

**uvex**

# uvex suXNeed greencycle planet

100% biologically compostable  
workwear



**protecting planet**

by reducing waste //  
by using compostable material //  
by maximum reduction of pollutants

TOP 100



German  
Sustainability Award  
Design 2023

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protecting people

# protecting planet

To help raise awareness of its commitment to achieving increased sustainability, uvex has developed the **protecting planet** label.



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

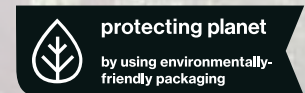


The **uvex suXXeed greencycle planet** collection plays an important part in the product system

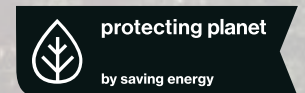
How does the workwear collection contribute to our protecting planet mission?



All the material components of the clothing are fully compostable and all products carry the Cradle to Cradle™ seal of approval. They can be put back into the cycle in an environmentally friendly manner, meaning that they do not produce any textile waste.



The individual packaging, including all tags and labels, is also biodegradable.



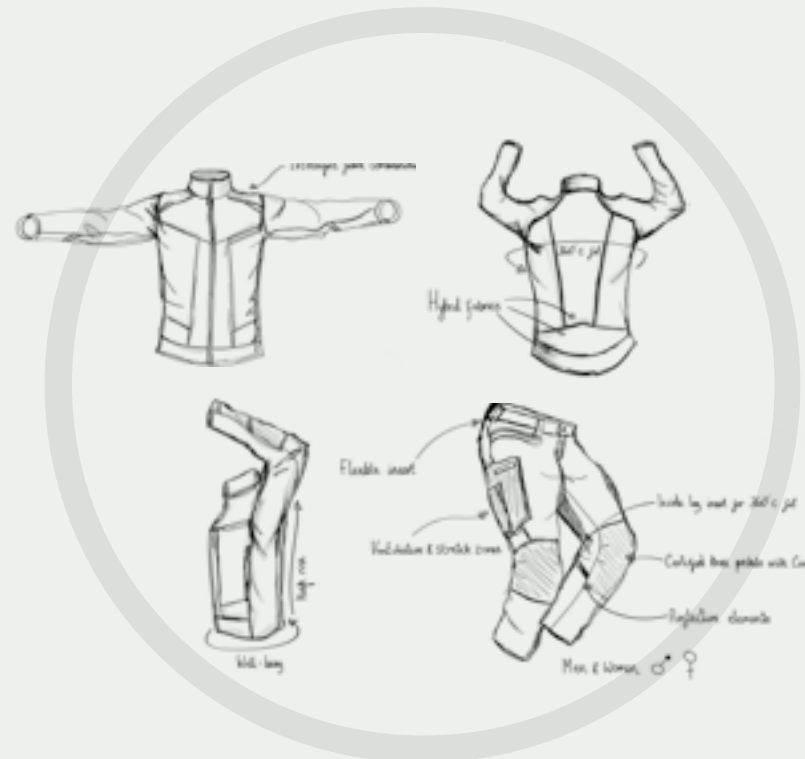
Renewable energy is used to produce the clothing. At the same time, at least 50 percent of direct on-site emissions are offset. Production in Europe and the associated short transport routes ensure that there are no unnecessary environmental impacts.



# uvex suXXeed greencycle planet

## What does suXXeed stand for?

The workwear range is not just about sustainability — function is key too. That's why the uvex suXXeed greencycle planet collection is based on our successful and popular suXXeed range, for which we have already received the German Design Award. This means that we've combined the best features of suXXeed with a thoroughly thought-out, sustainable concept, thereby adding a new member to our large suXXeed family.



### The following series are highlights of the collection:

uvex suXXeed

basic

seamless underwear

construction

arc

ESD

multifunction



# The cradle to cradle™ cycle

This principle means that as well as being sustainably produced, a product should not have to be thrown away at the end of its service life. Instead, it should be given a new lease of life by being returned to the biological cycle.

Products that are made according to this principle are given the renowned "Cradle to Cradle Certified™" seal of approval. This is awarded by the Cradle to Cradle Products Innovation Institute, a non-profit organisation that evaluates and promotes the sustainability of products according to scientific standards. Only products that meet set requirements in five categories are eligible for this certification. These categories are:

- **Safety of materials:** only materials and chemicals that do not have any harmful effects on people or the environment can be used.
- **Recyclability:** product design must take recyclability into consideration right from the start.
- **Renewable energies:** energy from renewable sources must be used for production, and greenhouse gas emissions must be reduced or eliminated.
- **Responsible use of water:** water must be protected and used sparingly as a valuable resource.
- **Social justice:** the interests of the people and ecosystems that are involved in manufacturing the product must be taken into consideration.

At the end of the product's life, all of it can be returned to the cycle. For this purpose, it is added to the home compost or can be fed into an industrial composting process.

The decomposition process requires microorganisms, oxygen, moisture and heat. All the materials used, including the dyes, are 100% compostable. This way, the material is returned to nature and new raw materials can be produced.



# greencycle

designed for the biological cycle

We've thought of everything in our first fully compostable workwear collection. From renewable energies and short transport routes within Europe to high social standards, all criteria are tested and certified by an independent institute.

### Environmentally friendly clothing from uvex

Our uvex suXXeed greencycle planet collection was designed to be recycled. All listed materials — from the care label to the buttons, fabrics and yarns used, right through to the packaging and tags — are therefore biologically degradable.

