Safety gloves

Single-handedly providing the expertise you need
Injuries to the hand are one of the most frequently reported of all industrial accidents and are associated with high consequential costs for businesses. uvex’s innovative glove solutions provide you with exceptional safety and cost-efficiency for all industrial applications. Design principles which provide maximum protection and outstanding wearer comfort, ensure a high level of compliance with safety policy and a major contribution to risk management.

Based in Lüneburg, PROFAS GmbH & Co. KG is the uvex safety group’s centre of expertise for safety gloves. Production at our Lüneburg facility ensures that delivery times to our end-user customers in Germany are short, yielding positive cost and environmental outcomes. Leading-edge manufacturing processes, design and development, in-house sewing together with a laboratory with extensive testing and application technology, work synergistically to form a tight-knit internal network. After all, quality means more to us than just a perfect product.
Talk to us when it comes to hand protection and tell us your individual requirements. We'll provide the right solution oriented to your specific activities.
uvex unipur carbon and


Carbon is one of the most versatile, innovative and high performance materials currently available. By using numerous carbon technologies, uvex has successfully created a wide range of high-performance products. Carbon fibres are excellent electrical conductors and by using carbon in both the lining and the coating of the glove, we’ve used innovative technology to develop anti-static gloves that fully conform with the required standards for a wide range of applications.

Flexibility and precision

The extremely fine micro-nubs with flexzones on the fingers are specially designed to allow precision assembly work and guarantee a perfectly secure grip. The wearer maintains complete control of their work and benefits from extreme dexterity.

Breathability

The precision polyamide-carbon lining (gauge 15) is covered with fine carbon micro-nubs which give the unipur carbon outstanding breathability.
The anti-static properties of these gloves are important for two particular applications:

- Product protection (electronics industry, installation of electronic components)
- Protecting people (explosion protection, workplaces subject to risk of explosion)

The helix C3 carbon and unipur carbon fulfil the protective requirements of both standards.

**Anti-static**

Carbon nanotubes are integrated into the helix C3 carbon’s microporous HPE softgrip foam lining, ensuring outstanding conductivity thanks to their grid-like arrangement.

**Outstanding grip**

The microporous HPE softgrip foam coating guarantees an outstanding grip for dry and oily/greasy surfaces.

**Bamboo Twinflex® technology**

The highly breathable and cut-resistant Bamboo Twinflex® technology used in the helix C3 carbon is supplemented with carbon fibres to guarantee excellent conductivity in the lining.

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HEAD PROTECTION  PROTECTIVE EYEWEAR  PROTECTIVE GLOVES  PROTECTIVE CLOTHING  SAFETY FOOTWEAR
uvex climazone functions like the body’s own climatic system: deviations from the individual climate are balanced and the body temperature remains at a consistently comfortable level. Excess warmth and moisture are efficiently removed reducing the feeling of cold.

Temperature regulation is of particular importance in hand protection products. Hands have more sweat glands than any other part of the human body, with 375 per square centimetre on the palm and 200 per square centimetre on the back. During physical activity, the resulting moisture must either be stored or displaced/redistributed by the material.

Innovative coating technologies, leading-edge materials and unique ventilation solutions ensure high product quality and wearer acceptance. The material’s breathability, ventilated design and high moisture retention create real comfort and ensure to dry, protected hands.
Patented Bamboo TwinFlex Technology® with double face principle

The patented Bamboo TwinFlex® protection:
Firm glass fibres and abrasion resistant polyamide guarantee optimal mechanical protection.

The patented Bamboo TwinFlex® comfort:
Soft, comfortable bamboo yarn for silky wearing comfort and perfect temperature control combined with durable Dyneema® fibre for high tear resistance.

Absorption rate of fibres (storage function)

Bamboo absorbs up to 50% more moisture than other natural fibres – which guarantees comfortable dry hands.

uvex Profas helix –
a cut protection glove with the cut level 5 + 3 and outstanding wearing comfort. The patented Bamboo Twin Flex Technology®, a material composition made of a cut protection fibre on the outside and a bamboo comfort fibre on the inside, combines outstanding skin sensory properties with excellent climate characteristics.

The bamboo’s natural fibre provides very good moisture transport and absorption, as well as a pleasant feeling on the skin. Importantly, it is free of harmful substances in accordance with Oekotex Standard 100.

The temperature control features are supported by the newly developed SoftGrip coating made out of high performance elastomer (HPE).

R<sub>v</sub> values* of below 20 are achieved with this new coating. For the user, this means noticeable breathability, which ensures increased wearing comfort.

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* R<sub>v</sub> value: Resistance to moisture vapour transfer

Dyneema<sup>®</sup> is a registered trademark of Royal DSM N.V.
Safety gloves

Comfort results from quality

What makes a good safety glove?

