Innovative hand protection. Measurably enhanced wearer comfort.

uvex i-gonomics stands for maximum functionality with first-class comfort: The innovative product system is perfectly adapted to the human physiognomy and is characterised by its extreme durability, low weight and optimal climate control. Wearer acceptance of safety gloves is enhanced – a significant bonus for safety.

Even better protection – with maximum wearer comfort

The innovative uvex synexo Z200 safety glove offers reliable protection – partial protection zones effectively increase tear resistance and cut protection. The high breathability of these gloves, thanks to their porous coating, means they are extremely comfortable to wear at all times.
The relief index is calculated using the mean value of the three index values (IV) for force, weight and temperature – ranging from 0 (= poor) to 5 (= perfect).

**weight 4.2**

Lightweight feel reduces the onset of fatigue

- Test method: Weighing of the glove (pair)
- Test result: Weight = 36.6 g

**force 4.8**

Very hard-wearing, optimal protection

- Test method: Tear resistance in the area of the thumb joint
- Test result: Tear resistance = 410 N

**clima 3.3**

Reduced perspiration for increased wearer acceptance

- Test method: Water vapour permeability
- Test result: $R_{wv}$ value/mm = 18.0

* independently tested by the Hohenstein Institute
Innovative safety gloves “Made in Germany”
Manufacturing and technology expertise

uvex centre of expertise for safety gloves in Lüneburg, Germany
Development expertise, state-of-the-art robot-controlled manufacturing technology and stringent quality control ensure the first-class quality of our safety gloves. By manufacturing in Germany, uvex pursues efficient, resource-preserving production processes and ensures that the path from manufacturer to end user is as short as possible.

Development/production
Fully integrated development processes across all stages:
• own yarn/liner manufacturing
• own compounding (blending)
• specially developed moulding and process technology
• innovative coating technology
• development of customer-specific solutions
• technical modifications to existing products
  (e.g. thermal lining)
• individual production (e.g. gloves for disabled people)

State-of-the-art production:
• 100% solvent-free manufacturing
• sustainable use of resources

Innovation
• Use of high quality natural and functional fibres
  – good skin compatibility
  – high wearer acceptance

• Tested products, free from harmful substances
  – uvex pure Standard (very good skin compatibility, dermatologically tested)
  – Certified in accordance with Oeko-Tex® Standard 100
    (e.g. product class II)

Detailed information on the award criteria applied by the certification bodies OEKO-TEX®, proDERM and Top100 can be found at: uvex-safety.com/certificates
Extensive know-how is part of our service

Service expertise

We know exactly what you want.

Our expertise is available for you at all times which forms the basis of our on-site. Risk-hazard analysis service: Our hand protection specialists work with you to determine which safety gloves are best suited to your individual requirements. Seminars, laboratory analyses and online tools round off our service portfolio.

Consultation / training / application technology

• on-site consultation from uvex product specialists
• practical hand protection seminars (uvex academy)
• plant and laboratory tours for customers
• cooperation with scientific institutes
• measurement and analysis service in own laboratories
  – mechanical standard test in accordance with EN 388
  – permeation tests in accordance with EN 374
  – special tests (e.g. antistatic/grip measurement/climate test)
• individual certifications (e.g. for ingredients, coating compatibility, food product suitability)

Information / e-services

• Chemical Expert System (CES)
• designer glove plan
• online product data sheets
• online user instructions
• online declaration of conformity
• online media database

ISO 14001 certification

UVEX SAFETY Gloves in Lüneburg is the second company within the uvex safety group to have been certified to the international environmental management standard ISO 14001. ISO 14001 focuses on the continuous improvement process, with the aim of enabling concrete environmental goals to be achieved in the long term. No other safety glove manufacturer in Europe has ever achieved this stringent certification before.

For further information, please visit: www.uvex-safety.de/usglfilm
As a leader of innovation, we place the highest demands on the products and services. The uvex Chemical Expert System (CES) has been developed by experts for experts. This online tool supports you in the comprehensive analysis and optimisation of safety glove solutions for your business.

**Online chemicals database for safety gloves**

The uvex Chemical Expert System (CES) offers an extensive chemicals database for selecting the appropriate safety gloves for working with hazardous substances. As a user, you can create a personal permeation list or receive advice from our specialists. It only takes a few clicks to discover the right chemical protection safety gloves for your specific requirements.

**Glove plan designer**

The glove plan designer in the uvex Chemical Expert System makes it quick and easy to create glove plans to ensure high safety standards in your business. Following completion of the registration process, you can either adapt existing glove plans devised by our specialists or design your own. The system helps you create a complete glove plan in a few simple steps and the high degree of customisation presents a diverse range of possibilities.

---

**Advantages of the uvex Chemical Expert System:**

- extensive database of tested chemicals
- individual creation of a permeation list
- easy selection of chemical protection safety gloves
- personal account with premium functions
- self-explanatory creation and management of glove plans
- high degree of glove plan customisation
- available in a variety of languages

**uvex – advice and product expertise from a single source.**

[https://ces.uvex.de](https://ces.uvex.de)
A practical introductory seminar on industrial hand protection.

- information on legal and standards requirements concerning the use of safety gloves
- introduction to the relevant chemical substances and how they are classified
- information on the materials used in hand protection and their applications
- information on assessing and avoiding potential dangers in the workplace
- introduction to fibre technology: the advantages and uses of different fibres
- practical demonstration of the protective qualities of different hand protection materials
- guidance in choosing suitable safety gloves at work

Target group
Those responsible for employee health and safety, e.g. health and safety-officers, specialist purchasers and representatives of employee groups.

Dates
30 January 2019
26 June 2019
6 November 2019

Venue: UVEX SAFETY Gloves GmbH & Co. KG, Lüneburg

For more information or to book a place, please visit uvex-academy.de, call +49 (0)911 9736 1710 or email academy@uvex.de
EN 388:2016
Modification to the standard for cut protection gloves

Protection classes for cut protection gloves were previously assigned in Europe in accordance with standard EN 388:2003. Due to the continuous development of technical materials – so-called "high-performance fibres" – it has become necessary to adjust the methods used to test and classify these products. These changes have been implemented in standard EN 388:2016.

Test procedure in accordance with EN 388:2003

- Cut resistance test using the coup test
- Rotating circular knife moves back and forth at a constant force (5 newtons) on the test material and rotates counter to the movement
- The index value results from the number of cycles required to the point at which the test piece is cut through, and from the degree of wear of the blade.
- Five measurements are performed in this way on each test piece. The average of the five index values confirms the corresponding performance class for the cut protection level of a safety glove.

<table>
<thead>
<tr>
<th>Performance class</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Index</td>
<td>≥ 1,2</td>
<td>≥ 2,5</td>
<td>≥ 5</td>
<td>≥ 10</td>
<td>≥ 20</td>
</tr>
</tbody>
</table>

Test procedure in accordance with EN 388:2016/ISO 13997

- Relates to cut protection gloves made from materials that cause the blades to become blunt (i.e. glass and steel fibres).
- Additional test procedure in accordance with ISO 13997: Determination of resistance of the glove to cutting by a sharp object through single contact under higher force
- Here, a long, straight blade is drawn once over the test piece. The minimum force required to cut through the test piece after 20 millimetres is determined in the process.
- The result is given in newtons (N) and assigned to a cut protection class.

<table>
<thead>
<tr>
<th>Performance class</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Newton value</td>
<td>≥ 2</td>
<td>≥ 5</td>
<td>≥ 10</td>
<td>≥ 15</td>
<td>≥ 22</td>
<td>≥ 30</td>
</tr>
</tbody>
</table>

No correlation can be made between the two test procedures and performance rating. The glove still offers the same high level of cut protection in practice; the only change is to the standard-based classification of its performance.

As a leading manufacturer of cut-protection products, we have state-of-the-art measurement technology for both standards in our own test laboratory, and are therefore available to answer any questions at any time.

For further information regarding the EN 388:2016 and EN ISO 374-1:2016 standards, see: uvex-safety.com/blog/de/tag/schutzhandschuhe/
Chemical safety gloves must meet the requirements of European standard EN ISO 374-1. This standard has undergone fundamental changes in terms of certification.

**Part 1 (Terminology and performance requirements for chemical risks) contains important modifications:**

- Expansion of test chemicals from 12 to 18
- Omission of beaker glass for "water-resistant safety glove with low protection against chemical risks"
- Standardisation of types of gloves into type A, B or C
- Modification to labelling on the product:
  Pictogram of Erlenmeyer flask with differing number of letters for test chemicals depending on type

**New labelling of safety glove:**

- EN ISO 374-1:2016/Type A
- EN ISO 374-1:2016/Type B
- EN ISO 374-1:2016/Type C

Expansion of test chemicals:
The test catalogue has been expanded in accordance with the new standard.

<table>
<thead>
<tr>
<th>Letter symbol</th>
<th>Test chemical</th>
<th>CAS no.</th>
<th>Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Methanol</td>
<td>67-56-1</td>
<td>Primary alcohol</td>
</tr>
<tr>
<td>B</td>
<td>Acetone</td>
<td>67-64-1</td>
<td>Ketone</td>
</tr>
<tr>
<td>C</td>
<td>Acetonitrile</td>
<td>75-05-8</td>
<td>Nitrile</td>
</tr>
<tr>
<td>D</td>
<td>Dichloromethane</td>
<td>75-09-2</td>
<td>Chlorinated hydrocarbon</td>
</tr>
<tr>
<td>E</td>
<td>Carbon disulphide</td>
<td>75-15-0</td>
<td>Sulphur-containing organic compound</td>
</tr>
<tr>
<td>F</td>
<td>Toluene</td>
<td>108-88-3</td>
<td>Aromatic hydrocarbon</td>
</tr>
<tr>
<td>G</td>
<td>Diethylamine</td>
<td>109-89-7</td>
<td>Ether</td>
</tr>
<tr>
<td>H</td>
<td>Tetrahydrofuran</td>
<td>109-99-9</td>
<td>Heterocyclic and ether compounds</td>
</tr>
<tr>
<td>I</td>
<td>Ethyl acetate</td>
<td>141-76-6</td>
<td>Esters</td>
</tr>
<tr>
<td>J</td>
<td>n-Heptane</td>
<td>142-82-5</td>
<td>Aliphatic hydrocarbon</td>
</tr>
<tr>
<td>K</td>
<td>Sodium hydroxide, 40%</td>
<td>1310-73-2</td>
<td>Inorganic base</td>
</tr>
<tr>
<td>L</td>
<td>Sulphuric acid, 96%</td>
<td>7664-93-9</td>
<td>Inorganic acid, oxidising</td>
</tr>
<tr>
<td>M</td>
<td>Nitric acid, 65%</td>
<td>7697-37-2</td>
<td>Inorganic acid, oxidising</td>
</tr>
<tr>
<td>N</td>
<td>Acetic acid, 99%</td>
<td>64-19-7</td>
<td>Organic acid</td>
</tr>
<tr>
<td>O</td>
<td>Ammonia water, 25%</td>
<td>1336-21-6</td>
<td>Organic base</td>
</tr>
<tr>
<td>P</td>
<td>Hydrogen peroxide, 30%</td>
<td>7722-84-1</td>
<td>Peroxide</td>
</tr>
<tr>
<td>S</td>
<td>Hydrofluoric acid, 40%</td>
<td>7664-39-3</td>
<td>Inorganic acid</td>
</tr>
<tr>
<td>T</td>
<td>Formaldehyde, 37%</td>
<td>50-00-0</td>
<td>Alddehyde</td>
</tr>
</tbody>
</table>

As before, the application guidance of the manufacturer is of great importance. The specific protection requirement must be determined as part of a risk assessment of the actual works process taking account of the specific application conditions. A designated safety professional must define the individual requirements and secure conformation of the specific protection levels of the safety gloves from the manufacturer’s data sheets.

**Labelling on the glove**

1. Name of the manufacturer
2. Glove Product Name
3. Performance classes, mechanical
4. CE conformity mark
5. No. of Test Institute
6. Letters symbolise test chemicals against which the glove has a protection index of at least class 2.
7. Pictogram with designation of standard
8. Note enclosed instructions for use
9. Glove size
10. Expiration date
11. Manufacturer address

With the uvex Chemical Expert System, uvex provides a multilingual, online platform to search for individual permeation times. In addition, experienced staff are available on-site and in the centre of expertise for safety gloves in Lüneburg to provide advice on all questions relating to safety gloves for protection against chemical risks.

**Permeation**

<table>
<thead>
<tr>
<th>Time measured to penetration</th>
<th>Protection index</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 10 min</td>
<td>Class 1</td>
</tr>
<tr>
<td>&gt; 30 min</td>
<td>Class 2</td>
</tr>
<tr>
<td>&gt; 60 min</td>
<td>Class 3</td>
</tr>
<tr>
<td>&gt; 120 min</td>
<td>Class 4</td>
</tr>
<tr>
<td>&gt; 240 min</td>
<td>Class 5</td>
</tr>
<tr>
<td>&gt; 480 min</td>
<td>Class 6</td>
</tr>
</tbody>
</table>

Permeation refers to molecular penetration through the safety glove material. The time required by the chemicals to permeate, determines the performance class in accordance with EN ISO 374-1. The actual period of protection at the workplace may vary depending on real-time process factors.

