

uvex

uvex Bamboo TwinFlex® D xg

Comfortable

Durable

Cost-effective

Sustainable



protecting planet

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



protecting people



uvex Bamboo TwinFlex® technology

High-tech for greater comfort when wearing cut protection gloves

Noticeably superior: the new uvex Bamboo TwinFlex® D xg

Uncompromising performance in cut protection level D

- 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
- Touchscreen compatible – no need to remove the glove between tasks

[Bamboo TwinFlex video](#)



The uvex logo is positioned in the top left corner of the advertisement. It consists of the word "uvex" in a bold, lowercase, sans-serif font. The background of the entire advertisement is a photograph of two people standing in a field of tall grass, with solar panels visible in the background. The person on the left is wearing a light grey t-shirt and dark grey trousers, while the person on the right is wearing a light green t-shirt and dark grey trousers. Both are wearing blue and black uvex gloves. The gloves have the uvex logo and some technical specifications printed on them. The overall tone of the advertisement is professional and eco-friendly, emphasizing the use of bamboo in the gloves' construction.

uvex Bamboo TwinFlex® comfort

First-class climate control

Measurably enhanced comfort

- Sweat reducing
- High breathability
- Significantly greater moisture absorption compared to other types of fibres

Patented Bamboo TwinFlex® comfort function

Wearers experienced noticeable comfort thanks to the smooth, silky-soft bamboo-viscose material. The bamboo fibre not only feels incredibly good against the skin, it also has very high and quick moisture absorption rates, to keep skin dry and comfortable through out the day.



6x

higher moisture absorption (sweat control) thanks to the bamboo fibres when compared to synthetic fibres delivering enhanced wearer comfort

20%

more breathable construction (when compared to the previous uvex bamboo gloves) due to the fine, flexible 18-gauge liner

2.8 seconds

very fast sweat absorption

uvex Bamboo TwinFlex® D xg adaptive fit technology

Maximum wearer comfort

uvex adaptive fit technology –
for every hand shape

Every hand is different.
Thanks to its innovative yarn technology, the uvex
Bamboo TwinFlex® D xg adapts to the unique shape
of every hand.

The glove gets noticeably more comfortable with
each passing minute. The Bamboo Twin-Flex® D xg
becomes increasingly flexible and adjusts to fit the
shape of your hand within a very short space of time.

The unique adaptive fit moulds precisely to the
wearer's hand contours in minutes to further
enhance comfort and flexibility.

The close collaboration of our highly-experienced
product development team at the Luneberg
production facility in Germany and the manufacturers
of innovative fibres and yarns has resulted in this
exciting Bamboo TwinFlex® technology development
that wearers will noticeably feel when wearing the
glove.



