of cardboard required and significantly less waste. It also helps cut CO₂ emissions during the transportation of goods.

The uvex i-range planet makes an effective contribution to environmental protection supporting our protecting planet product system and our sustainability journey.



9143295



9143296



9143297

uvex i-range planet	uvex i-lite planet	uvex i-guard planet	uvex i-guard+ planet
Art. no.	9143295	9143296	9143297
Version	uvex supervision excellence	uvex supervision excellence	uvex supervision excellence
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170
Frame	anthracite, teal	anthracite, teal	anthracite, teal
	W 166 F CE	W 166 34 F CE	W 166 34 B CE
Lens	PA clear, bio-based	PA clear, bio-based	PC clear
	UV400	UV400	UV400
	2C-1,2 W1 FKN CE	2C-1,2 W1 FKN CE	2C-1,2 W1 BKN CE
Weight	32 g	48 g	50 g



Side arms made from 39%
bio-based castor oil



Headband hooks and
couplings made from 22%
recycled PET bottles



Face seal made from >35%
recycled waste granulate



Headband is made from
72% recycled waste yarn



uvex

An example of the **planet series** product system is the

uvex xact-fit planet



MADE IN SWEDEN 



protecting planet

by using recycled material //
by maximum reduction of pollutants

100% recycled polypropylene (PP) is used for the ergonomically shaped pins of the xact-fit planet. The oval-shaped foam plugs are subject to strict controls and have a maximum reduction of pollutants and harmful substances.



protecting planet

by using environmentally-
friendly packaging

All packaging for the hearing protection product is made from **100% recycled cardboard**.



protecting planet

by reducing CO₂ emissions

The SwedSafe company, which is part of the uvex group, leaves only a small carbon footprint. No fossil fuels are used in production and **100% of the electricity required comes from renewable sources**. To promote biodiversity at the site, natural grasslands/meadow landscapes and additional flowering plants have been created to provide more insect habitats. SwedSafe is certified to ISO 14001 environmental management.

Easy, fast
and accurate insertion

Medium protection
capacity for excellent
speech and signal
recognition for easy
communication

Replacement earplugs
are available, for a
cost-effective and
environmentally
conscious choice

No rolling required, so
they can be used with
dirty hands or while
wearing gloves

Ergonomically shaped
stems make fitting easy,
hygienic, accurate and
achieves a high level of
wearer comfort

Thumb indentations with
left and right marking ensures
correct insertion and
easy fitting

The shape means it
fits most ear canals
securely and
comfortably



uvex xact-fit planet

- Disposable earplugs uniquely shaped to match the anatomy of the ear canal
- 100% recycled polypropylene (PP) is used for the ergonomically shaped pins
- Tapered plug shape ensures natural, pressure free fit – maximising comfort and protection levels
- Left / right pod carriers simplify fitting and ensure accurate fit every-time
- Replacement earplugs can be dispensed through the standard uvex wall mounted dispenser unit
- Sealed PU foam reduces the potential for contamination
- Adjustable neck cord can be altered to wearers requirements for increased safety

uvex xact-fit		uvex xact-fit replacement earplugs	
Art. no.	2124001		2124002
Design	with reusable pin, in minibox		replacement earplugs, in minibox
Standard	EN 352-2		EN 352-2
Colour	lime		lime
Order unit	CT		CT
Content	50 PR, packed in pairs in CT		250 PR, CT of 5 pairs

MADE IN SWEDEN 

uvex

uvex xact-fit planet

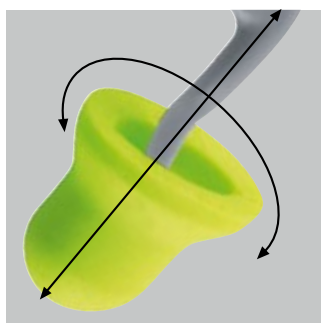
Using earplugs has never been easier



Packaging made from

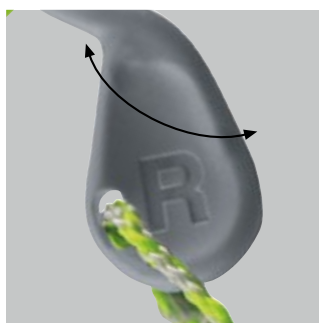
100%
recycled cardboard

100%
recycled
polypropylene
(PP) is used for
the ergonomically
shaped pins.



Perfect fit

Oval-shaped foam earplugs mimic the natural shape of the ear canal for low pressure fit and enhanced comfort.