Your uvex account manager will be happy to provide advice.
EN 16350:2014
Protective gloves – electrostatic properties

The new standard

Choosing the right personal protective equipment (PPE) is particularly important in working environments that are hazardous or harbour health risks. For workplaces at risk of fire and explosive atmospheres, “EN 16350:2014 – Protective gloves – electrostatic properties” is the first European standard to prescribe the test conditions and minimum requirements for electrostatic properties of safety gloves.

- Vertical resistance must be less than $1.0 \times 10^8 \, \Omega$ ($R_v < 1.0 \times 10^8 \, \Omega$).
- Test atmosphere: ambient temperature of $23 \pm 1 \, ^\circ\text{C}$, relative humidity of $25 \pm 5\%$.

Important notice:
Electrostatic discharge safety gloves are only effective if the wearer is grounded with resistance of less than $10^8 \, \Omega$.

What should users take into account?

EN 16350:2014 is the first standard to define a limit value for vertical resistance for protective gloves; this value was not included in DIN EN 1149. Users must therefore check the suitability of the protective gloves in line with EN 16350:2014. References to EN 1149 are no longer sufficient, as this standard only describes the testing procedure and does not specify a limit value.

Where can safety gloves certified in accordance with EN 16350:2014 be used?

Safety gloves which have been tested in accordance with EN 16350:2014 can be used in fire and explosive hazard zones, such as refineries. They are an essential part of an uninterrupted grounding chain, which consists of gloves, protective clothing, footwear, the ground and other control measures specified within the workplace. In connection with electrostatic properties, electrostatic discharge (ESD) in the area of product protection is also assessed. Safety gloves tested according to EN 16350:2014 are suited for all ESD product protection applications.
Safety gloves for working with food must be designed in such a way that absolutely no components can be transferred to food which may pose a hazard to human health (migration) under normal and predictable conditions.

The following overview shows which uvex products are suited for working with food and lists potential areas of application.

Further information including testing specifications is available on request.

<table>
<thead>
<tr>
<th>Area of application</th>
<th>Aqueous pH &gt; 4.5</th>
<th>Acidic pH &lt; 4.5</th>
<th>Alcoholic</th>
<th>Fatty</th>
<th>Dry, non fatty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Examples</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Examples</td>
<td>Non-alcoholic beverages Fruit Eggs Vegetables Crustaceans</td>
<td>Vinegar Yeast Milk Yoghurt</td>
<td>Wine Spirits Liqueurs</td>
<td>R1 = olive oil R2 = butter, margarine R3 = fish, cheese, baked goods R4 = meat, poultry R5 = sandwiches fried food</td>
<td>YES (R1 – R5)</td>
</tr>
<tr>
<td>uvex profi ergo</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>(R1 – R5)</td>
</tr>
<tr>
<td>uvex contact ergo</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>(R1 – R5)</td>
</tr>
<tr>
<td>uvex phynomic C3</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>(R1 – R5)</td>
</tr>
<tr>
<td>uvex phynomic C5</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>(R1 – R5)</td>
</tr>
<tr>
<td>uvex rubiflex (orange)</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>(R1 – R5)</td>
</tr>
<tr>
<td>uvex rubiflex S (blue/green)</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>(R1 – R5)</td>
</tr>
<tr>
<td>uvex profastrong NF 33</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>(R2 – R5)</td>
</tr>
<tr>
<td>uvex u-fit</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>(R3 – R5)</td>
</tr>
<tr>
<td>uvex phynomic foam</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>(R5)</td>
</tr>
<tr>
<td>uvex phynomic lite/uvex phynomic lite w</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>(R1 – R5)</td>
</tr>
<tr>
<td>uvex unilite thermo</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
<td></td>
</tr>
<tr>
<td>uvex u-fit strong N2000</td>
<td>YES</td>
<td>NO</td>
<td>YES</td>
<td>YES</td>
<td>(R3 – R5)</td>
</tr>
<tr>
<td>uvex u-fit lite</td>
<td>YES</td>
<td>NO</td>
<td>YES</td>
<td>YES</td>
<td>(R3 – R5)</td>
</tr>
<tr>
<td>uvex u-chem 3300</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>(R2 – R5)</td>
</tr>
</tbody>
</table>
Safety Gloves
Mechanical Risks

**Precision work** 190 – 199
- uvex pharmomic range
- uvex rubipor XS
- uvex unigrip range
- uvex synexo Z200
- uvex synexo M100
- uvex unipur range
- uvex unilite range

**Heavy duty** 202
- uvex rubiflex
- uvex compact
- uvex unilite thermo range

**Heat protection** 203
- uvex nk
- uvex k-basic extra
- uvex profatherm

**Cut protection** 206 – 217
- uvex pharmomic range
- uvex synexo impact 1
- uvex synexo M500
- uvex D500 foam
- uvex synexo M500

**All-round** 200 – 201
- uvex contact ergo
- uvex profi ergo
- uvex profi XG
- uvex C500 range
- uvex C300 range
- uvex unidur range
- uvex protector range
Safety Gloves
Chemical Risks

Safety gloves with cotton support 222 – 226

Coating: Nitrile

uvex rubiflex ESD
uvex rubiflex S XG
uvex rubiflex S
uvex rubiflex S
uvex rubiflex SZ

uvex u-chem 3000
uvex u-chem 3100
uvex u-chem 3300

Safety gloves without cotton support 227 – 228

Nitrile –
uvex profastrong

Chloroprene –
uvex profapren

Butyl –
uvex profabutyl

Butyl/Viton® –
uvex profaviton

Disposable safety gloves 230 – 231

uvex u-fit strong N2000
uvex u-fit
uvex u-fit lite
The uvex Glove Navigator
The fast way to find the right safety gloves

There are many factors which must be taken into consideration when selecting the appropriate safety gloves. To help you make the right choice, uvex has developed clear guidelines that include helpful symbols for selecting safety gloves for specific areas of application.

1. Identify and classify risk potential

What is the main risk for users in the workplace?
The symbols provide initial guidance to help you choose the right category for the appropriate safety gloves.

- Mechanical protection
- Working with chemicals
- Cut protection
- Special risks (e.g., heat protection)

2. Determine individual requirements of the safety gloves

What activities will primarily be carried out at the workplace in question?
Will the nature of the work require precision, entail interchangeable all-round activities or place high demands on the wearer and the safety gloves?

- Precision
- All-round
- Heavy duty

3. Define the application environment

Identify the general conditions of the workplace.
Will activities be carried out in wet/oily, damp or dry working conditions? All of our safety gloves come with one of these 3 environment classification guidelines. The degree of suitability is determined by the aggregate of workplace conditions.

- Dry
- Light moisture/oily
- Wet/oily

Safety gloves meet the high criteria of the uvex pure standard. Gloves do not contain substances that are hazardous to health, free from solvents and accelerators, and offer optimum product protection.

Safety gloves are developed and manufactured in Germany.

Gloves demonstrate good skin tolerability during dermatological tests. The glove was clinically tested by the proDERM® Institute for Applied Dermatological Research (Hamburg, Germany) / (proDERM study: 11.0356-02, 11.0482-11, 13.0202-02, 15.0188-02, 15.0219-11).

Safety gloves approved for applications with industrial touchscreen monitors.

Detailed information on the award criteria applied by the certification bodies OEKO-TEX®, proDERM and Top100 can be found at: uvex-safety.com/certificates
### Mechanical Risks

**Area of application: precision/all-round**

<table>
<thead>
<tr>
<th></th>
<th>Precision</th>
<th>All-round</th>
<th>Heavy duty</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Activities</strong></td>
<td>Activities where a high level of sensitivity is necessary.</td>
<td>General, multiple activities for which robust, stable safety gloves are required.</td>
<td>Tough activities requiring highly robust, abrasion resistant safety gloves.</td>
</tr>
<tr>
<td><strong>Examples</strong></td>
<td>Examples: fine assembly work, working with small parts (e.g. screws), operating controls, end inspection.</td>
<td>Examples: servicing, transport work, light metal processing, standard assembly work, maintenance.</td>
<td>Examples: heavy transport work (e.g. palette transport), construction, servicing.</td>
</tr>
<tr>
<td><strong>Dry</strong></td>
<td>uvex phynomic lite/lite w, uvex unipur range, uvex rubipor range</td>
<td>uvex phynomic foam</td>
<td>uvex synexo M100</td>
</tr>
<tr>
<td><strong>Light moisture/oily</strong></td>
<td>uvex phynomic allround, uvex phynomic wet, uvex phynomic XG</td>
<td>uvex phynomic wet plus</td>
<td>uvex phynomic pro</td>
</tr>
<tr>
<td><strong>Wet/oily</strong></td>
<td>uvex contact ergo, uvex proli ergo</td>
<td>uvex profi XG, uvex compact</td>
<td>uvex unilite thermo HD</td>
</tr>
</tbody>
</table>

**Working areas which do not have any moisture (water, oil, fat, cooling lubricant, etc.).** Safety gloves for these conditions are extremely breathable.

**Examples:** quality control, assembly work, distribution, end processing.

**Working areas with some moisture.** Safety gloves for these conditions are less breathable. The water/oil-repelling coating is crucial and also guarantees slip-resistance.

**Examples:** oil-coated parts, changing between dry and damp working environments.

**Working areas in which hands should be protected from liquids (not chemicals).** Sealed safety gloves with high slip-resistance are necessary.

**Examples:** removing oily/wet parts from machines, outdoor activities (weather-related humidity).
uvex phynomic
Perfection in 3 dimensions

1. Perfect fit

3D ergo technology – precision all the way to the fingertips
Ergonomic solution for every wearer:
up to 8 perfectly coordinated sizes
The advantages for the wearer:
• the glove fits like a second skin
• natural touch
• maximum flexibility for fatigue-free work

2. Optimum functionality

Coatings perfectly adapted to the application at hand
• for dry areas: aqua-polymer waterproofing
• for dry and slightly damp areas: aqua-polymer foam coating
• for humid and oily areas: aqua-polymer xtra grip foam coating
• for wet and oily areas: aqua-polymer pro coating

3. Skin safe – product safe

Enhanced skin care and product protection
Health protection
• no skin irritation
• dermatologically approved*
• certified in accordance with OEKO-TEX® Standard 100
• free from harmful solvents (DMF, TEA)
• free from allergenic substances
Product protection
• silicone-free according to imprint test
• suitable for sensitive surfaces
• does not leave any traces/marks
• certified for food processes**

* The uvex phynomic series was clinically tested by the proDERM® Institute for Applied Dermatological Research (Hamburg, Germany). The extremely good skin tolerability of uvex phynomic safety gloves has been dermatologically tested (proDERM® studies: 11.0356-02, 11.0482-11, 13.0202-02, 15.0188-02, 15.0219-19).
Detailed information on the award criteria applied by the certification bodies OEKO-TEX®, proDERM and Top100 can be found at: uvex-safety.com/certificates
** Models uvex phynomic lite/lite w, uvex phynomic foam, uvex phynomic C3 and phynomic C5
Mechanical Risks
Area of application: precision/all-round

uvex phynomic lite · uvex phynomic lite w

- the most lightweight safety glove in its class reduces the onset of fatigue
- good mechanical abrasion resistance thanks to the very thin but highly durable aqua-polymer impregnation
- good grip in dry and slightly damp areas
- very high level of breathability with the porous coating, which reduces sweating
- outstanding tactile feel when handling small parts

Areas of application:
- precision assembly work
- precision work
- inspection
- sorting
- food processing

<table>
<thead>
<tr>
<th></th>
<th>uvex phynomic lite</th>
<th>uvex phynomic lite w</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. no.</td>
<td>60040</td>
<td>60041</td>
</tr>
<tr>
<td>Design</td>
<td>knitted cuff</td>
<td>knitted cuff</td>
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<tr>
<td>Standard</td>
<td>EN 388 (2 1 2 1 X)</td>
<td>EN 388 (2 1 2 1 X)</td>
</tr>
<tr>
<td>Material</td>
<td>polyamide, elastane</td>
<td>polyamide, elastane</td>
</tr>
<tr>
<td>Coating</td>
<td>palm and fingertips with aqua-polymer impregnation</td>
<td>palm and fingertips with aqua-polymer impregnation</td>
</tr>
<tr>
<td>Suitable for</td>
<td>dry and slightly damp areas of application</td>
<td>dry and slightly damp areas of application</td>
</tr>
<tr>
<td>Colour</td>
<td>grey, grey</td>
<td>white, white</td>
</tr>
<tr>
<td>Sizes</td>
<td>5 to 12</td>
<td>5 to 12</td>
</tr>
</tbody>
</table>
**Mechanical Risks**

*Area of application: precision/all-round*

---

**uvex phynomic foam**

- High dexterity safety glove for precision mechanical work
- Very good mechanical abrasion resistance thanks to the damp-resistant aqua-polymer foam coating
- Good grip in dry and slightly damp areas
- Outstanding tactile feel when assembling parts

Areas of application:
- Precision assembly work
- Inspection
- Sorting
- Food processing
- Packaging

---

**uvex phynomic allround**

- Light and dirt-resistant all-round safety glove for mechanical activities
- Very good mechanical abrasion resistance thanks to the damp-resistant aqua-polymer foam coating
- Good grip in dry and slightly damp areas
- Highly breathable coating
- Outstanding tactile feel when assembling parts

Areas of application:
- Maintenance
- Assembly
- Precision work
- Transport/packaging work
- Repair work

---

**uvex phynomic x-foam HV**

- Unique safety glove with break sections
- Reduced tear resistance in the finger area with the integration of a seamless break section, which clearly reduces the risk of severe hand injuries when using hand-held power tools
- Very good mechanical abrasion resistance thanks to the damp-resistant aqua-polymer foam coating
- Good grip in dry and slightly damp areas
- Highly breathable coating
- Outstanding tactile feel when assembling parts

Areas of application:
- Partially suitable for dealing with moving machine parts
- A thorough hazard analysis with the support of our uvex hand protection specialists is vital before use.