5 minutes

for the Bamboo TwinFlex® to start
adapting to the unique shape of
your hand

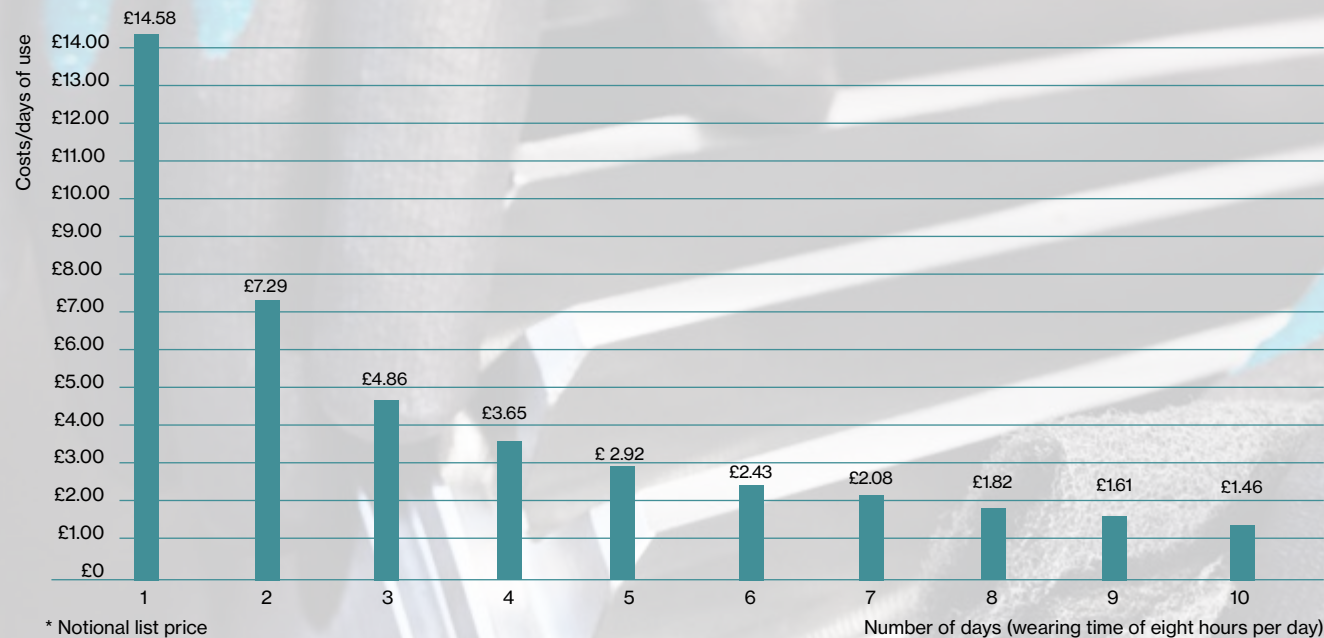
Zero

compromises in comfort.
Thanks to the adaptive fit, the Bamboo
TwinFlex® feels like a second skin

Cost reduction thanks to extended product life cycle

Sustainable and cost-effective. Sustainability through durability.

Cost effectiveness through cost reduction



5x higher abrasion resistance than the standard with abrasion level 4

The uvex Bamboo TwinFlex® D xg is characterised by its additional protection zone at the thumb crotch, Xtra-Grip coating and extraordinary abrasion resistance delivering enhanced durability and increased service life.

These features mean that it can be used for up to ten days, even in the most demanding and, heavy-duty applications.

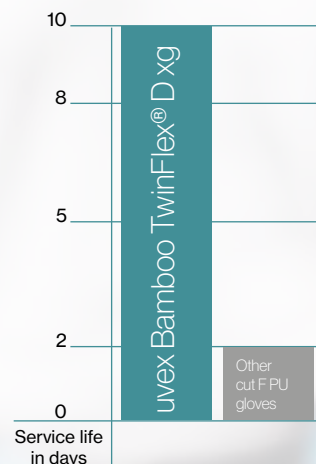
This leads to:

- Sustainability
- Cost reduction
- Waste reduction

Testing at a particularly tough tyre manufacturer showed that the uvex Bamboo TwinFlex® D xg could be used for an average wearing time of eight hours per day for ten days.

Reduced waste thanks to extended wearing time

Sustainable and cost-effective. Sustainability through durability. Cost effectiveness through cost reduction



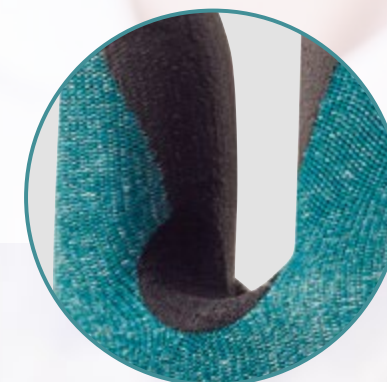
The uvex Bamboo TwinFlex® D xg can be used for eight days longer in comparison with other PU cut F products under exactly the same conditions.

These results are taken from a product test completed together with a tyre manufacturer in the heavy-duty sector.

The extremely long service life is ensured not only by the uvex protexxion zone, but also by the robust and flexible Xtra-Grip polymer coating, which is specially developed for the uvex Bamboo TwinFlex® D xg giving highly effective grip in dry and slightly damp/oily conditions.

Extremely long service life thanks to:

- uvex protexxion zone + high-quality Xtra-Grip coating
- uvex protexxion zone with smooth material surface to ensure that work processes run smoothly



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uvex Bamboo TwinFlex® D xg

Our contribution to #protectingplanet

45%

sustainable materials:

- bamboo-viscose comfort fibres
- polyamide recycle

Noticeably superior in

- 1 Comfort
- 2 Health (dermatologically tested)
- 3 Cost-effectiveness (long-lasting)
- 4 Protection, touchscreen
- 5 Quality, sustainability



NEW
uvex
protexxion zone



Comfortable: Silky-soft bamboo fibre



Healthy: tested for skin compatibility



Long-lasting: uvex protexxion zone



Additional feature: touchscreen capability



Local: Made in Germany

#protecting planet

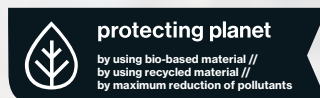
The uvex sustainability label: a promise for people and the environment

protecting people is the mission behind all uvex group brands.