This means that we are not only doing justice to our motto of "protecting people" — we are also protecting future generations and the environment.



### Environmentally friendly clothing

This clothing decomposes fully within around 400 days of composting and is returned to the natural life cycle.

### Recycling

Buttons, yarn, fabric and dye — everything is fully compostable.

### Packaging

Paper bags and tags are made from wood fibres.



uvex



## T-shirt

Men

Women

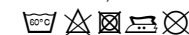
Art. no. **88888** ■ mossgreen  
**88889** ■ light grey  
**88890** ■ light blue

Size S to 6XL

Art. no. **88885** ■ moss green  
**88886** ■ light grey  
**88887** ■ light blue

Size XS to 4XL

**Material** 98% cotton, 2% elastane, approx. 170 g/m<sup>2</sup>



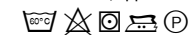
**Description:** • biodegradable elastane • regular fit • rounded neckline (men's) • boat neckline (women's) • Cradle to Cradle™ gold certified

## Work shirt

Art. no. **88812** ■ anthracite

Size S to 6XL

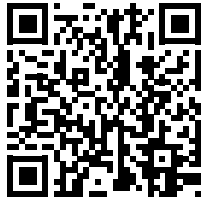
**Material** 48% cotton, 48% polyester, 4% elastane, approx. 230 g/m<sup>2</sup>



INDUSTRIALWASH●●

**Description:** • biodegradable polyester and elastane • regular fit • button panel in the front centre • turn down collar • one breast pocket with glasses and pen loop • cuffs with button fastening • Cradle to Cradle™ gold certified





### Cargo trousers

Men Women

<b>Art. no.</b> 88868	■ anthracite	<b>Art. no.</b> 88876	■ anthracite
<b>Size</b> 42 to 64, 90 to 110		<b>Size</b> 34 to 54	

**Material** 48% cotton, 48% polyester, 4% elastane, approx. 230g/m2



INDUSTRIALWASH●●

**Description:** • biodegradable polyester and elastane • regular fit • ergonomic cut • gusset section in crotch area • elasticated waistband at the back, buttoned fly • left side pocket with button fastening • folding rule pocket and pen pocket on the right • back pockets • uvex logo engraved • Cradle to Cradle™ gold certified

### Bermuda

**Art. no.** 88811 ■ anthracite  
**Size** 42 to 64

**Material** 48% cotton, 48% polyester, 4% elastane, approx. 230g/m2



INDUSTRIALWASH●●

**Description:** • biodegradable polyester and elastane • regular fit • ergonomic cut • gusset section in crotch area • elasticated waistband at the back, buttoned fly • left side pocket with button fastening • folding rule pocket and pen pocket on the right • back pockets • uvex logo engraved • Cradle to Cradle™ gold certified



## **How long has the Cradle to Cradle™ concept been around?**

The principle was designed by German chemist Michael Braungart and American architect William McDonough at the end of the 1990s.

C2C certification has been available since 2010 and our products are certified by EPEA GmbH Switzerland.

## **What is the collection's target market?**

The products are suitable for people working in trade, industry and landscape gardening, or for anyone who wants to take a new step towards a sustainable future with us.

## **Where are the products produced?**

The materials are produced in Italy and the products are manufactured in North Macedonia. This ensures that transport distances are short.

## **Is it possible to make PPE products according to the Cradle to Cradle™ concept?**

Not currently, because PPE uses equipment, chemicals and dyes that are not biodegradable. We hope that further developments will be made in this area in the future.

## **Are there any disadvantages for the clothing?**

No, customers do not have to compromise on the comfort and durability of their products. However, the fact that all materials and accessories have to be biodegradable means that we can't use components such as zips, hook-and-loop fasteners or press studs. We hope that more and more biodegradable materials and accessories will be developed in the future.

## **What is the product's life cycle under normal wear and tear?**

All properties, such as durability, colour fastness and tear resistance of the materials used, meet the usual standards of long-lasting workwear. The product's life cycle is no shorter.

## **How are the products washed?**

All products are suitable for washing in a domestic washing machine. Products made of non-woven fabric, such as trousers, bermuda shorts and worker shirts, are even suitable for industrial laundering.







**Do any care products used on the garments need to be free of harmful substances, e.g. should fabric softener be avoided?**

Generally speaking, fabric softener should not be used. EU law states that the surfactants contained in detergents must now be biodegradable. And more generally we recommend using environmentally friendly detergents, such as those with the EU Ecolabel.

**Can the products be enhanced with logos?**

It is not yet possible to customise the products because all the prints, emblems, transfer logos etc. must be biodegradable. We are working hard on a direct embroidery solution and are currently testing biodegradable embroidery yarn.

**Can the products be disposed of in organic waste bins?**

No. Waste systems in Germany have not yet been updated for composting biodegradable textiles among other biodegradable waste. Organic waste is sorted, sieved and crushed, and at this point our textiles would be rejected and burnt.

**Does uvex offer a return option? And is industrial composting possible?**

No: Our aim was to create a cycle that would allow customers to dispose of the products easily and directly.  
Yes: All products can be industrially composted without exception.

**Where can customers dispose of products if they don't have a compost bin?**

We recommend that customers ask their neighbours if they can use theirs.

**What happens to products that have been contaminated, for example by chemicals?**

Products contaminated with chemicals should not put on the compost heap. Contamination with oil should be washed out before disposal.




# uvex


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protecting people