---

### Comparison Table

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Art. no.</th>
<th>Design</th>
<th>Standard</th>
<th>Coating</th>
<th>Suitable for</th>
<th>Colour</th>
<th>Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>uvex phynomic foam</td>
<td>60050</td>
<td>knitted cuff</td>
<td>EN 388 (3 1 2 1 X)</td>
<td>palm and fingertips with aqua-polymer foam coating</td>
<td>dry areas and slightly damp areas</td>
<td>white, grey</td>
<td>5 to 12</td>
</tr>
<tr>
<td>uvex phynomic allround</td>
<td>60049</td>
<td>knitted cuff</td>
<td>EN 388 (3 1 3 1 X)</td>
<td>palm and fingertips with aqua-polymer foam coating</td>
<td>dry areas and slightly damp areas</td>
<td>grey, black</td>
<td>5 to 12</td>
</tr>
<tr>
<td>uvex phynomic x-foam HV</td>
<td>60054</td>
<td>knitted cuff</td>
<td>EN 388 (3 1 3 1 X)</td>
<td>palm and fingertips with aqua-polymer foam coating</td>
<td>dry areas and slightly damp areas</td>
<td>orange, grey</td>
<td>6 to 12</td>
</tr>
</tbody>
</table>
Mechanical Risks
Area of application: precision/all-round

uvex phynomic wet · uvex phynomic wet plus
• safety glove with water-repellent aqua-polymer foam coating for use in outdoor areas
• outstanding mechanical abrasion resistance thanks to the durable coating
• very good grip in damp and wet areas
• high level of breathability due to the coating
• very good tactile feel when assembling parts

Areas of application:
• precision work
• assembly
• maintenance
• repair work

uvex phynomic XG
• flexible and extremely durable assembly glove with the best oil grip in its class
• outstanding mechanical abrasion resistance thanks to the aqua-polymer Xtra Grip coating
• outstanding grip in oily areas
• high level of breathability with the porous foam coating
• very good tactile feel when assembling (oily) parts

Areas of application:
• precision work
• assembly
• maintenance
• repair work
• metal processing
• concrete/construction work

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>Design</th>
<th>Standard</th>
<th>Material</th>
<th>Coating</th>
<th>Suitable for</th>
<th>Colour</th>
<th>Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>60060</td>
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<td>EN 388 (3 1 3 1 X)</td>
<td>polyamide, elastane</td>
<td>aqua-polymer foam coating on palm and fingertips</td>
<td>damp and oily working conditions</td>
<td>blue, anthracite</td>
<td>6 to 12</td>
</tr>
<tr>
<td>60061</td>
<td>knitted cuff</td>
<td>EN 388 (3 1 3 1 X)</td>
<td>polyamide, elastane</td>
<td>aqua-polymer foam coating on palm and fingertips</td>
<td>damp and oily working conditions</td>
<td>blue, anthracite</td>
<td>6 to 12</td>
</tr>
<tr>
<td>60070</td>
<td>knitted cuff</td>
<td>EN 388 (4 1 2 1 X)</td>
<td>polyamide, elastane</td>
<td>aqua-polymer xtra grip foam coating on palm and fingertips</td>
<td>damp and oily working conditions</td>
<td>black, black</td>
<td>6 to 12</td>
</tr>
</tbody>
</table>
In addition to protective function, safety gloves for assembly work must meet a variety of other demands placed on them by the wearer. These include dexterity, a comfortable internal temperature, flexibility and a slip-resistant coating, of which all ensure the gloves do not hinder work.

These requirements are met by a number of safety gloves currently available on the market. However, the workplace often involves a combination of activities, when wearers still need to have an excellent sense of touch even if there is a significant amount of dirt or moisture. If open cell coatings continue to be used in these environments, the hands become dirty, wet or oily as well as reduced product life and regular replacement rates.

This is where uvex’s new product concept comes into its own.

The coating: the innovative new aqua-polymer-pro coating features dirt and moisture-repellent properties. The gloves are coated up to and including the knuckles. It remains completely flexible and offers exceptional dry and wet grip (in both wet and oily applications).

The liner: uvex has already set new standards in cut protection with the patented Bamboo-TwinFlex® technology. The uvex phynomic pro represents a further ground-breaking development in the Cut 1 segment.

The new liner combines bamboo with polyamide/elastane. The dirt and moisture-repellent coating requires that it is particularly important that the fibre combination is absorbent and wicks moisture away from the skin. The silky feel of this natural fibre also feels pleasant on the skin.

Purity “Made in Germany”: This product in the uvex phynomic range has also been tested by the proDERM® Institute to confirm the skin compatibility and dermatological tolerance through a comprehensive process of repeated patch tests and in-use studies.
uvex synexo
The perfect synergy between comfort and protection

uvex synexo combines the benefits of seamless safety gloves with specially designed protection zones. Whether used for fine precision work or where a secure grip is required, uvex synexo provides targeted protection right where it matters most, setting new standards for functionality and wearer safety.

uvex synexo Z200
The thumb and index finger are most exposed to the risk of cut injuries. The uvex synexo Z200, features reinforcement in these areas to reduce risk and wear.

The white HPPE protection zone, which extends under the aqua-polymer XtraGrip coating, effectively increases tear resistance and cut protection without impairing wearer movement and comfort.

For every application perfect protection
Whether it’s reinforcement of the thumb crotch, damping elements on the palm or impact protection on the back of the hand and fingers, each glove in the uvex synexo range features specific design characteristics which provide optimum protection a wide range of applications.
uvex synexo Z200

- Flexible and extremely durable assembly glove with the best oil grip in its class
- Outstanding mechanical abrasion resistance thanks to the aqua-polymer XtraGrip coating
- Outstanding grip in oily areas
- High level of breathability thanks to the porous foam coating
- Very good tactile feel when assembling (oily) parts
- Partially reinforced protection zone around thumb and index finger for increased tear resistance and enhanced cut protection (level B)

Areas of application:
- Precision work
- Assembly
- Repair work
- Maintenance
- Manual processing work

uvex synexo M100

- Seamless mechanic’s glove with reinforced thumb joints for heavy-duty activities
- Good grip in dry and damp areas
- Good protection against shocks and impacts thanks to the extra padding in the palm area
- Good fit
- Highly flexible
- Good wearer comfort
- Flexible velcro fastening

Areas of application:
- Heavy-duty mechanical work
- Construction work
- Mining
- Repair work

---

**uvex synexo Z200**

- **Art. no.**: 60020
- **Design**: knitted cuff
- **Standard**: EN 388 (4 X 3 1 B)
- **Material**: polyamide, elastane, HPPE
- **Coating**: aqua-polymer XtraGrip foam coating on palm and fingertips
- **Suitable for**: damp and oily working conditions
- **Colour**: black, white, black
- **Sizes**: 6 to 12

**uvex synexo M100**

- **Art. no.**: 60021
- **Design**: velcro fastening, padding in palm area, knitted cuff
- **Standard**: EN 388 (4 1 3 1 X)
- **Material**: polyamide
- **Coating**: palm and fingertips with NBR coating (nitrile rubber) and Grip finish
- **Suitable for**: dry areas and damp, oily working conditions
- **Colour**: red, black
- **Sizes**: 7 to 11
**Mechanical Risks**

*Area of application: precision/all-round*

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**uvex rubipor XS**

- lightweight, elastic safety glove with stretch cotton material
- good grip in dry areas
- very high level of breathability with the thin layer of NBR impregnation
- very good tactile feel through the flexible stretch cotton material with elastane
- ergonomic fit

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**Areas of application:**
- precision assembly work
- inspection
- sorting
- product protection

---

**uvex rubipor XS**

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>Design</th>
<th>Standard</th>
<th>Material</th>
<th>Coating</th>
<th>Suitable for</th>
<th>Colour</th>
<th>Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>60276</td>
<td>knitted cuff</td>
<td>EN 388 (1 1 1 0 X)</td>
<td>cotton interlock, elastane</td>
<td>palm and fingertips coated with breathable</td>
<td>dry areas of application</td>
<td>white, white</td>
<td>6 to 10</td>
</tr>
<tr>
<td>60316</td>
<td>knitted cuff</td>
<td>EN 388 (1 1 1 0 X)</td>
<td>cotton interlock, elastane</td>
<td>palm and fingertips coated with breathable</td>
<td>dry areas of application</td>
<td>white, blue</td>
<td>6 to 10</td>
</tr>
</tbody>
</table>
Mechanical Risks
Area of application: precision/all-round

**uvex unipur carbon**
- Sensitive and anti-static safety glove for precision work with electronic parts
- Very good grip
- Fulfills requirement of DIN EN 16350:2014
- Outstanding tactile feel

Areas of application:
- Working with touchscreens
- Electrical industry
- Work in anti-static areas
- Assembly of electronic components

Also available without micro-dots on the palm (art. no. 60587).

**uvex unigrip**
- Knitted safety gloves with 13-gauge (uvex unigrip PA and uvex unigrip 6620) for precise mechanical work and 10 gauge (uvex unigrip 6624) for rougher mechanical activities
- Good grip with the thin PVC dots in dry areas

Areas of application:
- Assembly
- Sorting
- Packaging

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<table>
<thead>
<tr>
<th>Art. no.</th>
<th>uvex unipur carbon</th>
<th>uvex unipur carbon FT</th>
</tr>
</thead>
<tbody>
<tr>
<td>60556</td>
<td>knitted cuff</td>
<td>knitted cuff</td>
</tr>
<tr>
<td>Standard</td>
<td>EN 388 (0 1 3 1)</td>
<td>EN 388 (0 1 3 1)</td>
</tr>
<tr>
<td>Material</td>
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<td>polyamide, carbon</td>
</tr>
<tr>
<td>Coating</td>
<td>palm with carbon micro-dots, fingertips with thin elastomer coating</td>
<td>palm and fingers coated with PVC dots</td>
</tr>
<tr>
<td>Suitable for</td>
<td>dry areas of application</td>
<td>dry areas of application</td>
</tr>
<tr>
<td>Colour</td>
<td>grey, black, white</td>
<td>grey, white</td>
</tr>
<tr>
<td>Sizes</td>
<td>6 to 10</td>
<td>6 to 10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>uvex unigrip PA</th>
<th>uvex unigrip 6624</th>
<th>uvex unigrip 6620</th>
</tr>
</thead>
<tbody>
<tr>
<td>60513</td>
<td>knitted cuff, 13-gauge</td>
<td>knitted cuff, 10-gauge</td>
<td>knitted cuff, 13-gauge</td>
</tr>
<tr>
<td>Standard</td>
<td>EN 388 (4 2 4 1)</td>
<td>EN 388 (3 2 4 X)</td>
<td>EN 388 (2 1 4 X)</td>
</tr>
<tr>
<td>Material</td>
<td>polyamide</td>
<td>polyamide, cotton</td>
<td>polyamide, cotton</td>
</tr>
<tr>
<td>Coating</td>
<td>palm and fingers coated with PVC dots</td>
<td>palm and fingers coated with PVC dots</td>
<td>palm and fingers coated with PVC dots</td>
</tr>
<tr>
<td>Suitable for</td>
<td>dry areas of application</td>
<td>dry areas of application</td>
<td>dry areas of application</td>
</tr>
<tr>
<td>Colour</td>
<td>white, blue</td>
<td>grey, red</td>
<td>white, blue</td>
</tr>
<tr>
<td>Sizes</td>
<td>7 to 10</td>
<td>7 to 10</td>
<td>7 to 10</td>
</tr>
</tbody>
</table>
**Mechanical Risks**