The consistent high-quality of our safety gloves is guaranteed by carefully selected raw materials, solid processing methods and stringent production controls based on the guidelines of European norms. Equally integral to the uvex approach is our commitment to continuous product development and conformity with new safety requirements. The use of high-quality natural fibres that are well tolerated by the skin is the precondition for feeling comfortable. This is critical as only a glove that is worn can provide protection.

Copying nature: a completely new ergonomic fit. The PROFAS Flat-Ergo Technology with anatomically shaped phalanges.

Oeko-Tex-certified natural materials such as jersey cotton liners or knitted liners with bamboo thread provide for a pleasant wearing feeling and optimal comfort.
Certified according to Oeko Tex Standard 100

Proven levels of safety, for you and your employees. Everything that comes into contact with skin has to satisfy the most exacting requirements and this is why we decided to have all knitted gloves in our PROFI, CONTACT, RUBIPOR, HELIX, PROTECTOR, RUBIFLEX, RUBIFLEX S, PROFATROL and PROFAGRIP ranges, certified according to the stringent testing criteria of Product Class II.

PROFAS safety gloves always come with a flexible, optimally cross-linked coating that provides excellent abrasion resistance in practice.

The result: safety gloves with unsurpassed wearing comfort and the best tactile feel. Because only the combination of optimal design, skin-friendly comfortable materials and effective coating technology makes a safety glove for daily work really perfect.
PROFAS range

Mechanical risks

Supported safety gloves
- Coating: Nitrile

Heat/cut protection safety gloves

Knitted safety gloves

Cut protection safety gloves

Leather safety gloves
PROFAS range

Chemical risks

Supported safety gloves

- Coating: Nitrile
  - Rubiflex S
  - Rubiflex SZ
  - Rubiflex S
  - Rubiflex XG
  - Profatrol
  - Profagrip

Unsupported safety gloves

- Coating: HPV
  - Rubiflex S Rubiflex XG
  - Profastrong
  - Profasol
  - Butyl
  - Butyl/Viton®

Disposable safety gloves

- u-fit nitrile
- u-fit latex

Viton® is an E.I. du Pont de Nemours and Company brand.
Xtra Grip Technology

Secure grip. Excellent flexibility.

Whether it’s in sports, in technical environments or behind the wheel, a powerful grip is essential in many applications. Without it, the risk of an accident increases and energy is lost, particularly in wet or oily environments. This applies especially to safety gloves, as a weak grip leads to hand fatigue, unsteadiness, space between at work, and an increased risk of injury.

With the innovative uvex Profas Xtra grip technology, these problems are a thing of the past.

**Multilayer design for greater safety**

- Special coating for a more secure grip
- Durable nitrile coating
- Cotton stockinet for real comfort
- Surface of skin

The highly absorbent cotton lining of the Xtra grip technology gloves ensures exceptional comfort, whilst the addition of a nitrile coating provides absolute impermeability.

**uvex Profas RUBIFLEX XG 35 B**

Uvex provides maximum chemical protection with the supported RUBIFLEX XG 35 B.

**Greater resistance time**

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 Xtra grip technology gloves absorbs liquids, helping maintain a secure grip on tools and components.

Made in Germany
Greater resistance time. Exceptional comfort.

uvex Profas PROFI ERGO XG 20 A

The PROFI ERGO XG 20A is the ideal choice when it comes to reducing mechanical risks in oily and wet environments.
Mechanical risks

Supported safety glove with airflow design

AIRFLOW TECHNOLOGY

Coating strength – safety gloves for mechanical risks

Coating strength – safety gloves for mechanical risks

<table>
<thead>
<tr>
<th>Coating strength</th>
<th>Low</th>
<th>High</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coating strength</td>
<td>RUBIPOR XS</td>
<td>RUBIPOR ERGO</td>
</tr>
</tbody>
</table>

Airflow Technology

The ultra lightweight safety glove with an innovative airflow design. The cuff ensures greater ventilation and wearer comfort, while the multifunctional impregnation process has been optimised to give it mechanical and moisture-repellent properties as well as breathability.

Characteristics

- Innovative airflow design for greater ventilation
- Multifunctional, moisture-repellent, breathable impregnation
- Excellent grip due to optimised NBR impregnation
- Outstanding wearer comfort
- Greater stain resistance due to grey liner and grey coating

Applications

- Maintenance
- Assembly
- General tasks

Breathable NBR impregnation for predominately dry areas of use

Thick NBR coating for wet areas of use

Art. no. | AF6001GG
---|---
EN | 388 (1 1 1 1)
Sizes | 7, 8, 9, 10
Length approx. | 27 cm
Construction | Five-finger glove, airflow cuff design, multifunctional breathable impregnation on palm, fingers and thumb
Base glove | Cotton interlock
Coating | Special NBR (nitrile butadiene rubber), impregnation
Colour | Grey
Resistance | Moisture-repellent
Model | 60308
**Mechanical risks**

**Supported safety glove with NBR impregnation**

**RUBIPOR XS · RUBIPOR ERGO**

**RUBIPOR XS**

Developed elastic and ultra lightweight safety glove with breathable NBR impregnation. The Rubipor XS offers excellent breathability thanks to the combination of extremely light NBR impregnation and the stretch cotton material. This has been analysed by the Hohenstein Institute’s skin model.