Ergonomic thumb indentations

The ergonomic thumb indentations with left and right marking ensures correct insertion and easy fitting.



Adjustable cord

Thanks to an adjustable cord the earplugs can be worn comfortably around the neck so they're always conveniently to hand.

uvex

An example of the **planet series** product system is the

uvex pheos planet

uvex pheos planet B-WR // uvex pheos planet B-S-WR



MADE IN GERMANY 



protecting planet

by using recycled material //
by using bio-based material

The helmet shell is made of up to **30% bioplastic**. The organic raw material, sugar cane, is converted using a process that complies with the strictest quality requirements and achieves high stability and strength. **50% of the material** for the headband **is made of helmet shells**. This significantly reduces process-related waste during production.



protecting planet

by using environmentally-
friendly packaging

All individual packaging is made of regranulated material and has been taken from the recycling economy. The packaging is single-grade and can be returned to the recycling chain after use. This also saves fossil resources. The user instructions are printed on **100% recycled paper**.



uvex pheos planet B-WR
uvex pheos planet B-S-WR

- Helmet shell made of up to 30% bioplastic
- Headbands made of 50% regrated helmet shells
- Suspension harness with wheel ratchet system for variable width adjustment
- Safety helmet with helmet torch slot on the front
- Euroslot adapters on the side (30 mm) for attaching earmuffs and the uvex pheos visor system
- The shortened brim on the uvex pheos planet B-S-WR for unrestricted upwards vision
- Meets EN 397 standard and additional requirements for very low temperatures (-30°C) and molten metal (MM) splash
- Six-point suspension harness ensures excellent fit and comfort
- Three adjustable air vents for variable ventilation



	uvex pheos planet B-WR	uvex pheos planet B-S-WR
Art. no.	9772042	9772043
Colour	white	white
Type	with long brim	with short brim
Material	HDPE	HDPE
Standard	EN 397	EN 397
	-30 °C, MM	-30 °C, MM
Sizes	52 to 61 cm	52 to 61 cm

uvex WEARABILITY the key to compliance

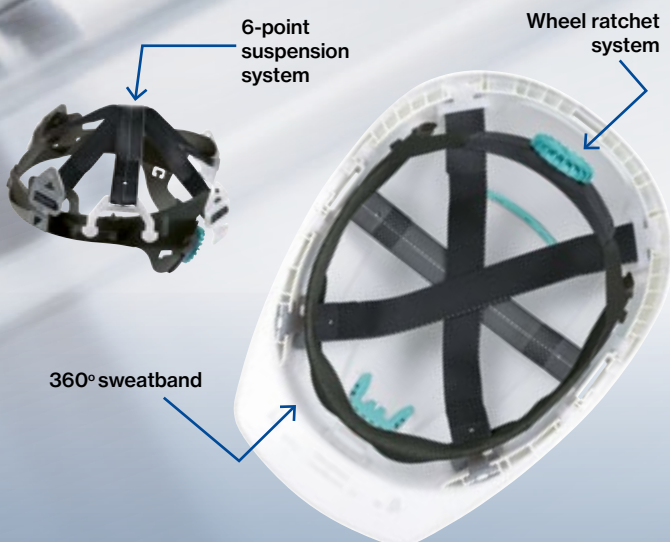
At uvex, we know the best PPE is the PPE that gets worn which is why we've designed WEARABILITY into every safety helmet we make. Wearability equals compliance. It's PPE that doesn't get in the way and lets you focus on the task at hand.

Comfort. Stability. Safety. Style

The suspension system of the uvex pheos planet is designed to raise industry standards in comfort and fit. Delivered completely pre-assembled, the premium, six-point suspension system is constructed of soft polyester straps that are ultrasonically welded to eliminate discomfort and any weakness resulting in stitching the fabric together.

The 360° sweatband is made with a moisture-resistant, easily replaceable, coated synthetic leather. In comparison to some hard hats, the padded sweatband covers the entire rim of the helmet for enhanced comfort.

Adjusting the size is simple with the one-hand-turn wheel ratchet, allowing wearers to achieve a comfortable fit on the go and without having to remove gloves or the helmet.



360° sweatband

6-point
suspension
system

Wheel ratchet
system



Stability, coverage, and visibility

The extra back-of-head coverage and lower centre of gravity eliminates the wobbly feeling of higher-sitting hard hats for secure, stable protection from falling debris.