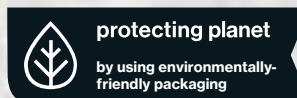
More information at:
uvex-safety.co.uk/protecting-planet/



The uvex Bamboo TwinFlex® D xg planet is an important part of the product system. How do we accomplish our “protecting planet” mission when it comes to hand protection?



uvex is utilising recycled polyamide and bamboo- viscose, a material based on the renewable resource bamboo Together, these sustainable materials account for 45 percent of the material used. The gloves also go considerably further to protect the health of the wearer than stipulated by REACH regulations and the skin compatibility has been dermatologically approved by the proDERM institute.



The glove packaging has been minimised significantly. Paper wrap is used instead of rubber bands to secure bundles. Polyester bags are not used at all.



uvex safety gloves are certified according to both Environmental Management ISO 14001 and Energy Management ISO 50001 and has CO₂-neutral production rating. The newly commissioned cogeneration plant will further reduce energy consumption at the Lueneburg site thanks to its high energy efficiency of > 90%. The cogeneration plant already meets the emission targets required by law from 01/01/2024 and is therefore one of the first cogeneration plants in Germany to comply with this standard.

Bamboo TwinFlex® technology is a registered trademark of UVEX SAFETY Gloves GmbH & Co. KG.



Made in Germany

uvex – innovative brand system provider with manufacturing expertise

uvex has been manufacturing its products in Germany for over 95 years and is one of the largest manufacturers of hand-protection products still operating in Germany and Europe.

At a time when global resources are scarce and transport capacities are limited around the world, this advantageous location makes a real difference to product availability and delivery.

High availability and short distances

Our range with faster availability

High-quality products

uvex is responsible for the entire value creation chain: from the initial idea for research and development through to manufacturing using state-of-the-art production methods.

• The **uvex safety gloves** is the uvex safety group's competence and technology centre for hand protection located in Lueneburg. The high technological standards in the production of hand protection solutions are impressive, as well as ensuring short distances between the manufacturer and the user.

MADE IN GERMANY

• The **uvex safety group** headquarters are located in the Bavarian city of Fuerth.

Overview of the uvex Bamboo TwinFlex® D xg

1. Cost efficiency

- **Long service life** thanks to uvex protexxion zone
- High-quality, robust and flexible **Xtra-Grip coating** gives more control while helping to reduce strain and fatigue.
- **More durable** for greater cost effectiveness
- Advantage: The smooth, non-stick material surface of the uvex protexxion zone in key stress areas ensures that **work processes run smoothly**

uvex protexxion zone



2. Sustainability

- Regenerated cellulose fibres (viscose) made from **renewable** bamboo
- **CO₂-neutral** production in Germany (Made in Germany) since 2016.
- Short supply chains
- Sustainable packaging since 2011
- **Solvent-free** production

MADE IN GERMANY 

3. Comfort

Particularly soft against the skin thanks to bamboo fibres:

- **Fast absorption** and high retention of **moisture (sweat)**
- **Silky-soft feel** against the skin
- Particularly **light, thin and flexible**
- **Adaptive fit:** The uvex Bamboo TwinFlex® D xg safety gloves adapt precisely to the unique shape of each hand after 3–5 minutes



4. Health

- 3 x dermatological skincare approvals (proDerm®) **skin compatibility**
- **Free from allergenic accelerators**
- **Free from solvents** - significant health and environmental benefits
- uvex harmful substances standard: **Exceeds REACH regulations** through continuous analysis of approx. 200 critical substances

5. Protection

- High **cut protection (cut level D)**
- No need to remove the glove between tasks thanks to **touchscreen capability**
- **Heat protection:** Contact heat resistance up to 100°C (EN 407, Level 1)
- **Suitable for handling food**







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Experience our Bamboo TwinFlex D xg in the
new augmented reality app



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protecting people