**Characteristics**

- Highly flexible stretch cotton backing material with elastane
- Outstanding fit
- Unprecedented dexterity right to the fingertips
- Breathable
- Low-charging, electrostatic discharge in accordance with DIN EN 61340-5-1

**Applications**

- Fine assembly work
- Sorting
- Inspection/finishing
- Product protection

**RUBIPOR ERGO**

The Rubipor ERGO includes a breathable NBR impregnation. This ensures a pleasant temperature-regulated wearing feel, even after long periods (e.g. an entire shift). The excellent breathability has been confirmed by tests at the renowned Hohenstein Institute. The key advantages for employees are greater wearer acceptance and no fatigue at work.

**Characteristics**

- Excellent ergonomic fit
- Highly flexible
- Unprecedented dexterity right to the fingertips
- Breathable
- Ultra lightweight

**Applications**

- Fine assembly work
- Sorting
- Inspection
- Product protection

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**Technical Data**

**RUBIPOR XS**

- Art. no.  XS 2001  XS 5001 B
- EN 388 (0 1 2 1) 388 (0 1 2 1)
- Sizes 7, 8, 9, 10
- Length approx. 27 cm
- Construction Five-finger glove, knitted cuff, elastic backing material with NBR impregnation on palm, fingers and thumb
- Base glove Cotton interlock / elastane
- Coating Special NBR (nitrile butadiene rubber), impregnation
- Colour White

**RUBIPOR ERGO**

- Art. no.  E 5001 B
- EN 388 (0 1 2 1) 388 (0 1 2 1) 388 (0 1 2 1)
- Sizes 7, 8, 9, 10
- Length approx. 27 cm
- Construction Five-finger glove, knitted cuff, impregnated palm and fingertips
- Base glove Cotton interlock
- Coating Special NBR (nitrile butadiene rubber), impregnation
- Colour Blue
- Resistance for dry applications
- Model 60276 60316
Mechanical risks

Supported safety glove with **Ergo shape**

**CONTACT ERGO**

The CONTACT ERGO stands out due to extremely good ventilation on the back of the hand and exceptional dexterity right to the fingertips. The special impermeable NBR coating protects the hands from substances such as oil and grease.

**Characteristics**
- excellent ergonomic fit
- highly flexible
- very good dexterity right to the fingertips
- remarkable abrasion resistance and cut resistance
- outstanding ventilation of back on the hand
- good water vapour absorption due to the cotton lining

**Applications**
- fine assembly work
- transport/packaging work
- inspection/maintenance

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**CONTACT ERGO**

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>388 (1 2 2 1)</th>
<th>388 (1 2 2 1)</th>
</tr>
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<tbody>
<tr>
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<tr>
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<td>7, 8, 9, 10</td>
</tr>
<tr>
<td>Length approx.</td>
<td>27 cm</td>
<td>27 cm</td>
</tr>
<tr>
<td>Construction</td>
<td>Five-finger glove, knitted cuff, coating on palm and fingers</td>
<td>Five-finger glove, knitted cuff, coating on palm and fingertips</td>
</tr>
</tbody>
</table>

**Base glove**
- Cotton interlock

**Coating**
- Special NBR (nitrile butadiene rubber)

**Colour**
- orange

**Resistance**
- Good resistance to oil and grease

**Model**
- 60150
- 60195
Supported safety glove with **Ergo shape**

**PROFI ERGO**

The classic safety glove, now with **an even better fit thanks to ergonomic shaping.** An extremely functional, high-quality, universally applicable and hard-wearing safety glove. The ENB2004 has a thicker lining, making it suitable for work with heavy objects (e.g., forging press).

**Characteristics**
- excellent ergonomic fit
- high flexibility
- outstanding abrasion resistance and good cut resistance
- very good dry/wet grip
- proven high wearer acceptance
- good water vapour absorption due to the cotton lining

**Applications**
- light/medium metal processing
- repairs/maintenance
- all-round glove

<table>
<thead>
<tr>
<th>ENB2004</th>
<th>ENB20</th>
<th>ENB20A</th>
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<tbody>
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<td>Length approx.</td>
<td>27 cm</td>
<td>27 cm</td>
</tr>
<tr>
<td>Construction</td>
<td>five-finger glove, knitted cuff, partially coated back</td>
<td>five-finger glove, knitted cuff, fully coated back</td>
</tr>
<tr>
<td>Base glove</td>
<td>Cotton interlock</td>
<td>Cotton interlock</td>
</tr>
<tr>
<td>Coating</td>
<td>Special NBR (nitrile butadiene rubber)</td>
<td>Special NBR (nitrile butadiene rubber)</td>
</tr>
<tr>
<td>Colour</td>
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<tr>
<td>Resistance</td>
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</tr>
<tr>
<td>Model</td>
<td>60233</td>
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</tbody>
</table>

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**PROFI ERGO XG**

The new professional safety glove with innovative **xtra grip technology** combines protection, an exceptionally comfortable grip, and flexibility, and boasts exceptional resistance times, thanks to the multilayer construction.