*Area of application: precision/all-round*

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**uvex unipur 6630 · uvex unipur 6631**

- light and very sensitive PU safety glove for mechanical precision work
- good mechanical abrasion resistance
- good grip in dry and slightly damp areas
- outstanding tactile feel
- very good fit
- highly flexible

Areas of application:
- precision assembly work
- precision work
- inspection
- sorting

<table>
<thead>
<tr>
<th>uvex unipur 6630</th>
<th>uvex unipur 6631</th>
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<tbody>
<tr>
<td><strong>Art. no.</strong></td>
<td>60943</td>
</tr>
<tr>
<td><strong>Design</strong></td>
<td>knitted cuff</td>
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<tr>
<td><strong>Standard</strong></td>
<td>EN 388 (4 1 4 1)</td>
</tr>
<tr>
<td><strong>Material</strong></td>
<td>polyamide</td>
</tr>
<tr>
<td><strong>Coating</strong></td>
<td>palm and fingertips coated with polyurethane coating</td>
</tr>
<tr>
<td><strong>Suitable for</strong></td>
<td>dry and slightly damp areas</td>
</tr>
<tr>
<td><strong>Colour</strong></td>
<td>white, white</td>
</tr>
<tr>
<td><strong>Sizes</strong></td>
<td>6 to 11</td>
</tr>
</tbody>
</table>

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**uvex unipur 6639**

- lightweight, high dexterity and dirt-resistant PU safety glove for mechanical precision work
- good mechanical abrasion resistance
- good grip in dry and slightly damp areas
- outstanding tactile feel
- very good fit
- highly flexible

Areas of application:
- precision assembly work
- precision work
- inspection
- sorting

<table>
<thead>
<tr>
<th>uvex unipur 6639</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Art. no.</strong></td>
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<tr>
<td><strong>Design</strong></td>
</tr>
<tr>
<td><strong>Standard</strong></td>
</tr>
<tr>
<td><strong>Material</strong></td>
</tr>
<tr>
<td><strong>Coating</strong></td>
</tr>
<tr>
<td><strong>Suitable for</strong></td>
</tr>
<tr>
<td><strong>Colour</strong></td>
</tr>
<tr>
<td><strong>Sizes</strong></td>
</tr>
</tbody>
</table>
uvex unilite 7700
- flexible and durable safety glove for mechanical precision work
- good mechanical abrasion resistance with the polyamide-elastane liner and NBR polyurethane coating
- good grip in dry and slightly damp to slightly oily areas
- good tactile feel
- very good fit
- highly flexible

Areas of application:
- precision assembly work
- precision work
- inspection
- sorting

Art. no. 60585
Design knitted cuff
Standard EN 388 (4 1 3 1)
Material polyamide, elastane
Coating palm and fingertips coated with NBR/polyurethane coating
Suitable for dry and damp, oily working conditions
Colour grey, black
Sizes 7 to 11

uvex unilite 6605
- lightweight knitted glove with NBR foam coating for mechanical precision work
- good mechanical abrasion resistance with the polyamide liner and coating
- good grip in dry and slightly damp areas
- breathable
- good tactile feel
- good fit
- highly flexible

Areas of application:
- precision assembly work
- fine assembly work
- inspection
- sorting

Art. no. 60573
Design knitted cuff
Standard EN 388 (4 1 2 2)
Material polyamide
Coating palm and fingertips coated with nitrile foam coating
Suitable for dry and slightly damp areas
Colour black, black
Sizes 6 to 11

uvex unipur 6634
- moisture-proof NBR safety glove for mechanical applications outdoors
- very good abrasion resistance with the polyamide liner and NBR coating
- good grip in damp areas
- good tactile feel
- good fit
- highly flexible

Areas of application:
- precision assembly work
- precision work
- general repair work
- maintenance

Art. no. 60321
Design knitted cuff
Standard EN 388 (4 1 3 3)
Material polyamide
Coating palm and fingertips coated with NBR coating
Suitable for damp, oily or greasy areas of application
Colour grey, black
Sizes 7 to 10
Mechanical Risks
Area of application: all-round/heavy duty

<table>
<thead>
<tr>
<th>Precision</th>
<th>All-round</th>
<th>Heavy duty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry</td>
<td>uvex phynomic lite/lite w</td>
<td>uvex uniqour range</td>
</tr>
<tr>
<td>Light moisture/oily</td>
<td>uvex phynomic wet</td>
<td>uvex phynomic allround</td>
</tr>
<tr>
<td>Wet/oily</td>
<td>uvex phynomic wet plus</td>
<td>uvex phynomic XG</td>
</tr>
<tr>
<td></td>
<td>uvex contact ergo</td>
<td>uvex profi ergo</td>
</tr>
<tr>
<td></td>
<td>uvex profi XG</td>
<td>uvex compact</td>
</tr>
</tbody>
</table>

**uvex contact ergo**
- thick, hard-wearing cotton interlock safety glove with NBR coating
- very good grip in damp, wet and oily areas
- good tactile feel
- ergonomic fit
- highly flexible
- good wearer comfort with high water vapour absorption of the cotton lining

Areas of application:
- assembly
- inspection
- repair work
- shipping/Logistics
- packaging

**uvex contact ergo EN210C**
- Art. no.: 60150
- Design: knitted cuff
- Standard: EN 388 (2 1 2 1)
- Material: cotton interlock
- Coating: palm and fingers with special NBR coating (nitrile rubber)
- Suitable for: oily and greasy areas of application
- Colour: white, orange
- Sizes: 6 to 10

Made in Germany
Mechanical Risks
Area of application: all-round/heavy duty

**uvex profi ergo**
- cotton interlock safety glove with NBR coating for universal use
- very good grip in damp, wet and oily areas
- good tactile feel
- ergonomic fit
- high flexibility
- very good wearer comfort due to the high water vapour absorption of the cotton lining

**Areas of application:**
- assembly
- inspection
- maintenance
- light to medium metal processing

**uvex profi ergo XG**
- safety glove with uvex Xtra Grip Technology
- very good mechanical abrasion resistance thanks to the multi-layer design for increased service life
- outstanding grip in damp, wet and oily areas
- good tactile feel
- ergonomic fit
- highly flexible
- very good wearer comfort with high water vapour absorption of the cotton lining

**Areas of application:**
- assembly
- inspection
- maintenance
- light to medium metal processing
- concrete/construction work
- outdoor activities

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Mechanical Risks
Area of application: Heavy duty/thermal risks

**uvex rubiflex**
- fully coated cotton interlock safety glove for mechanical activities
- very good mechanical abrasion resistance with NBR coating
- good tactile feel
- ergonomic fit

Areas of application:
- inspection
- maintenance
- repair work
- light to medium metal processing
- varnishing

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>Design</th>
<th>Standard</th>
<th>Material</th>
<th>Coating</th>
<th>Suitable for</th>
<th>Colour</th>
<th>Sizes</th>
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</thead>
<tbody>
<tr>
<td>89636</td>
<td>gauntlet, approx. 27 cm</td>
<td>EN 388 (3 1 1 1 X)</td>
<td>cotton interlock</td>
<td>fully coated with special NBR coating (nitrile rubber)</td>
<td>damp, oily or greasy areas of application</td>
<td>orange</td>
<td>7 to 11</td>
</tr>
</tbody>
</table>

**uvex compact**
- very durable NBR safety glove for rough work and manual tasks involving raw materials
- very good mechanical abrasion resistance with NBR coating

Areas of application:
- concrete/construction work
- iron and steel industry
- wood-working
- shipping/logistics

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>Design</th>
<th>Standard</th>
<th>Material</th>
<th>Coating</th>
<th>Suitable for</th>
<th>Colour</th>
<th>Sizes</th>
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</thead>
<tbody>
<tr>
<td>60946</td>
<td>canvas gauntlet</td>
<td>EN 388 (4 1 2 1 X)</td>
<td>jersey cotton</td>
<td>palm and ¾ of the back of the hand with NBR coating (nitrile rubber)</td>
<td>damp, oily or greasy areas of application</td>
<td>white, blue</td>
<td>9 to 10</td>
</tr>
</tbody>
</table>

**uvex unilite thermo**
- winter glove with dual-layer design
- good mechanical abrasion resistance with a polymer coating that is flexible at low temperatures
- very good thermal insulation in direct contact with cold objects
- good fit

Areas of application:
- work in cold environments
- concrete/construction work
- refrigerated warehouse/stores
- forklift driver

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>Design</th>
<th>Standard</th>
<th>Material</th>
<th>Coating</th>
<th>Suitable for</th>
<th>Colour</th>
<th>Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>60593</td>
<td>knitted cuff</td>
<td>EN 388 (3 1 3 1 X), EN 511 (0 10)</td>
<td>acrylic and new wool mix (lining), acrylic and new wool mix (lining), polyamide and elastane (outer), elastane (outer)</td>
<td>palm and fingertips with cold-flexible polymer coating, dry and slightly damp, oily or working conditions</td>
<td>black, black</td>
<td>7 to 11</td>
<td></td>
</tr>
</tbody>
</table>

---

For detailed specifications and additional information, please refer to the respective product pages.
Mechanical Risks
Area of application: Heat risks

uvex nk
- safety glove for thermal applications
- good mechanical abrasion resistance
- very good grip in dry, damp and oily areas through the rough surface
- very good thermal insulation in direct contact with warm to hot objects
- suitable for contact heat up to +100 °C (as per EN 407)

Areas of application:
- handling heavy-duty tools
- sheet metal processing
- machinery and tool manufacturing
- handling cold or hot objects

<table>
<thead>
<tr>
<th>uvex NK422</th>
<th>uvex NK4022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. no.</td>
<td>60213</td>
</tr>
<tr>
<td>Design</td>
<td>gauntlet, approx. 27 cm</td>
</tr>
<tr>
<td>Standard</td>
<td>EN 388 (3 2 4 3), EN 407 (X 1 X X X)</td>
</tr>
<tr>
<td>Material</td>
<td>cotton interlock, aramid knit</td>
</tr>
<tr>
<td>Coating</td>
<td>Fully coated with special NBR coating (nitrile rubber)</td>
</tr>
<tr>
<td>Suitable for</td>
<td>damp, oily or greasy areas of application</td>
</tr>
<tr>
<td>Colour</td>
<td>orange</td>
</tr>
<tr>
<td>Sizes</td>
<td>9 to 10</td>
</tr>
</tbody>
</table>

Cotton cladding

Sandwich lining

uvex k-basic extra
- Kevlar® coarse-knitted glove for mechanical and thermal activities
- very good thermal insulation in direct contact with warm to hot objects
- suitable for contact heat up to +250 °C
- good cut protection
- good wearer comfort with cotton lining on the inside
- breathable

Areas of application:
- light to medium metal processing
- glass handling
- automotive industry

<table>
<thead>
<tr>
<th>uvex k-basic extra 6058</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. no.</td>
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<tr>
<td>Design</td>
</tr>
<tr>
<td>Standard</td>
</tr>
<tr>
<td>Material</td>
</tr>
<tr>
<td>Coating</td>
</tr>
<tr>
<td>Suitable for</td>
</tr>
<tr>
<td>Colour</td>
</tr>
<tr>
<td>Sizes</td>
</tr>
</tbody>
</table>

Cotton cladding

uvex profatherm
- cotton terry safety glove for thermal applications
- very good thermal insulation in direct contact with warm to hot objects
- suitable for contact heat up to +250 °C
- good wearer comfort with the cotton terry material on the inside

Areas of application:
- light to medium metal processing
- iron/steel industry
- plastics processing industry

<table>
<thead>
<tr>
<th>uvex profatherm X840</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. no.</td>
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<tr>
<td>Design</td>
</tr>
<tr>
<td>Standard</td>
</tr>
<tr>
<td>Material</td>
</tr>
<tr>
<td>Coating</td>
</tr>
<tr>
<td>Suitable for</td>
</tr>
<tr>
<td>Colour</td>
</tr>
<tr>
<td>Sizes</td>
</tr>
</tbody>
</table>
Effective hand protection means striking the perfect balance between reliable protection and a comfortable fit – as only safety gloves which are worn can fulfill their purpose. uvex is continuously developing innovative fibre and coating technologies such as the patented Bamboo TwinFlex® technology.

In everyday use, the relationship between cut and tear resistance properties is critical. The required level of cut protection is achieved through a high concentration of glass fibres, the tear resistance could be compromised.

The techniques used to combine materials such as glass or steel fibres, are key to determining wearer comfort and acceptance. Skin should only come into contact with fibres that are nonirritating and features such as fit and dexterity change yet again when coatings are applied. Equally coatings need to be highly durable to ensure cost effectiveness.

The new classification of cut protection gloves in accordance with EN 388:2016/ISO 13997

The modifications made to the new DIN EN 388:2016/ISO 13997 standard are of particular relevance to cut protection gloves made from materials that cause the blades used to become blunt (e.g. glass and steel fibres).

As a leading manufacturer of cut-protection products, we have invested in state-of-the-art measurement technology for both standards in our test laboratory, and are well placed to address questions on most matters at anytime.