The uvex pheos planet range offers a choice of two brim lengths, depending on your application and the amount of coverage you need. The shorter brim gives a greater upward field of vision, for jobs that require overhead work.



uvex climate management system

The climate inside a safety helmet can have a big impact on wearer comfort and compliance. The adjustable uvex climazone ventilation system has been designed to move the way you do with front and back vents that allows air in to cool the head and warm air to escape at the rear. The vents can easily be opened to increase airflow through the helmet and closed to help combat the elements.

uvex

An example of the **planet series** product system is the

uvex Bamboo TwinFlex® D xg planet



MADE IN GERMANY 



protecting planet

by using bio-based material //
by using recycled material //
by maximum reduction of pollutants

By using bamboo viscose uvex is utilising a renewable raw material and recycled polyamide. Together, these **sustainable materials** account for **45%** of the material used which equates to just under 20 grams per pair. The gloves also offer greater protection to the health of the wearer than stipulated by REACH regulations as they comply with the uvex list of banned substances and the skin compatibility has been dermatologically approved by the proDERM institute.



protecting planet

by using environmentally-
friendly packaging

The glove packaging has been minimised significantly. **Paper wrap** is used instead of rubber bands to secure bundles. Polyester bags have not been used by uvex in it's glove packaging for over 11 years.



protecting planet

by having a
CO₂ neutral production

uvex safety gloves is certified according to both Environmental Management ISO 14001 and Energy Management ISO 50001 and has CO₂-neutral production rating based on direct emissions from production. To achieve this, we have been sourcing electricity from **100% renewable energy sources** since 2014, and through the certified green electricity product we have been promoting the construction of new renewable energy plants in the region. We use green gas to operate the highly efficient CHP plant at our site, thereby offsetting the CO₂ emissions produced by gas combustion processes. Through carbon offsetting, we invest exclusively in climate protection projects that are certified by internationally recognised quality standards (Gold Standard or VCS (Verified Carbon Standard)) and thereby promote, for example, the construction of new plants in India for the generation of solar and wind power.

uvex Bamboo TwinFlex® D xg

Cut protection never felt better

The combination of high-tech and natural, sustainable Bamboo fibres are woven together to deliver a fine, 18-gauge cut protection glove (cut level D) that are extremely comfortable. High-performance polyamide and steel fibres offer an impressive level of protection against abrasion and cut hazards.

The uvex protexxion zone in the thumb crotch area provides double the abrasion resistance (200%) where it's needed enhancing durability and increasing service life. Wearers experience noticeable comfort thanks to the soft, silky bamboo-viscose material, smooth fit and high moisture absorption properties. The unique adaptive fit moulds precisely to the wearer's hand contours in minutes to further enhance comfort. The flexible Xtra-Grip aqua-polymer foam coating provides a highly effective grip in dry and slightly damp/oily conditions. Touchscreen compatible, this glove does not need to be removed between tasks.

The Bamboo TwinFlex® D xg features a total of 45% sustainable materials: recycled polyamide and bamboo-viscose, which is based on renewable raw materials.



Noticeably superior in:



Comfort

High and long-lasting comfort thanks to the soft, silky bamboo fibres. Adaptive Fit Technology: precisely moulds to the hand in 3-5 minutes.



Health

Dermatological approved, free of accelerators. Produced without using solvents. Accredited with 3 dermatological skincare certifications.



Long lasting

Double abrasion resistance in thumb Protexxion Zone - 2 x EN388 level 4. 5 x higher abrasion resistance in palm than EN388 Level 4.



Protection/Touchscreen

High cut protection (cut D) and Touchscreen compatibility. Contact heat resistance up to 100°C.



Sustainability

Made from 45% recycled/sustainable yarn in our CO₂ neutral production facility in Germany. Sustainable paper band packaging.

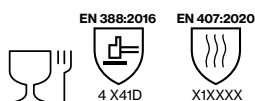


uvex Bamboo TwinFlex® D xg

- Thin and flexible 18-gauge liner delivers high levels of cut protection thanks to the use of the finest steel fibres
- Cut level D protection
- Patented Bamboo TwinFlex® yarn technology ensures fast and high levels of moisture absorption (sweat) as well as delivering a smooth silky-soft feel against the skin
- A mix of 45% recycled and sustainable fibres: recycled polyamide and sustainable bamboo
- Adaptive fit: moulds precisely to the wearer's hand contours within minutes to achieve a customised, comfortable fit
- Made in a state-of-the-art production facility certified according to both Environmental Management ISO 14001 and Energy Management ISO 50001 and has a CO₂-neutral production rating.
- Highly sensitive – excellent levels of dexterity for precise handling without compromising safety
- Flexible coating with a highly effective grip
- Cost effective - long lasting and durable thanks to the uvex protexxion zone in the thumb crotch combined with premium quality Xtra-Grip coating technology
- Suitable for use in the food industry
- Touchscreen compatible – no need to remove the glove between tasks
- Heat protection: protection against heat up to 100°C
- Dermatologically approved skin tolerability
- Free from harmful substances and allergenic accelerators