**Characteristics**
- Exceptional dry and wet grip
- Multilayer design for excellent resistance time
- Ergonomic fit
- High flexibility
- Exceptional comfort
- Outstanding dexterity
- Cotton lining for superior water vapour absorption

**Applications**
- Maintenance
- Assembly
- Light to medium metal processing
- All-purpose glove

<table>
<thead>
<tr>
<th>XG 20 A</th>
<th>XG 20</th>
<th>XG 20 A</th>
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<tbody>
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<td>Length approx.</td>
<td>27 cm</td>
<td>27 cm</td>
</tr>
<tr>
<td>Construction</td>
<td>five-finger glove, knitted cuff, partially coated back</td>
<td>five-finger glove, knitted cuff, fully coated back</td>
</tr>
<tr>
<td>Base glove</td>
<td>Cotton interlock</td>
<td>Cotton interlock</td>
</tr>
<tr>
<td>Coating</td>
<td>Special NBR (nitrile butadiene rubber) + XG grip coating</td>
<td>Special NBR (nitrile butadiene rubber) + XG grip coating</td>
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<tr>
<td>Colour</td>
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<td>orange/black</td>
</tr>
<tr>
<td>Resistance</td>
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<tr>
<td>Model</td>
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</table>

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**Mechanical risks**

**Xtra Grip**

**Made in Germany**
## Mechanical risks

**Supported safety glove with NBR coating**

**RUBIFLEX · COMPACT**

### RUBIFLEX

- **Characteristics**
  - anatomical shape
  - highly flexible
  - good dexterity
  - comfortable fit
  - Fully coated, especially for wet areas
  - Remarkable abrasion-resistance
- **Applications**
  - light/medium metal processing
  - maintenance/servicing
  - painting/coating
  - repair work
  - inspection

**Art. no.**

<table>
<thead>
<tr>
<th></th>
<th>NB27E</th>
<th>NB27G</th>
<th>NB27H</th>
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<tr>
<td><strong>Construction</strong></td>
<td>Five-finger glove, partially coated</td>
<td>Five-finger glove, knitted cuff, partially coated</td>
<td>Five-finger glove, canvas cuff, fully coated</td>
</tr>
<tr>
<td><strong>Base glove</strong></td>
<td>Jersey cotton</td>
<td>Jersey cotton</td>
<td>Jersey cotton</td>
</tr>
<tr>
<td><strong>Coating</strong></td>
<td>NBR (nitrile butadiene rubber)</td>
<td>Jersey cotton</td>
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<td><strong>Colour</strong></td>
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<tr>
<td><strong>Model</strong></td>
<td>98899</td>
<td>89650</td>
<td>98930</td>
</tr>
</tbody>
</table>

### COMPACT

- **Characteristics**
  - good abrasion resistance and cut resistance
  - wrist protection with canvas cuff (except NB27G)
  - tear-resistant
- **Applications**
  - metal processing
  - machine construction
  - wood working
  - transport industry
  - concrete/construction

**Art. no.**

<table>
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<th></th>
<th>NB27</th>
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<td>40 cm</td>
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<tr>
<td><strong>Construction</strong></td>
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<td>Five-finger glove, knitted cuff, canvas cuff, partially coated</td>
<td>Five-finger glove, canvas cuff, fully coated</td>
</tr>
<tr>
<td><strong>Base glove</strong></td>
<td>Cotton interlock</td>
<td>Cotton interlock</td>
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<tr>
<td><strong>Coating</strong></td>
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<td>Special NBR (nitrile butadiene rubber)</td>
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<td><strong>Colour</strong></td>
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<tr>
<td><strong>Resistance</strong></td>
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<td><strong>Model</strong></td>
<td>89636</td>
<td>60235</td>
<td>60230</td>
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</tbody>
</table>
### Mechanical risks

**Heat/cut protection safety gloves**

**NK · K-BASIC EXTRA · PROFATHERM**

#### NK

This high-quality NBR-coated safety glove is exceptionally comfortable to wear. With the cotton/aramide sandwich lining, it provides optimal cut resistance and good endurance. The rough surface ensures that the glove offers exceptional grip.

- **Art. no.:** NK 2722, NK 4022
- **EN:***
  - 388 (1 2 4 3), 407
- **Sizes:** 9, 10
- **Construction:** Five-finger glove, seamless coating, cuff
- **Base glove:** Sandwich liner, Cotton interlock/knitted aramide
- **Coating:** Special NBR (nitrile butadiene rubber)
- **Colour:** Orange
- **Resistance:** Good resistance to oil and grease
- **Model:** 60213, 60202

#### K-BASIC EXTRA

This coarse-knitted glove made of 100% Kevlar® is lined with cotton, making it ideal for protecting the wearer against heat and cuts. The combination of Kevlar® and cotton guarantees good heat insulation and enables the handling of objects up to +250 °C without losing anything in terms of cut resistance.