<table>
<thead>
<tr>
<th>Differences</th>
<th>EN 388:2003</th>
<th>EN 388:2016/ISO 13997</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blade type</td>
<td>round</td>
<td>straight</td>
</tr>
<tr>
<td>Cutting method</td>
<td>rotating with repeated contact</td>
<td>straight with single contact</td>
</tr>
<tr>
<td>Application of force</td>
<td>constant at 5 N</td>
<td>variable between 2 and 30 N</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Classification of cut performance levels</th>
</tr>
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<tbody>
<tr>
<td>EN 388:2003</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>Index</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>EN 388:2016/ISO 13997</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
</tr>
<tr>
<td>Newton value</td>
</tr>
</tbody>
</table>

Labelling of safety gloves

The performance levels are identified in the EN 388:2016/ISO 13997 standard pictogram:
Mechanical Risks
Cut protection at a glance

<table>
<thead>
<tr>
<th>ISO Level 13997</th>
<th>Precision</th>
<th>All-round</th>
<th>Heavy duty</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>uvex C500</td>
<td>uvex D500 foam</td>
<td>uvex unidur 6679 foam</td>
</tr>
<tr>
<td>C</td>
<td>uvex unidur 6641</td>
<td>uvex C500 foam</td>
<td>uvex C500 M foam</td>
</tr>
<tr>
<td>B</td>
<td>uvex phynomic C3</td>
<td>uvex unidur 6644</td>
<td>uvex unidur 6649</td>
</tr>
</tbody>
</table>

For safety gloves with cut protection level E and above, uvex recommends products from HexArmor®.

Dry  | Moisture/light oily  | Wet/oily
Mechanical Risks
Area of application: cut protection

uvex phynomic C3
• lightweight and sensitive cut protection safety glove for mechanical activities
• very good mechanical abrasion resistance thanks to the damp-resistant aqua-polymer foam coating
• good grip in dry and slightly damp areas
• good cut protection and high tear resistance
• highly breathable coating
• outstanding tactile feel when assembling parts

Areas of application:
• precision assembly work
• precision work
• inspection
• sorting
• food processing

Art. no. 60080
Design knitted cuff
Standard EN 388 (4 3 4 3)
Material polyamide, elastane, HPPE, glass
Coating aqua-polymer foam coating on palm and fingertips
Suitable for dry areas and slightly damp areas
Colour sky blue, grey
Sizes 6 to 12

uvex phynomic C5
• lightweight and sensitive all-round cut protection safety glove for mechanical activities
• very good mechanical abrasion resistance thanks to the moisture-resistant aqua-polymer foam coating
• very good grip in dry and slightly damp areas
• very good cut protection (level C) and high tear resistance
• highly breathable coating
• outstanding tactile feel when assembling parts
• outstanding protection for the wearer and the product

Areas of application:
• precision assembly work
• precision work
• inspection
• sorting
• food processing

Art. no. 60081
Design knitted cuff
Standard EN 388 (4 X 4 2 C)
Material Dyneema® Diamond Technology, polyamide, elastane
Coating palm and fingertips with aqua-polymer foam coating
Suitable for dry areas and slightly damp areas
Colour blue, grey
Sizes 6 to 12
## Mechanical Risks

Areas of application: cut and impact protection

For heavy-duty applications, uvex offers safety gloves from the HexArmor® brand.

More information: www.hexarmor.eu

### uvex synexo impact 1
- Seamless cut protection glove with impact protectors for heavy-duty activities, especially in the oil and gas industry
- Very high level of cut protection with HPPE and glass fibre combination
- Good grip in dry and damp areas
- Good protection against shocks and impacts thanks to the extra padding in the palm area
- Protectors on the back of the hand and reinforcements on the finger joints offer additional protection from impact and pinch injuries
- Good fit
- High flexibility
- Good wearer comfort

Areas of application:
- Heavy-duty mechanical work
- Mining
- Oil and gas industry
- Heavy-duty construction work

### uvex synexo M500
- Seamless mechanic's glove with outstanding cut protection and reinforced thumb joints for heavy-duty activities
- Very high level of cut protection with HPPE and glass fibre combination
- Good grip in dry and damp areas
- Good protection against shocks and impacts thanks to the extra padding in the palm area
- Good fit
- High flexibility
- Good wearer comfort
- Flexible velcro fastening

Areas of application:
- Heavy-duty mechanical work
- Construction work
- Mining
- Repair work

### Specifications

<table>
<thead>
<tr>
<th>uvex synexo impact 1</th>
<th>Art. no. 60598</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design</td>
<td>Protectors on the back of the hand, velcro fastening, padding in the palm area, knitted cuff</td>
</tr>
<tr>
<td>Material</td>
<td>HPPE, glass, nylon</td>
</tr>
<tr>
<td>Coating</td>
<td>Palm and fingertips with NBR coating (nitrile rubber) and Grip finish</td>
</tr>
<tr>
<td>Suitable for</td>
<td>For dry areas and damp, oily working conditions</td>
</tr>
<tr>
<td>Colour</td>
<td>Yellow, black</td>
</tr>
<tr>
<td>Sizes</td>
<td>7 to 11</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>uvex synexo M500</th>
<th>Art. no. 60022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design</td>
<td>Velcro fastening, padding in palm area, knitted cuff</td>
</tr>
<tr>
<td>Standard</td>
<td>EN 388 (4 X 4 3 C P)</td>
</tr>
<tr>
<td>Material</td>
<td>HPPE, glass, nylon</td>
</tr>
<tr>
<td>Coating</td>
<td>Palm and fingertips with NBR coating (nitrile rubber) and Grip finish</td>
</tr>
<tr>
<td>Suitable for</td>
<td>For dry areas and damp, oily working conditions</td>
</tr>
<tr>
<td>Colour</td>
<td>Yellow, black</td>
</tr>
<tr>
<td>Sizes</td>
<td>7 to 11</td>
</tr>
</tbody>
</table>

For heavy-duty applications, uvex offers safety gloves from the HexArmor® brand.

More information: www.hexarmor.eu
uvex cut protection gloves based on the latest generation of patented uvex Bamboo TwinFlex® technology set new standards in protection, comfort, flexibility, dexterity and economy. The comfort class in robust cut protection helps increase wearer acceptance – particularly when carrying out demanding activities. The unique combination of natural bamboo and high-tech protective fibres ensures a high level of wearer comfort and good climate control while also providing effective protection. After all, a safety glove can only help to prevent accidents if the user actually wears it.

**Cut protection level C and D**

**Bamboo TwinFlex® technology – high-tech for added comfort**

- robust and comfortable
- bamboo – environmentally friendly, renewable raw material
- cooling effect
- regular fit

**Patented Bamboo TwinFlex® protection**
Cut-resistant glass fibres and abrasion-resistant polyamide guarantee optimum mechanical protection. The use of steel fibres in combination with polyamide increases the cut protection to as high as level D.

**Patented Bamboo TwinFlex® comfort**
Soft, comfortable bamboo yarn for a soft feel and perfect climate control combined with resistant HPPE fibres for high tear resistance. The combination of bamboo yarn with innovative DSM Dyneema® diamond fibres provides a further significant boost to tear and cut resistance.

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1 Bamboo TwinFlex® technology is a registered brand of UVEX SAFETY Gloves GmbH & Co. KG, Germany.

2 DSM Dyneema® Diamond is a registered trademark of Royal DSM N.V.
**First-class climate control**

*uvex climazone – measurably enhanced comfort*

- reduced sweating
- high breathability
- significantly greater moisture absorption compared to other yarns

Wearer comfort and an improved microclimate are the ultimate benchmarks in safety gloves. This is why the uvex climazone glove climate control system is being continuously developed together with market-leading partners and renowned testing and research institutes, such as the Hohenstein Institute and the Pirmasens Institute (PFI). Individual measurement facilities, such as the PFI’s Climatester, provide a specific insight into thermo-physiological and skin-sensory wearer comfort.
Measural Risks
Area of application: cut protection

uvex D500 foam
- excellent dexterity
- high abrasion resistance thanks to the innovative Soft-Grip-Coating
- very good grip in slightly damp environments
- very high uvex cut protection with Bamboo Twin Flex® Technology
- high flexibility
- very good tactile feel
- perfect fit with 3D Ergo man mould technology

Areas of application:
- automotive industry
- construction
- brewery, beverage industry
- glass industry
- maintenance, servicing
- metal work industry

uvex C500 M foam
- cut protection safety gloves with outstanding wearer comfort
- outstanding mechanical abrasion resistance thanks to the innovative SoftGrip coating
- very good grip in dry and slightly damp environments
- very high level of cut protection with patented Bamboo TwinFlex® technology
- suitable for contact heat up to +100°C, in line with EN 407
- partially reinforced thumb joints
- high flexibility
- very good tactile feel
- perfect fit with 3D Ergo man mould technology
- silicone-free according to imprint test

Areas of application:
- automotive industry
- construction
- breweries and beverage production
- glass industry
- repair work
- metalworking industry

uvex D500 foam
| Art. no. | 60604 |
| Design  | knitted cuff |
| Standard | EN 388 (4 X 4 2 D) |
| Material | bamboo-rayon, Dyneema® Diamond, steel, polyamide |
| Coating | palm and fingertips with high-performance elastomer (HPE) and SoftGrip foam coating |
| Suitable for | dry areas and slightly damp areas |
| Colour | lime, anthracite |
| Sizes | 7 to 11 |

uvex C500 M foam
| Art. no. | 60498 |
| Design  | crouch zone reinforcement, knitted cuff |
| Standard | EN 388 (4 X 4 2 C), EN 407 (X X X X) |
| Material | bamboo-rayon, HPPE, glass, polyamide |
| Coating | High Performance Elastomer (HPE), SoftGrip foam |
| Suitable for | dry and slightly oily/damp areas |
| Colour | lime, black, anthracite |
| Sizes | 7 to 11 |

Dyneema® is a registered trademark of Royal DSM N.V.
Mechanical Risks
Area of application: cut protection

uvex C500

- cut protection safety gloves and underarm protection (uvex C500 sleeve) with outstanding wearer comfort
- outstanding mechanical abrasion resistance thanks to the innovative Soft Grip coating
- very good grip in dry (all models) and slightly damp (uvex C500 foam and C500 pure) environments
- very high level of cut protection with patented uvex Bamboo TwinFlex® technology
- models suitable for contact heat up to +100°C, in line with EN 407 (uvex C500 foam and C500 wet)
- highly flexible
- very good tactile feel
- perfect fit with 3D Ergo technology
- silicone-free according to imprint test

Areas of application:
- automotive industry
- assembly
- metalworking
- shipping/logistics
- sorting
- paper industry
- building and construction industry
- iron/steel industry

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>60491-07</td>
<td>underarm protection with velcro fastening, knitted cuff</td>
<td>EN 388 (2 X 4 X C)</td>
<td>bamboo rayon, HPPE, glass, polyamide</td>
<td>none</td>
<td>dry areas of application</td>
<td>lime</td>
<td>M</td>
<td>60491-10</td>
<td>underarm protection with velcro fastening, knitted cuff</td>
<td>EN 388 (2 X 4 X C)</td>
<td>bamboo rayon, HPPE, glass, polyamide</td>
<td>none</td>
<td>dry areas of application</td>
<td>lime</td>
<td>L</td>
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<tr>
<td>60491</td>
<td>knitted cuff</td>
<td>EN 388 (4 X 2 X C)</td>
<td>bamboo rayon, HPPE, glass, polyamide</td>
<td>none</td>
<td>dry areas of application</td>
<td>lime</td>
<td>M</td>
<td>60497</td>
<td>knitted cuff</td>
<td>EN 388 (4 X 2 X C)</td>
<td>bamboo rayon, HPPE, glass, polyamide</td>
<td>none</td>
<td>dry areas of application</td>
<td>lime</td>
<td>L</td>
</tr>
<tr>
<td>60496</td>
<td>knitted cuff</td>
<td>EN 388 (4 X 4 X C)</td>
<td>bamboo rayon, HPPE, glass, polyamide</td>
<td>none</td>
<td>damp, oily or greasy areas of application</td>
<td>lime, anthracite</td>
<td>M</td>
<td>60498</td>
<td>knitted cuff</td>
<td>EN 388 (4 X 4 X C)</td>
<td>bamboo rayon, HPPE, glass, polyamide</td>
<td>none</td>
<td>damp, wet, oily or greasy areas of application</td>
<td>lime, anthracite</td>
<td>L</td>
</tr>
<tr>
<td>60600</td>
<td>knitted cuff</td>
<td>EN 388 (6 X 4 X C)</td>
<td>bamboo rayon, HPPE, glass, polyamide</td>
<td>Xtra Grip coating</td>
<td>damp, oily or greasy areas of application</td>
<td>lime, anthracite</td>
<td>M</td>
<td>60601</td>
<td>knitted cuff</td>
<td>EN 388 (6 X 4 X C)</td>
<td>bamboo rayon, HPPE, glass, polyamide</td>
<td>Xtra Grip coating</td>
<td>damp, wet, oily or greasy areas of application</td>
<td>lime, anthracite</td>
<td>L</td>
</tr>
</tbody>
</table>

