

uvex

uvex Bamboo TwinFlex®

Noticeably superior
cost-effective
durable
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

The uvex Bamboo TwinFlex® D xg is 24%
thinner and 30% lighter than previous
uvex bamboo products in cut level D.

- noticeably softer (natural bamboo fibres)
- noticeably thinner (18 gauge liner)
- noticeably safer (cut protection level D
in accordance with EN 388:2016: 4 X 4 1 D)
- touchscreen capability
- innovative, breathable and durable
Xtra-Grip foam coating (nitrile)
- extremely durable/cost-effective thanks to
uvex protexxion zone
- for dry and damp/oily areas
- high sensitivity
- effective grip
- tested for skin compatibility

Bamboo TwinFlex video



uvex

uvex Bamboo TwinFlex® comfort

First-class climate control

Measurably enhanced comfort

- reduced sweating
- high breathability
- significantly greater moisture absorption compared to other types of fibres

Patented Bamboo TwinFlex® comfort function

Silky-soft, comfortable material on the inside of the bamboo-viscose glove ensures very high wearer comfort against the skin. The bamboo fibre not only feels incredibly good on the skin, it also has a very high and quick moisture absorption rate, to keep your skin comfortable and dry while working.



6x

bamboo fibres offer higher moisture absorption in comparison with synthetic fibres

20%

more breathable than previous uvex bamboo products in cut level D

2.8 seconds

very fast absorption of water

uvex Bamboo TwinFlex® 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.

This is made possible thanks to the Bamboo
TwinFlex® technology developed by uvex and
the close cooperation between our develop-
ment department at the Lueneburg site and the
manufacturers of innovative fibres and yarns.
The difference is noticeable.



5 minutes

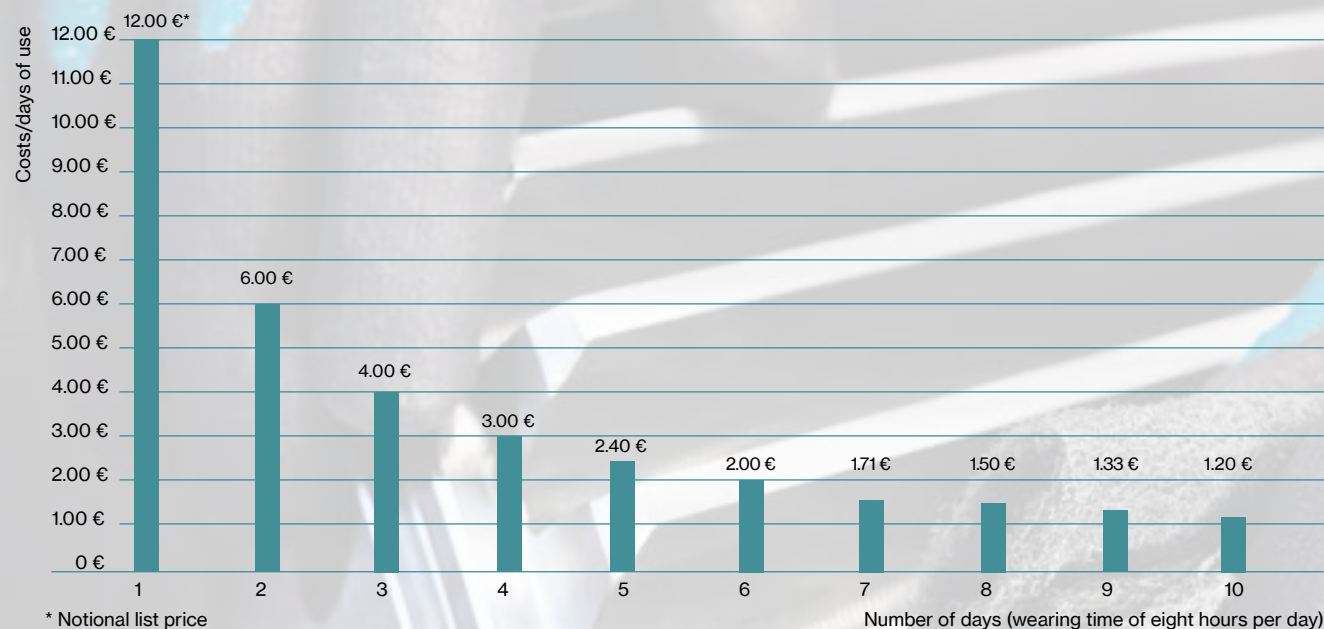
for the Bamboo TwinFlex® to start
adapting to the unique shape of
your hand

0.0

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



The uvex Bamboo TwinFlex is characterised by its additional protection zone at the thumb crotch, Xtra-Grip coating and extraordinary abrasion resistance (5x higher abrasion resistance than the standard with abrasion level 4).