- **Art. no.:** 6658
- **EN:***
  - 388 (1 3 4 0), 407
- **Sizes:** 8, 10, 12
- **Length approx.:** 22 - 27 cm
- **Construction:** 7-gauge coarse knit
- **Base glove:** 100% Kevlar®, cotton lining inside
- **Colour:** Yellow
- **Resistance:** Cut and heat-resistant
- **Model:** 98932, 60912, 89655, 60911

#### PROFATHERM

Safety gloves made of cotton terry are ideal for many applications including protection against heat, cold and cuts. They are suitable for contact heat of up to +250 °C (EN 407).

- **Art. no.:** XB20, XB27, XB30, XB37
- **EN:***
  - 388 (1 2 3 0), 407
- **Sizes:** 11
- **Length approx.:** 27 cm
- **Construction:** Five-finger glove, knitted cuff
- **Base glove:** Cotton terry
- **Resistance:** Resistant to cuts, insulation against heat and cold
- **Model:** 98932, 60912, 89655, 60911

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NK is an E.I. du Pont de Nemours and Company brand
**Mechanical risks**

**Knitted safety gloves**

**UNIGRIP · UNILITE · UNIPUR**

These high-quality knitted safety gloves feature excellent grip capabilities and are suitable for general mechanical risk applications. They are flexible and offer an excellent fit. Depending on the particular version, they are suitable for rough (6622, 6624) or precision tasks (6620).

**Characteristics**
- flexible, good grip
- excellent fit
- mechanical strength

**Applications**
- assembly, sorting
- packaging

**UNIGRIP · Knitted safety gloves with PVC nubs**

Knitted safety glove with micro-porous nitrile foam coating. These gloves are ultra light, flexible and provide exceptional dexterity. The palms and fingertips are coated with nitrile rubber.

**Characteristics**
- extremely lightweight
- outstanding dexterity right to the fingertips
- excellent mechanical abrasion resistance
- micro porous foam coating
- excellent grip on dry and (slightly) moist objects due to nitrile foam
- exceptional wearer comfort

**Applications**
- fine assembly work
- sorting
- inspection/finishing

**UNILITE · Knitted safety gloves with NBR foam coating**

This safety glove is ultra light, flexible and provides exceptional dexterity. The palms and fingertips are coated with nitrile rubber.

**Characteristics**
- flexible
- outstanding dexterity
- highly abrasion-resistant
- mechanical strength

**Applications**
- fine assembly work
- precision work

**UNIPUR · Knitted safety gloves with NBR coating**

This safety glove is ultra light, flexible and provides exceptional dexterity. The palms and fingertips are coated with nitrile rubber.

**Characteristics**
- flexible
- outstanding dexterity
- highly abrasion-resistant
- mechanical strength

**Applications**
- fine assembly work
- precision work

---

**Art. no.**

6620 6622 6624

**EN**

388 (2 1 4 X) 388 (2 2 3 1) 388 (1 2 4 X)

**Sizes**

7, 8, 9, 10 7/8, 9/10, 11/12 7, 8, 9, 10

**Length approx.**

22 - 27 cm 22 - 27 cm 22 - 27 cm

**Construction**

13-gauge, Fine knit 7-gauge, Coarse knit 10-gauge

**Base glove**

Polyamide/cotton Polyamide/cotton Polyamide/cotton

**Coating**

PVC nubs PVC nubs PVC nubs

**Colour**

white/blue nubs white/red nubs grey/red nubs

**Resistance**

for dry areas

**Model**

60155 60236 60238

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**Art. no.**

6605

**EN**

388 (4 1 2 2)

**Sizes**

7, 8, 9, 10

**Length approx.**

22 - 27 cm

**Construction**

Five-finger glove, knitted cuff, palm and fingertips with micro porous nitrile foam coating

**Base glove**

Knitted nylon

**Coating**

NBR (nitrile rubber), foamed

**Colour**

black/black coating

**Resistance**

for dry areas and slightly moist areas

**Model**

60573

---

**Art. no.**

6634

**EN**

388 (4 1 3 3)

**Sizes**

7, 8, 9, 10

**Length approx.**

22 - 27 cm

**Construction**

Five-finger glove, ribbing, palm and fingertips with NBR coating

**Base glove**

Knitted nylon

**Coating**

NBR (nitrile rubber)

**Colour**

grey/black coating

**Resistance**

oil and grease-resistant

**Model**

60321
### UNIPUR carbon

These anti-static safety gloves combine various technologies to create an ideal overall concept. The polyamide carbon lining provides exceptional dexterity and a close fit. The fingertips only have a thin coating to provide them with grip and maximise the sense of touch. Thin carbon micro-nubs ensure an excellent grip in the palm and increase dexterity. As a result, the glove is extremely breathable.