Notes:
- OEKO-TEX® STANDARD 100
- climazone®
- 3D Ergo technology
- silicone-free according to imprint test
- Xtra Grip coating
- 34 cm (M), 40 cm (L)
Mechanical Risks
Area of application: cut protection

uvex C500

- cut protection safety gloves with outstanding wearer comfort
- outstanding mechanical abrasion resistance thanks to the innovative SoftGrip coating (uvex C500 foam and uvex C500 wet)
- very good grip in dry (all models), slightly damp (uvex C500 foam) and wet (uvex C500 wet) environments
- very high level of cut protection with patented uvex Bamboo TwinFlex® technology
- in line with EN 407, the model is suitable for contact heat up to +100°C (uvex C500 foam and C500 sleeve)
- highly flexible
- very good tactile feel
- perfect fit with 3D Ergo technology
- silicone-free according to imprint test

Areas of application:
- automotive industry
- assembly
- maintenance
- metalworking
- shipping/logistics
- sorting
- glass handling
- sheet metal processing
- maintenance
- paper industry
- building and construction industry
- iron/steel industry

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>Design</th>
<th>Standard</th>
<th>Material</th>
<th>Coating</th>
<th>Suitable for</th>
<th>Colour</th>
<th>Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>60499</td>
<td>knitted cuff</td>
<td>EN 388 (X X X X)</td>
<td>bamboo rayon, HPPE, glass, polyamide</td>
<td>palm and fingers with high performance vinyl (HPV)</td>
<td>dry areas of application</td>
<td>lime, anthracite</td>
<td>7 to 11</td>
</tr>
<tr>
<td>60494</td>
<td>knitted cuff</td>
<td>EN 388 (4 X 4 2 C), EN 407 (X 1 X X X)</td>
<td>bamboo rayon, HPPE, glass, polyamide</td>
<td>palm and fingertips with high performance</td>
<td>dry areas of application</td>
<td>lime, anthracite</td>
<td>7 to 11</td>
</tr>
<tr>
<td>60492</td>
<td>knitted cuff</td>
<td>EN 388 (4 X 4 2 C), EN 407 (X 1 X X X)</td>
<td>bamboo rayon, HPPE, glass, polyamide</td>
<td>elastomer (HP) and SoftGrip foam coating</td>
<td>damp, oily or greasy areas of application</td>
<td>lime, anthracite</td>
<td>7 to 11</td>
</tr>
</tbody>
</table>
Mechanical Risks
Area of application: cut protection

**uvex C300**

- cut protection glove with excellent wearer comfort
- outstanding mechanical abrasion resistance thanks to the innovative SoftGrip coating (uvex C300 foam and uvex C300 wet)
- very good grip in dry (all models), slightly damp (uvex C300 foam) and wet (uvex C300 wet) environments

- good cut protection with patented uvex Bamboo TwinFlex® technology
- highly flexible
- very good tactile feel
- perfect fit with 3D Ergo technology
- silicone-free according to imprint test

- Areas of application:
  - automotive industry
  - assembly
  - maintenance
  - metalworking
  - shipping/logistics
  - sorting
  - glass handling
  - sheet metal processing

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>Design</th>
<th>Standard</th>
<th>Material</th>
<th>Coating</th>
<th>Suitable for</th>
<th>Colour</th>
<th>Sizes</th>
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</thead>
<tbody>
<tr>
<td>60549</td>
<td>knitted cuff</td>
<td>EN 388 (X X 4 X C)</td>
<td>bamboo rayon, HPPE, glass,</td>
<td>palm and fingers with high performance</td>
<td>dry areas of application</td>
<td>anthracite</td>
<td>7 to 11</td>
</tr>
<tr>
<td>60544</td>
<td>knitted cuff</td>
<td>EN 388 (3 X 4 2 C)</td>
<td>bamboo rayon, HPPE, glass,</td>
<td>palm and fingertips with high performance</td>
<td>dry areas of application</td>
<td>anthracite</td>
<td>7 to 11</td>
</tr>
<tr>
<td>60542</td>
<td>knitted cuff</td>
<td>EN 388 (4 X 4 2 C)</td>
<td>bamboo rayon, HPPE, glass,</td>
<td>elastomer (HPPE) and SoftGrip foam coating</td>
<td>damp, oily or greasy areas of application</td>
<td>anthracite</td>
<td>7 to 11</td>
</tr>
</tbody>
</table>

Bamboo TwinFlex® technology is a registered brand of UVEX SAFETY Gloves GmbH & Co. KG, Germany.
Mechanical Risks
Area of application: cut protection

**uvex unidur 6641**
- PU cut protection safety glove with high-quality Special Cut Performance PE fibre
- outstanding mechanical abrasion resistance thanks to a good combination of fibres and coating
- good grip in dry and slightly damp areas
- good cut protection due to high-quality Special Cut Performance PE fibre
- very good tactile feel
- highly flexible
- outstanding comfort

Areas of application:
- automotive industry
- maintenance
- assembly
- metalworking
- packaging

<table>
<thead>
<tr>
<th>uvex unidur 6641</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. no.</td>
</tr>
<tr>
<td>Design</td>
</tr>
<tr>
<td>Standard</td>
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<tr>
<td>Material</td>
</tr>
<tr>
<td>Coating</td>
</tr>
<tr>
<td>Suitable for</td>
</tr>
<tr>
<td>Colour</td>
</tr>
<tr>
<td>Sizes</td>
</tr>
</tbody>
</table>

**uvex unidur 6643**
- NBR cut protection safety glove with high-quality Special Cut Performance PE fibre
- outstanding mechanical abrasion resistance with NBR coating
- good grip in damp and oily areas
- good cut protection due to high-quality Special Cut Performance PE fibre
- good tactile feel
- highly flexible
- good wearer comfort

Areas of application:
- automotive industry
- maintenance
- assembly
- sheet metal processing
- repair work

<table>
<thead>
<tr>
<th>uvex unidur 6643</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. no.</td>
</tr>
<tr>
<td>Design</td>
</tr>
<tr>
<td>Standard</td>
</tr>
<tr>
<td>Material</td>
</tr>
<tr>
<td>Coating</td>
</tr>
<tr>
<td>Suitable for</td>
</tr>
<tr>
<td>Colour</td>
</tr>
<tr>
<td>Sizes</td>
</tr>
</tbody>
</table>
**Mechanical Risks**

**Area of application: cut protection**

---

**uvex unidur 6648**
- PU cut protection glove with HPPE fibres
- outstanding mechanical abrasion resistance
- good grip in damp and oily areas
- good cut protection with HPPE fibres
- good tactile feel
- highly flexible
- good wearer comfort

Areas of application:
- automotive industry
- repair work
- light to medium metal processing
- packaging

**Specifications**

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>60932</th>
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<tr>
<td>Design</td>
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<tr>
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<td>EN 388 (4 3 4 2 B)</td>
</tr>
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<td>Material</td>
<td>HPPE, elastane</td>
</tr>
<tr>
<td>Coating</td>
<td>palm and fingertips with polyurethane coating</td>
</tr>
<tr>
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<td>dry areas and slightly damp areas</td>
</tr>
<tr>
<td>Colour</td>
<td>white, black</td>
</tr>
<tr>
<td>Sizes</td>
<td>6 to 11</td>
</tr>
</tbody>
</table>

---

**uvex unidur 6649**
- PU cut protection glove with HPPE fibres
- outstanding mechanical abrasion resistance
- good grip in damp and oily areas
- good cut protection with HPPE fibres
- good tactile feel
- highly flexible
- good wearer comfort

Areas of application:
- automotive industry
- repair work
- light to medium metal processing
- packaging

**Specifications**

<table>
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<td>Design</td>
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<tr>
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<td>EN 388 (4 3 4 2 B)</td>
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<tr>
<td>Material</td>
<td>HPPE, polyamide, elastane</td>
</tr>
<tr>
<td>Coating</td>
<td>palm and fingertips with polyurethane coating</td>
</tr>
<tr>
<td>Suitable for</td>
<td>dry areas and slightly damp areas</td>
</tr>
<tr>
<td>Colour</td>
<td>mottled blue, grey</td>
</tr>
<tr>
<td>Sizes</td>
<td>7 to 11</td>
</tr>
</tbody>
</table>
Mechanical Risks
Area of application: cut protection

uvex unidur 6659 foam
• cut protection glove with NBR foam coating and HPPE/glass fibre
• outstanding mechanical abrasion resistance with NBR coating
• good grip in dry and slightly damp areas
• high level of cut protection with HPPE and glass fibre combination
• very good tactile feel
• highly flexible
• outstanding comfort

Areas of application:
• automotive industry
• assembly
• maintenance
• metalworking
• shipping/logistics

uvex unidur 6679 foam
• cut protection safety glove with NBR foam coating and HPPE/steel fibres
• highly durable NBR foam coating for outstanding mechanical resistance and increased product life
• good grip in dry and slightly damp areas
• very good cut protection (level D) thanks to HPPE/steel fibre combination
• very good tactile feel
• high flexibility
• very good wearer comfort

Areas of application:
• automotive industry
• metal industry
• packaging

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<table>
<thead>
<tr>
<th>uvex unidur 6659 foam</th>
<th>uvex unidur 6679 foam</th>
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</thead>
<tbody>
<tr>
<td>Art. no.</td>
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<tr>
<td>Standard</td>
<td>EN 388 (4 X 4 3 C)</td>
</tr>
<tr>
<td>Material</td>
<td>HPPE, glass, polyamide</td>
</tr>
<tr>
<td>Coating</td>
<td>palm and fingertips with nitrile foam coating</td>
</tr>
<tr>
<td>Suitable for</td>
<td>dry areas and slightly damp areas</td>
</tr>
<tr>
<td>Colour</td>
<td>mottled grey, black</td>
</tr>
<tr>
<td>Sizes</td>
<td>6 to 11</td>
</tr>
</tbody>
</table>

| Art. no.              | 60969  |
| Design                | knitted cuff |
| Standard              | EN 388 (4 X 4 4 D) |
| Material              | HPPE, steel, nylon, elastane |
| Coating               | palm and fingertips with nitrile foam coating |
| Suitable for          | dry areas and slightly damp areas |
| Colour                | grey, black |
| Sizes                 | 6 to 11 |
### Mechanical Risks

**Area of application: cut protection**

---

**uvex protector chemical**

- Very robust safety glove with multi-layer technology combining impermeability and optimal cut protection
- Very high level of cut protection with the multi-layer design of the supporting material made from cotton, HPPE and glass
- Good grip in damp, wet and oily areas
- uvex protector chemical also offers protection against chemicals
- Good wearer comfort

**Areas of application:**
- Work with high cut hazard and contact with chemicals
- Handling heavy-duty tools
- Sheet metal processing
- Machinery and tool manufacturing

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<table>
<thead>
<tr>
<th>Art. no.</th>
<th>60535</th>
<th>60536</th>
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<tbody>
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<td>EN 388 (4 X 4 4 CI), EN 374 (J K L)</td>
<td>EN 388 (4 X 4 4 CI), EN 374 (J K L)</td>
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<tr>
<td>Material</td>
<td>sandwich liner: cotton interlock, HPPE, glass, PA</td>
<td>sandwich liner: cotton interlock, HPPE, glass, PA</td>
</tr>
<tr>
<td>Coating</td>
<td>fully coated with special NBR coating (nitrile rubber)</td>
<td>fully coated with special NBR coating (nitrile rubber)</td>
</tr>
<tr>
<td>Suitable for</td>
<td>good resistance to oil, grease and many chemicals</td>
<td>good resistance to oil, grease and many chemicals</td>
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<tr>
<td>Colour</td>
<td>blue</td>
<td>blue</td>
</tr>
<tr>
<td>Sizes</td>
<td>9 to 10</td>
<td>9 to 10</td>
</tr>
</tbody>
</table>

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**OEKO-TEX® STANDARD 100**

Made in Germany
Selecting the right safety gloves is absolutely essential when working with chemicals. Chemical protection safety gloves protect wearers from possible hazards that can cause permanent damage or even death.

As an active partner, uvex offers suitable product solutions and competent expert advice, including on-site visits. uvex’s application technicians in Lüneburg (Germany) are on hand to contribute their expertise in order to co-develop the perfect solutions for any environment. In addition, uvex’s test laboratory can create customer-specific permeation lists that are in accordance with the requirements of respective norms.

We would be glad to provide you with individual advice on workplace analysis and resistance lists.
Chemical Expert System: uvex online chemicals database

The choice and product life of chemical protection safety gloves is essentially determined by the resistance of the glove material to the chemicals being used.