uvex Bamboo TwinFlex® D xg

Art. no.	60090
Standard	EN 388:2016 (4X41D)
Material	Bamboo viscose, High-performance polyethylene (HPE), Steel, polyamide (PA), Elastane
Coating	Aqua-polymer Xtra Grip foam
Suitable for	Dry and slightly damp work environments
Sizes	6 to 12



pure standard



Xtra Grip



clima zone

MADE IN GERMANY



protecting planet

by using bio-based material //
by using recycled material //
by maximum reduction of pollutants

uvex

An example of the **planet series** product system is the

uvex 1 G2 planet



MADE IN ITALY 



protecting planet

by using bio-based material //
by using recycled material //
by maximum reduction of pollutants

The upper part of the safety shoe is made from 100% recycled polyester made from PET bottles. The penetration resistant midsole is also made from **100% recycled materials**. **40% recycled TPU** is used for the TPR scuffcap. The shoe's distance mesh lining is made from **52% recycled polyester** and **18% bamboo fibres**. The replaceable comfortable climatic insole is also made of **100% recycled PU foam and polyester**. The entire safety shoe is manufactured without using any harmful substances as listed in the banned hazardous substances list created by uvex and goes beyond that of REACH.



protecting planet

by using environmentally-
friendly packaging

All uvex shoe boxes are made from **90% recycled cardboard**. **100% recycled tissue paper** is used and the instructions for use are also **100% recycled paper**.



protecting planet

by reducing waste //
by reducing CO₂ emissions

The uvex plant in Ceva, Italy, was completely converted to green electricity and green gas a few years ago and has been certified according to the environmental management system ISO 14001 since 2017. In addition, the plant uses renewable energy with a photovoltaic system. uvex places a special focus on waste prevention. Some years ago, the shape of the soles were redesigned and as a result significantly reduced the amount of waste. The cleaning and injection process is also continuously optimised. For some time now, all PU waste is collected and processed into granuals ready for reuse. For example, it is used to create our shock absorbing insoles. Up to **10% recycled PU waste** from uvex's production is used for the TPU outsole of the uvex 1 G2 planet.

uvex

uvex 1 G2 planet

100% Performance.
25% recycled.*



Status 03/23**



From the upper to the sole, the new uvex 1 G2 planet offers both sustainability and performance in one. In accordance with DIN EN ISO 14021:2016, it consists of 25% recycled materials in terms of weight, without compromising its protective properties and comfort compared to the well-known uvex 1 G2 models.

Many shoe components, such as the upper and insole, are made from 100% recycled materials. In addition, we already use some of our own PU waste for the production of the outsole: up to 10% is used in the uvex x-tended grip planet.

**Calculation method: IPCC 2021 GWP 100a (based on ISO 14067) SimaPro 9.4.02 Database ecoinvent 3.8. Scope: cradle to customer. The CO₂ values stated apply to the calculation period and may be subject to permanent changes.

*calculated in accordance with DIN EN ISO 14021:2016



uvex x-tended grip planet

10%

of TPU outsole is made of recycled PU waste



Comfortable climatic insole

100%

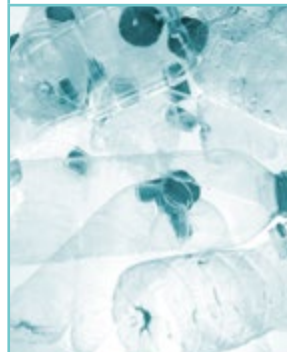
recycled polyester and PU foam



uvex x-dry knit planet

100%

recycled PET bottles in the upper



Distance mesh lining

18%

of the lining is made of bamboo, 52% made of recycled polyester



uvex i-PUREnrj technology

Shock-absorbing. Stabilising. Energy-returning.

- Outstanding shock absorption and energy return
- Foamed heel basket provides excellent stability and reduces the risk of injury



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uvex UK protecting planet 16042024

protecting people

uvex-safety.ie