**Characteristics:**
- Anti-static safety glove
- Exceptional dexterity
- Excellent dry grip

**Applications:**
- Fine assembly work
- Electronics
- Installation of electronic components

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>Unipur carbon</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN</td>
<td>388 (0 1 3 1)</td>
</tr>
<tr>
<td>Sizes</td>
<td>7, 8, 9, 10</td>
</tr>
<tr>
<td>Length approx.</td>
<td>21 - 25 cm</td>
</tr>
<tr>
<td>Construction</td>
<td>Five-finger, palm coated Polyamide glove with a knitted wrist</td>
</tr>
<tr>
<td>Base glove</td>
<td>Polyamide</td>
</tr>
<tr>
<td>Coating</td>
<td>Fingertips: fine elastomer coating, palm: transparent micro-dots</td>
</tr>
<tr>
<td>Colour</td>
<td>grey</td>
</tr>
<tr>
<td>Resistance</td>
<td>for dry areas</td>
</tr>
<tr>
<td>Model</td>
<td>60550</td>
</tr>
</tbody>
</table>

### UNIPUR MD

This new safety glove combines various technologies and design concepts to deliver an ideal product solution. The polyamide liner provides excellent dexterity and fit. The fingertips are finely coated to maximise grip and sense of touch. Thin micro-dots in the palm area ensure excellent grip and dexterity.

**Characteristics:**
- Flexible
- Exceptional dexterity
- High level of breathability

**Applications:**
- Fine assembly work

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>Unipur MD</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN</td>
<td>388 (0 1 3 1)</td>
</tr>
<tr>
<td>Sizes</td>
<td>7, 8, 9, 10 (M, L, XL, XXL)</td>
</tr>
<tr>
<td>Length approx.</td>
<td>21 - 25 cm</td>
</tr>
<tr>
<td>Construction</td>
<td>Five-finger, palm coated Polyamide glove with a knitted wrist</td>
</tr>
<tr>
<td>Base glove</td>
<td>Polyamide</td>
</tr>
<tr>
<td>Coating</td>
<td>Fingertips: fine elastomer coating, palm: transparent micro-dots</td>
</tr>
<tr>
<td>Colour</td>
<td>white</td>
</tr>
<tr>
<td>Resistance</td>
<td>for dry areas</td>
</tr>
<tr>
<td>Model</td>
<td>60550</td>
</tr>
</tbody>
</table>

### UNIPUR · Knitted safety gloves with PU coating

These safety gloves are extremely lightweight and flexible, offering outstanding dexterity. The inside of the hands and the fingertips are coated.

**Characteristics:**
- Flexible
- Outstanding dexterity
- Highly abrasion-resistant
- Mechanical strength

**Applications:**
- Fine assembly work
- Precision work

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>6630</th>
<th>6631</th>
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<tbody>
<tr>
<td>EN</td>
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<td>388 (0 1 4 1)</td>
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<tr>
<td>Sizes</td>
<td>7, 8, 9, 10</td>
<td>7, 8, 9, 10</td>
</tr>
<tr>
<td>Length approx.</td>
<td>22 - 27 cm</td>
<td>22 - 27 cm</td>
</tr>
<tr>
<td>Construction</td>
<td>Five-finger, knitted glove, palm and fingertips with polyurethane coating</td>
<td></td>
</tr>
<tr>
<td>Base glove</td>
<td>Knitted nylon</td>
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</tr>
<tr>
<td>Coating</td>
<td>Polyurethane</td>
<td></td>
</tr>
<tr>
<td>Colour</td>
<td>White/white coating, grey/grey coating</td>
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<tr>
<td>Resistance</td>
<td>for dry and slightly moist areas</td>
<td></td>
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<tr>
<td>Model</td>
<td>60173</td>
<td>60244</td>
</tr>
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</table>
Come with us to the future – helix safety gloves

uvex PROFAS makes compromise a thing of the past! helix safety gloves set new standards in protection, comfort, flexibility, dexterity and economy. Our new high-tech product concept combines all of these properties. Using it will increase your staff’s willingness to wear protective gloves and help to prevent accidents; only comfortable products are worn 100% of the time and that’s what we mean by optimum cut protection.

uvex helix – Made in Germany. The comfort class in cut protection by uvex PROFAS. Welcome to the future.

- Cut protection level 5 and 3
- First-class comfort
- High durability

Bamboo TwinFlex® Technology – High-tech for more comfort

- Robust and comfortable
- Bamboo – environmentally sustainable raw material
- Cooling effect

**Bamboo TwinFlex® Technology**

The patented Bamboo TwinFlex® protective function: cut-resistant glass fibres and abrasion-resistant polyamide guarantee optimum mechanical protection.