As a manufacturer, uvex’s comprehensive online chemicals database offers quick and clear support. Just a few steps is all it takes to find information on the resistance of uvex safety gloves when working with particular chemicals.

Benefits at a glance:
- online database is always available (24/7)
- easy to use in many different languages
- registered users have full access to test results for all listed chemicals
- personal account with premium functions
- individual creation of permeation lists and glove plans

https://ces.uvex.de
Chemical Risks
Selecting the right hand protection

Alongside the right protective function, wearer comfort is extremely important in safety gloves.

With this in mind, uvex pays particular attention to the demands that will be placed on products in particular areas of application when it develops new chemical protection safety gloves.

Chemical protection safety gloves must be used in a wide variety of areas of application while still enabling wearers to complete tasks effectively.

The matrix provides guidance to assist in the selection of the right chemical glove for your workplace risks.

<table>
<thead>
<tr>
<th>Precision</th>
<th>All round</th>
<th>Heavy duty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protective gloves with cotton support for outstanding wearer comfort</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NBR</td>
<td>NBR</td>
<td>NBR</td>
</tr>
<tr>
<td>uvex u-chem 3300</td>
<td>uvex rubiflex S (blue)</td>
<td>uvex rubiflex ESD</td>
</tr>
<tr>
<td>uvex u-chem 3000</td>
<td>uvex rubiflex XG</td>
<td>uvex rubiflex S</td>
</tr>
</tbody>
</table>

| Protective gloves without cotton support, some with lightly flocked finish |
|-----------------|-----------------|-----------------|
| NBR             | Chloroprene     | Special materials |
| uvex profastron | uvex profapren  | uvex profabuty | uvex profaxiton |

<table>
<thead>
<tr>
<th>Disposable protective gloves for short-term use</th>
</tr>
</thead>
<tbody>
<tr>
<td>NBR</td>
</tr>
<tr>
<td>uvex u-fit lite</td>
</tr>
<tr>
<td>uvex u-fit</td>
</tr>
<tr>
<td>uvex u-fit strong N2000</td>
</tr>
</tbody>
</table>
uvex rubiflex (blue)
- the lightest and most flexible chemical protection safety gloves
- ergonomic fit: instant comfort guaranteed
- exceptional sensitivity
- extremely comfortable cotton interlock lining for high moisture absorption (reduced perspiration when compared with synthetic fibres such as acrylic and polyester)

uvex rubiflex ESD
Electrically conductive: fulfils requirements of EN 16350
The ideal solution for areas with explosive atmospheres
The high demands placed on safety gloves for use in areas with risk of explosions are defined in norm EN 16350. Contact resistance of safety gloves must be extremely low.
An innovative liner concept featuring a new conductive coating ensures chemical protection in addition to explosion protection.

uvex rubiflex XG
Grip coating for optimised grip when working with oils
Good grip is essential in many environments. This also applies to hand protection as poor grip results in unnecessary exertion, unsafe working and increased risk of injury. The innovative uvex Xtra Grip Technology effectively and safely solves these problems.
Effective grip – high flexibility – outstanding wearer comfort

Mechanical strength
Together with the multilayer design, the advanced surface structure ensures a greater resistance time.

Use in oily and wet environments
The canal structure of the uvex Xtra grip technology gloves absorbs liquids, helping maintain a secure grip on tools and components.

The multilayer construction ensures safety and grip
Special coating improves grip
Robust nitrile coating
Cotton liner for outstanding wearer comfort
Surface of skin

Further development
Chemical Risks
Safety gloves with cotton support: conductive NBR coating

The ideal solution for areas with explosive atmospheres

The introduction of the new standard EN 16350:2014 (Protective gloves – electrostatic properties) is the first standard to prescribe the electrostatic properties and testing procedure of safety gloves for work environments with risk of explosive atmospheres and fire.

The testing conditions and minimum requirements in accordance with EN 16350:2014 are as follows:
• The contact resistance must be less than $1.0 \times 10^8 \Omega$ ($R_v < 1.0 \times 10^8 \Omega$).
• Contact resistance $R_v$ was tested in accordance with EN 1149-2:1997.
• Test atmosphere: ambient temperature $23^\circ C \pm 1^\circ C$, relative air humidity $25\% \pm 5\%$.

uvex rubiflex ESD fulfils the requirements of the new norm EN 16350:2014.

uvex rubiflex ESD
• lightweight, stockinette and anti-static NBR chemical protection glove for applications in areas with explosion risks
• good mechanical abrasion resistance thanks to the NBR coating
• good grip in damp and wet areas
• good resistance to grease, mineral oils and many chemicals
• meets the requirements of EN 16350:2014
• outstanding tactile feel
• ergonomic fit
• outstanding wearer comfort due to the high-quality cotton interlock/carbon supporting material
• extremely high flexibility

Areas of application:
• automotive industry
• chemical industry
• paint shop
• refineries
• plastics processing operations
• work in anti-static areas

<table>
<thead>
<tr>
<th>uvex rubiflex ESD NB35A</th>
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<tbody>
<tr>
<td>Art. no.</td>
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<tr>
<td>Design</td>
</tr>
<tr>
<td>Standard</td>
</tr>
<tr>
<td>Material</td>
</tr>
<tr>
<td>Coating</td>
</tr>
<tr>
<td>Suitable for</td>
</tr>
<tr>
<td>Colour</td>
</tr>
<tr>
<td>Sizes</td>
</tr>
</tbody>
</table>
Chemical Risks

Safety gloves with cotton support: NBR coating

uvex rubiflex S XG
- lightweight, stockinette NBR chemical protection glove
- very good mechanical abrasion resistance and good lifecycle thanks to multi-layered structure
- outstanding grip in wet and oily areas thanks to uvex Xtra Grip technology
- good resistance to grease, mineral oils and many chemicals
- very good tactile feel
- ergonomic fit
- outstanding wearer comfort due to the high-quality cotton interlock supporting material
- extremely high flexibility

Areas of application:
- automotive industry
- chemical industry
- laboratories
- maintenance
- processing

uvex rubiflex S
- very lightweight, stockinette NBR chemical protection glove suited to handling a variety of chemicals
- good mechanical abrasion resistance thanks to the NBR coating
- good grip in damp and wet areas
- good resistance to grease, mineral oils and many chemicals
- outstanding tactile feel
- ergonomic fit
- outstanding wearer comfort due to the high-quality cotton interlock supporting material
- extremely high flexibility

Areas of application:
- automotive sector
- chemical industry
- laboratories
- varnishing
- food processing

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<table>
<thead>
<tr>
<th>Art. no.</th>
<th>Design</th>
<th>Standard</th>
<th>Material</th>
<th>Coating</th>
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<th>Colour</th>
<th>Sizes</th>
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<tr>
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<td>EN 388 (3 1 2 1 X)</td>
<td>cotton interlock</td>
<td>fully coated with special NBR coating (nitrile rubber) and XG Grip coating, approx. 0.40 mm</td>
<td>very good resistance to grease, mineral oils and many chemicals</td>
<td>blue, black</td>
<td>7 to 11</td>
</tr>
<tr>
<td>60557</td>
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<td>EN 388 (3 1 2 1 X)</td>
<td>cotton interlock</td>
<td>fully coated with special NBR coating (nitrile rubber) and XG Grip coating, approx. 0.40 mm</td>
<td>very good resistance to grease, mineral oils and many chemicals</td>
<td>blue, black</td>
<td>7 to 11</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Art. no.</th>
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<th>Material</th>
<th>Coating</th>
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<tr>
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<td>EN 388 (2 1 1 1 X)</td>
<td>cotton interlock</td>
<td>fully coated with special NBR coating (nitrile rubber), approx. 0.40 mm</td>
<td>good resistance to grease, mineral oils and many chemicals</td>
<td>blue</td>
<td>7 to 11</td>
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<tr>
<td>60224</td>
<td>gauntlet, approx. 35 cm</td>
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<td>cotton interlock</td>
<td>fully coated with special NBR coating (nitrile rubber), approx. 0.40 mm</td>
<td>good resistance to grease, mineral oils and many chemicals</td>
<td>blue</td>
<td>0 to 11</td>
</tr>
</tbody>
</table>
Chemical Risks
Safety gloves with cotton support: NBR coating

uvex rubiflex S
• NBR chemical protection glove with reinforced cotton interlock supporting material
• good mechanical abrasion resistance thanks to the NBR coating
• good resistance to many chemicals, acids, alkalis, mineral oils and solvents
• good heat insulation with reinforced supporting material
• good tactile feel
• ergonomic fit
• outstanding wearer comfort due to the high-quality cotton interlock supporting material
• highly flexible

Areas of application:
• automotive industry
• chemical industry
• machinery and tool manufacturing
• metal processing
• sandblasting
• food processing

uvex rubiflex S (long version)
• long NBR chemical protection glove with reinforced cotton interlock supporting material
• additional elastic collar at gauntlet end (NB60SZ/NB80SZ)
• good mechanical abrasion resistance thanks to the NBR coating
• good resistance to many chemicals, acids, alkalis, mineral oils and solvents
• good tactile feel
• ergonomic fit
• outstanding wearer comfort due to the high-quality cotton interlock supporting material
• highly flexible

Areas of application:
• chemical industry
• sewer construction
• municipal cleaning
• sandblasting

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>Material</th>
<th>Coating</th>
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<th>Colour</th>
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<tbody>
<tr>
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<td>cotton</td>
<td>fully coated with NBR</td>
<td>very good resistance to grease, mineral oils and many chemicals</td>
<td>green</td>
<td>8 to 11</td>
</tr>
<tr>
<td>98891</td>
<td>cotton</td>
<td>fully coated with NBR</td>
<td>very good resistance to grease, mineral oils and many chemicals</td>
<td>green</td>
<td>8 to 11</td>
</tr>
<tr>
<td>98902</td>
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<td>very good resistance to grease, mineral oils and many chemicals</td>
<td>green</td>
<td>8 to 11</td>
</tr>
<tr>
<td>89647</td>
<td>cotton</td>
<td>fully coated with special NBR coating</td>
<td>very good resistance to grease, mineral oils and many chemicals</td>
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<tr>
<td>60190</td>
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<tr>
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<tr>
<td>60191</td>
<td>cotton</td>
<td>fully coated with special NBR coating</td>
<td>very good resistance to grease, mineral oils and many chemicals</td>
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uvex rubiflex S NB

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<tbody>
<tr>
<td>89646</td>
<td>cotton</td>
<td>fully coated with NBR</td>
<td>very good resistance to grease, mineral oils and many chemicals</td>
<td>green</td>
<td>8 to 11</td>
</tr>
<tr>
<td>98891</td>
<td>cotton</td>
<td>fully coated with NBR</td>
<td>very good resistance to grease, mineral oils and many chemicals</td>
<td>green</td>
<td>8 to 11</td>
</tr>
<tr>
<td>98902</td>
<td>cotton</td>
<td>fully coated with NBR</td>
<td>very good resistance to grease, mineral oils and many chemicals</td>
<td>green</td>
<td>8 to 11</td>
</tr>
</tbody>
</table>
uvex u-chem 3000
- full chemical protection glove, certified in line with EN 374 (AJKLOT)
- good mechanical protection
- good chemical resistance
- good mechanical resistance
- long service life

Areas of application:
- repair work
- metal working
- cleaning
- chemical industry
- printing industry

uvex u-chem 3100
- the perfect combination of chemical protection and grip
- very good mechanical protection
- comfortable fit due to seamless cotton liner
- good resistance to many chemicals
- very good grip in wet and oily conditions
- highly flexible

Areas of application:
- chemical industry
- automotive industry
- metal working
- mechanical industries, sand blasting

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<table>
<thead>
<tr>
<th>uvex u-chem 3000</th>
<th>uvex u-chem 3100</th>
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<tbody>
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<td>60961</td>
<td>60968</td>
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<td>Design</td>
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<td>EN 388 (4 1 2 1 X), EN ISO 374-1:2016 / Type A (A J K L M O)</td>
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<tr>
<td>Material</td>
<td>Material</td>
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<td>cotton interlock</td>
<td>cotton (seamless)</td>
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<tr>
<td>Coating</td>
<td>Coating</td>
</tr>
<tr>
<td>NBR (nitrile butadiene rubber), approx. 0.50 mm</td>
<td>NBR (nitrile butadiene rubber), approx. 0.50 mm</td>
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<tr>
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<td>Suitable for</td>
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<tr>
<td>good resistance to grease, mineral oils and many chemicals</td>
<td>good resistance to grease, mineral oils and many chemicals</td>
</tr>
<tr>
<td>Colour</td>
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<tr>
<td>green</td>
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<tr>
<td>Sizes</td>
<td>Sizes</td>
</tr>
<tr>
<td>7 to 11</td>
<td>8 to 10</td>
</tr>
</tbody>
</table>

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Chemical Risks
Safety gloves with bamboo-fiber

uvex u-chem 3300

- outstanding wearer comfort
- comfortable bamboo-fiber inside
- absorption function of the natural fiber
- extremely high dexterity
- outstanding tactile feel
- good resistance to many chemicals