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

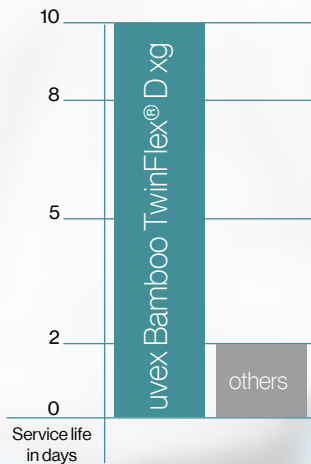
This leads to:

- Sustainability
- Cost reduction
- Waste reduction

Testing at a tyre manufacturer showed that the uvex Bamboo TwinFlex 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 can be used for eight days longer in comparison with competitors 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 TwinFlex® D xg.



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



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.

Our sustainability story

More information at: uvex-safety.com/protectingplanet



More information at: uvex-safety.com/bambootwinflex



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?

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

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.

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 are not used at all.

protecting planet
 by having a
 CO₂ neutral production

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

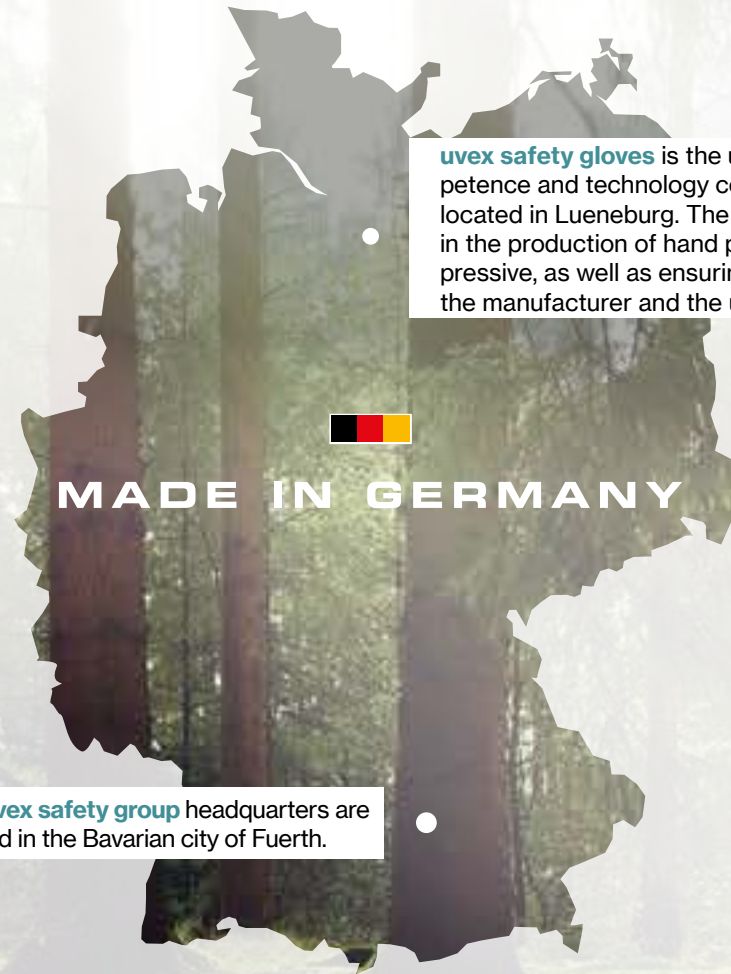
Our range with faster availability

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.



Visit us online
You'll be amazed by the variety and
quality of our Made in Germany range:
uvex-safety.com/madeingermany



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.

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

Overview of the uvex Bamboo TwinFlex

1. Cost efficiency

- **long service life** thanks to uvex protexxion zone
- high-quality **Xtra-Grip coating**
- **more durable** for higher cost effectiveness
- advantage: The smooth, non-stick material surface of the uvex protexxion zone 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)
- short supply chains
- **solvent-free** production

MADE IN GERMANY 

3. Comfort

Particularly soft against the skin thanks to bamboo fibres:

- **fast absorption** and high retention of **moisture**
- **silky-soft feel** against the skin
- particularly **light, thin and flexible**
- **adaptive fit:** The uvex Bamboo TwinFlex safety gloves adapt precisely to the unique shape of each hand after 3–5 minutes



4. Health

- dermatologically approved (proDerm®) **skin compatibility**
- **free from allergenic accelerators**
- **free from solvents**
- 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 thanks to **touchscreen capability**
- **heat protection**
- **suitable for handling food**



uvex

[Experience our Bamboo TwinFlex D xg in the new augmented reality app](#)



UVEX ARBEITSSCHUTZ GMBH
Wuerzburger Straße 181-189
90766 Fuerth
GERMANY

T: +49 911 9736 6387
E: info@uvex-safety.be
I: uvex-safety.be

 facebook.com/uvexsafetygroup

 youtube.com/uvexsafetygroup

 instagram.com/uvexsafety

 twitter.com/uvexsafetygroup

protecting people