The patented Bamboo TwinFlex® comfort function: soft, comfortable bamboo thread for a silky feel and perfect temperature regulation combined with robust Dyneema® fibres for high tear resistance.

**Made in Germany**

uvex climazone – Significantly increased wearer acceptance

Wearer comfort and an improved microclimate are the ultimate benchmarks. In pursuit of continuous improvement, uvex climazone for hand protection is subject to ongoing development, in conjunction with market leading 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, gives an insight into thermo-physiological and skin sensory wearer comfort.

- Reduced sweating
- High breathability
- Much higher moisture absorption than other yarns

Natural dexterity – wherever you use them

In addition the intelligent use of new lining materials, perfect shape and fit is achieved by innovating a new flat ergo mould. These anatomically shaped moulds accurately replicate the hand improving the fit and dexterity of the glove.

- Anatomic shape
- Excellent grip
- Natural dexterity

Bamboo TwinFlex® technology is a registered brand of Profas GmbH & Co KG, Germany. Dyneema® is a registered trademark of Royal DSM N.V.
Excellent grip – uvex PROFAS grip technology

As experts in innovative coating technologies, we have developed innovative materials for the new helix range for use in all applications.

Three different coating materials are used in the helix range:

**High Performance Elastomer (HPE) SoftGrip Foam**

The HPE SoftGrip foam guarantees a maintained grip when used in dry and light oil conditions. This microporous coating is breathable providing a stable internal climate and a high degree of comfort. This coating is used in helix C3/C5 foam gloves.

**High Performance Elastomer (HPE) coating**

The liquid resistant HPE coating ensures the gloves are suitable for use in very wet or oily environments. It also holds its own in dry applications thanks to its excellent abrasion resistance. This coating is used in the helix C3/C5 wet and wet plus. With its extended coating coverage the helix C5 wet plus provides increased liquid protection.

**High Performance Vinyl (HPV) micro-nubs**

The new uvex Profas grip technology provides maximum comfort and dexterity thanks to its anatomical nub design with flexzones. The design has been optimised down to the fingertips to enable precision work and guarantee exceptional grip. It provides outstanding performance, temperature regulation, breathability and flexibility in dry applications.

The micro-nubs are made of high-performance vinyl (HPV). It goes without saying that this product is certified in accordance with Oeko-Tex Standard 100.
Mechanical risks

Cut protection safety glove with
Bamboo TwinFlex® technology · HELIX

helix C5

Characteristics
- Patented uvex Profas Bamboo TwinFlex® technology
- Innovative SoftGrip coating
- Very high cut protection (Cut 5)
- Highest wearing comfort due to uvex climazone
- Outstanding tactile feel
- High abrasion-resistance
- Flexible
- Silicone-free according to imprint test

Applications
- Metal industry
- Automobile industry
- Transportation work
- Assembly work
- Glass industry
- Maintenance and repair
- Shipping/logistics
- Brewery/beverage industry
- Paper industry
- Construction

Art. no. | helix C5 wet | helix C5 wet plus | helix C5 foam
---|---|---|---
EN | 388 (4 5 4 2) | 388 (4 5 4 2) | 388 (4 5 4 2)
SIZES | 7, 8, 9, 10 | 7, 8, 9, 10 | 7, 8, 9, 10
LENGTH APPROX. | 27 cm | 27 cm | 27 cm
CONSTRUCTION | Five-finger glove, ribbing, palm and fingertips coated | Five-finger knitted glove, partially coated back of hand | Five-finger glove, ribbing, palm and fingertips coated
BASE GLOVE | Bamboo-rayon/Dyneema®/glass/polyamide | Bamboo-rayon/Dyneema®/glass/polyamide | Bamboo-rayon/Dyneema®/glass/polyamide
COATING | High Performance Elastomer (HPE) wet | High Performance Elastomer (HPE) wet | SoftGrip foam
COLOUR | lime/anthracite | lime/anthracite | lime/anthracite
RESISTANCE | oil and grease-resistant | oil and grease-resistant | moisture-resistant
MODEL | 60492 | 60496 | 60494

helix C5 dry

Art. no. | helix C5 dry | helix C5 | helix C5 sleeve
---|---|---|---
EN | 388 (2 5 4 X) | 388 (2 5 4 X) | 388 (2 5 4 X)
SIZES | 7, 8, 9, 10 | 7, 8, 9, 10 | M, L
LENGTH APPROX. | 27 cm | 27 cm | 34 cm, 40 cm
CONSTRUCTION | Five-finger knitted glove, grip nubs on palm | Five-finger knitted glove | Undergarment protection with velcro fastening
BASE GLOVE | Bamboo-rayon/Dyneema®/glass/polyamide | Bamboo-rayon/Dyneema®/glass/polyamide | Bamboo-rayon/Dyneema®/glass/polyamide
COATING | High-performance vinyl (HPV), grip nubs | none | none
COLOUR | lime/anthracite | lime | lime
RESISTANCE | for dry areas | underglove | for dry areas
MODEL | 60499 | 60497 | 60491