Areas of application
- chemical industry
- printing industry
- inspection/maintenance
- laboratories
- painting work
- food processing
- pharmaceutical industry
- cleaning

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<table>
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<th>uvex u-chem 3300</th>
<th>Art. no.</th>
<th>60971</th>
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<tr>
<td>Standard</td>
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<tr>
<td>Material</td>
<td>Bamboo-rayon/Nylon</td>
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<tr>
<td>Coating</td>
<td>NBR (nitrile butadiene rubber), approx. 0.21 mm</td>
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</tr>
<tr>
<td>Suitable for</td>
<td>good resistance to grease, mineral oils and many chemicals</td>
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</tr>
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<td>Colour</td>
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<td></td>
</tr>
<tr>
<td>Sizes</td>
<td>7 to 11</td>
<td></td>
</tr>
</tbody>
</table>
uvex profastrong

- sensitive NBR chemical protection glove with flocked cotton
- outstanding mechanical abrasion resistance
- good grip in damp and wet areas thanks to the Grip structure in the palm
- good resistance to many oils, grease, acids and alkalis
- good tactile feel
- good fit
- highly flexible

Areas of application:
- automotive industry
- chemical industry
- printing industry
- laboratories
- food industry

uvex profapren

- flexible chloroprene chemical protection glove with flocked cotton
- good grip in damp and wet areas thanks to the Grip structure in the palm
- good resistance to many chemicals and solvents
- good tactile feel
- very good fit
- highly flexible

Areas of application:
- chemical industry
- printing industry
- metalworking (cleaning)
- cleaning work

<table>
<thead>
<tr>
<th>uvex profastrong NF33</th>
<th>uvex profapren CF33</th>
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<tbody>
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<td>Design</td>
<td>gauntlet, palm with grip structure, approx. 33 cm</td>
</tr>
<tr>
<td>Standard</td>
<td>EN 388 (4 1 0 1 X), EN ISO 374-1:2016/Type A (A J K L O T)</td>
</tr>
<tr>
<td>Material</td>
<td>flocked cotton</td>
</tr>
<tr>
<td>Coating</td>
<td>fully coated with NBR (nitrile rubber), approx. 0.38 mm</td>
</tr>
<tr>
<td>Suitable for</td>
<td>good resistance to oils, grease, acids and solvents</td>
</tr>
<tr>
<td>Colour</td>
<td>green</td>
</tr>
<tr>
<td>Sizes</td>
<td>7 to 10</td>
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<table>
<thead>
<tr>
<th>uvex profapren CF33</th>
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<tr>
<td>Standard</td>
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<tr>
<td>Material</td>
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<td>Coating</td>
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<tr>
<td>Suitable for</td>
</tr>
<tr>
<td>Colour</td>
</tr>
<tr>
<td>Sizes</td>
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</table>
### Chemical Risks

**Unsupported safety gloves**

#### uvex profabutyl
- Chemical protection glove without stockinette made from butyl rubber
- Good grip in damp and wet areas
- Good resistance to polar bonds such as esters, ketones, aldehydes, amines and saturated saline solutions, plus acids and alkalis
- Good fit
- Highly flexible
- Satisfies the requirements of DIN EN 16350:2014

**Areas of application:**
- Chemical industry
- Working in antistatic areas

<table>
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<tr>
<th><strong>uvex profabutyl B-05R</strong></th>
<th><strong>uvex profaviton B-06</strong></th>
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<tbody>
<tr>
<td><strong>Art. no.</strong></td>
<td>60949</td>
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<tr>
<td><strong>Design</strong></td>
<td>Gauntlet, rolled edge, approx. 35 cm</td>
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<tr>
<td><strong>Standard</strong></td>
<td>EN 388 (2 0 1 0 X), EN 374 (A B 1 K)</td>
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<tr>
<td><strong>Material</strong></td>
<td>Without stockinette</td>
</tr>
<tr>
<td><strong>Coating</strong></td>
<td>Seamlessly coated with bromobutyl (approx. 0.50 mm)</td>
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<tr>
<td><strong>Suitable for</strong></td>
<td>Good resistance to polar bonds acids and alkalis</td>
</tr>
<tr>
<td><strong>Colour</strong></td>
<td>Black</td>
</tr>
<tr>
<td><strong>Sizes</strong></td>
<td>7 to 11</td>
</tr>
</tbody>
</table>

#### uvex profaviton
- Chemical protection gloves made from butyl rubber with Viton® outer layer
- Good grip in damp and wet areas
- Good resistance to aliphatic and aromatic hydrocarbons (e.g. hexane, benzene, toluene, xylene and others), halogenated hydrocarbons (e.g. trichloroethylene, perchloroethylene, dichloromethane and others) organic and inorganic acids (diluted to concentrated), as well as saturated saline solutions
- Good fit
- Highly flexible

**Areas of application:**
- Chemical industry

VITON® is a registered trademark of E.I. du Pont de Nemours and Company.
The uvex u-fit product range, provides high-quality disposable safety gloves, which guarantee a high level of safety and functionality.

uvex u-fit gloves ensures reliable wearer protection throughout industry, including the chemical, medical, food and light industry sectors enabling comfortable and precise work.

uvex disposable safety gloves are available in three different materials to cater for a wide range of application areas:

- **uvex u-fit lite**
- **uvex u-fit**
- **uvex u-fit strong N2000**

<table>
<thead>
<tr>
<th>Material</th>
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<th>uvex u-fit strong N2000</th>
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<tbody>
<tr>
<td>accelerator-free NBR</td>
<td>NBR (nitrile rubber)</td>
<td>NBR (nitrile rubber)</td>
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<tr>
<td>(nitrile rubber)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>wall thickness 0.08 mm</td>
<td>wall thickness 0.10 mm</td>
<td>wall thickness 0.20 mm</td>
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<td>silicone-free</td>
<td>silicone-free</td>
<td>silicone-free</td>
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<tr>
<td>powder-free</td>
<td>powder-free</td>
<td></td>
<td></td>
</tr>
<tr>
<td>no latex proteins</td>
<td>no latex proteins</td>
<td>no latex proteins</td>
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<table>
<thead>
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<table>
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<th>uvex u-fit strong N2000</th>
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</thead>
<tbody>
<tr>
<td>high level of sensitivity</td>
<td>good mechanical abrasion resistance</td>
<td>very good abrasion resistance</td>
<td></td>
</tr>
<tr>
<td>hypo-allergenic</td>
<td>good chemical resistance (splashproof)</td>
<td>increased chemical resistance (splash-proof)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Handling</th>
<th>uvex u-fit lite</th>
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<th>uvex u-fit strong N2000</th>
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</thead>
<tbody>
<tr>
<td>reinforced rolled edge –</td>
<td>reinforced rolled edge –</td>
<td>reinforced rolled edge –</td>
<td></td>
</tr>
<tr>
<td>easy to put on</td>
<td>easy to put on</td>
<td>easy to put on</td>
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**Area of application**

<table>
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<th>uvex u-fit</th>
<th>uvex u-fit strong N2000</th>
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</thead>
<tbody>
<tr>
<td>Precision assembly work, dry/oily</td>
<td>++</td>
<td>+</td>
<td>–</td>
</tr>
<tr>
<td>Assembly work, dry/oily</td>
<td>+</td>
<td>+</td>
<td>++</td>
</tr>
<tr>
<td>Product protection</td>
<td>++</td>
<td>++</td>
<td>+</td>
</tr>
<tr>
<td>Gentle cleaning</td>
<td>+</td>
<td>+</td>
<td>++</td>
</tr>
<tr>
<td>Inspection</td>
<td>++</td>
<td>++</td>
<td>+</td>
</tr>
<tr>
<td>Food handling</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>Chemicals</td>
<td>short-term work, in acc. with resistance list</td>
<td>short-term work, in acc. with resistance list</td>
<td>in acc. with resistance list</td>
</tr>
<tr>
<td>Paint shop</td>
<td>as splash protection</td>
<td>as splash protection</td>
<td>full contact in acc. with resistance list</td>
</tr>
</tbody>
</table>

Please contact us if you require a copy of our complete resistance list.

Detailed information can also be found in the uvex Chemical Expert System online at [https://ces.uvex.de](https://ces.uvex.de)
uvex u-fit strong N2000

- reinforced disposable glove made from nitrile rubber (0.20 mm)
- for protection against many chemicals
- good grip
- outstanding tactile feel
- very high mechanical strength
- silicone-free according to imprint test

Areas of application:
- laboratories
- chemical industry
- precision assembly work
- painting work
- cleaning
- food industry

<table>
<thead>
<tr>
<th>uvex u-fit strong N2000</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. no.</td>
<td>60962</td>
</tr>
<tr>
<td>Design</td>
<td>textured surface of fingertips, approx. 28 cm</td>
</tr>
<tr>
<td>Standard</td>
<td>EN ISO 374-1:2016/Type A (JKLOPST)</td>
</tr>
<tr>
<td>Material</td>
<td>no lining</td>
</tr>
<tr>
<td>Coating</td>
<td>NBR (nitrile butadiene rubber)</td>
</tr>
<tr>
<td>Suitable for</td>
<td>good resistance to grease, mineral oils and many chemicals</td>
</tr>
<tr>
<td>Colour</td>
<td>blue</td>
</tr>
<tr>
<td>Sizes</td>
<td>S to XXL</td>
</tr>
<tr>
<td>Contents</td>
<td>box of 50 (Size XL + XXL: box of 45)</td>
</tr>
</tbody>
</table>
uvex u-fit lite

- very light and thin NBR disposable glove (0.08 mm)
- good grip with the roughened fingertips
- good mechanical resistance
- reliable spray protection when handling chemicals such as acids, alkalis, solids or aqueous saline solutions
- silicone-free according to imprint test
- outstanding tactile feel
- very good fit
- extremely high flexibility
- accelerator-free

Areas of application:
- precision assembly work
- inspection
- short periods handling chemicals
- paint shop (as splash protection)
- food processing
- gentle cleaning
- product protection

uvex u-fit

- thin and reliable NBR disposable glove (0.10 mm)
- good grip with the roughened surface
- very good abrasion resistance
- reliable spray protection when handling chemicals such as acids, alkalis, solids or aqueous saline solutions
- silicone-free according to imprint test
- outstanding tactile feel
- very good fit
- extremely high flexibility

Areas of application:
- precision assembly work
- inspection
- short periods handling chemicals
- paint shop (as splash protection)
- food processing
- gentle cleaning
- product protection

---

uvex u-fit lite

- Art. no. 60597
- Design roughened fingertips, approx. 24 cm
- Standard EN ISO 374-1:2016/Type C
- Material without stockinette
- Coating NBR (nitrile rubber), approx. 0.08 mm
- Suitable for highly resistant to grease and oil
- Colour indigo blue
- Sizes S to XL
- Contents box of 100

uvex u-fit

- Art. no. 60596
- Design roughened surface, approx. 24 cm
- Standard EN ISO 374-1:2016/Type B (KPT)
- Material without stockinette
- Coating NBR (nitrile rubber), approx. 0.10 mm
- Suitable for highly resistant to grease and oil
- Colour blue
- Sizes S to XL
- Contents box of 100
<table>
<thead>
<tr>
<th>Art. no.</th>
<th>Art. code</th>
<th>Sizes</th>
<th>Colour</th>
<th>Page</th>
</tr>
</thead>
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<tr>
<td>60020</td>
<td>uvex synexo Z200</td>
<td>6 to 12</td>
<td>black, white</td>
<td>196</td>
</tr>
<tr>
<td>60021</td>
<td>uvex synexo M100</td>
<td>7 to 11</td>
<td>red, black</td>
<td>195</td>
</tr>
<tr>
<td>60022</td>
<td>uvex synexo M500</td>
<td>7 to 11</td>
<td>yellow, black</td>
<td>207</td>
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<td>60040</td>
<td>uvex phynomic lite</td>
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<td>grey, grey</td>
<td>190</td>
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<td>60041</td>
<td>uvex phynomic lite w</td>
<td>5 to 12</td>
<td>white, white</td>
<td>190</td>
</tr>
<tr>
<td>60049</td>
<td>uvex phynomic alround</td>
<td>5 to 12</td>
<td>grey, black</td>
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<tr>
<td>60050</td>
<td>uvex phynomic foam</td>
<td>5 to 12</td>
<td>white, grey</td>
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<td>60060</td>
<td>uvex phynomic wet</td>
<td>6 to 12</td>
<td>blue, anthracite</td>
<td>192</td>
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<td>60061</td>
<td>uvex phynomic wet plus</td>
<td>6 to 12</td>
<td>blue, anthracite</td>
<td>192</td>
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<tr>
<td>60062</td>
<td>uvex phynomic pro</td>
<td>6 to 12</td>
<td>blue, anthracite</td>
<td>193</td>
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<td>60070</td>
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<td>60135</td>
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<td>uvex C500 wet</td>
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