Bamboo TwinFlex® technology is a registered brand of Profas GmbH & Co KG, Germany.
Dyneema® is a registered trademark of Royal DSM N.V.
Mechanical risks

Cut protection safety glove with Bamboo TwinFlex® technology · HELIX

helix C3

Characteristics
- Patented uvex Profas Bamboo TwinFlex® technology
- Innovative SoftGrip coatings
- Very high cut protection (Cut 3)
- Extremely comfortable thanks to uvex climazone
- Excellent dexterity
- High abrasion-resistance
- Flexible
- Silicone-free according to imprint test
- Certified according to Oeko-Tex Standard 100

Applications
- Automotive
- Engineering
- Aerospace
- Metal industry
- Maintenance
- Assembly
- Transport
- Construction
- Oil and Gas

Art. no. helix C3 wet helix C3 wet plus helix C3 carbon

EN 388 (4 3 4 2) 388 (4 3 4 2) 388 (4 3 4 2)
Sizes 7, 8, 9, 10 7, 8, 9, 10 7, 8, 9, 10
Length approx. 27 cm 27 cm 27 cm

Construction
Five-finger knitted glove, coated palm and fingertips
Five-finger knitted glove, partially coated palm and extended on reverse
Five-finger knitted glove, coated palm and fingertips

Base glove
Bamboo viscose/Dyneema®/glass/polyamide
Bamboo viscose/Dyneema®/glass/polyamide
Bamboo viscose/Dyneema®/glass/polyamide/Carbon

Coating
High Performance Elastomer (HPE)
High Performance Elastomer (HPE)
High-performance elastomer (HPE) foam with carbon nanotubes (CNT)

Colour anthracite anthracite anthracite

Resistance Light liquid resistant Light liquid resistant moisture-resistant

Model 60542 60546 60545

helix C3 foam

Art. no. helix C3 foam helix C3 dry

EN 388 (2 3 4 X) 388 (2 3 4 X)
Sizes 7, 8, 9, 10 7, 8, 9, 10
Length approx. 27 cm 27 cm

Construction
Five-finger knitted glove, coated palm and fingertips
Five-finger knitted glove, grip nubs on palm

Base glove
Bamboo viscose/Dyneema®/glass/polyamide
Bamboo viscose/Dyneema®/glass/polyamide

Coating
High Performance Elastomer (HPE), SoftGrip-Foam
High Performance Vinyl (HPV) grip nubs

Colour anthracite anthracite

Resistance Moisture-resistant For use in dry areas

Model 60544 60549

Bamboo TwinFlex® technology is a registered brand of Profas GmbH & Co KG, Germany.
Dyneema® is a registered trademark of Royal DSM N.V.
Mechanical risks

Cut protection safety glove with multi-layer technology

PROTECTOR WET – for oily applications

This high-quality NBR-coated safety glove is exceptionally comfortable to wear. Thanks to its multilayer technology cotton/Dyneema®/glass and its dual nitrile coating, it provides excellent cutting protection (level 5) and also achieves impressive resistance times and excellent ratings (levels 4 5 4 4) in the remaining EN 288 categories. The rough surface ensures exceptional grip.

Characteristics
- anatomical shape
- flexible
- outstanding cut protection
- comfortable fit
- excellent grip
- good resistance to oils

Applications
- sheet fabrication industry
- machine and tool construction
- all work with oil and high risk of cuts
- tasks with extreme mechanical stress

Art. no. NK2725 NK4025
EN 388 (4 5 4 4) 388 (4 5 4 4)
Sizes 9, 10 9, 10
Length approx. 27 cm 40 cm
Construction Five-finger glove, seamless coating, cuff
Base glove Sandwich liner cotton interlock (Dyneema®/glass/polyamide)
Coating Special NBR (nitrile butadiene rubber)
Colour orange orange
Resistance Good resistance to oil and grease
Model 60533 60534

Multi-Layer technology

NK 2725 Protector WET
- NBR impregnation for enhanced grip
- Extremely cut-resistant Dyneema®/glass/polyamide
- Nitrile coating to protect against oils and fluids
- Cotton layer for outstanding wearer comfort
- Surface of skin

NK 2715 Protector DRY
- NBR impregnation for enhanced grip
- Extremely cut-resistant Dyneema®/glass/polyamide
- Cotton layer for outstanding wearer comfort
- Surface of skin

NK 2725B Protector CHEMICAL
- NBR impregnation for enhanced grip
- Extremely cut-resistant Dyneema®/glass/polyamide
- Nitrile coating to protect against chemicals
- Cotton layer for outstanding wearer comfort
- Surface of skin

Dyneema® is a registered trademark of Royal DSM N.V.
Mechanical risks

Cut protection safety glove with multi-layer technology
PROTECTOR

PROTECTOR DRY – for dry applications

This high-quality NBR-coated safety glove is exceptionally comfortable to wear. Thanks to cotton/Dyneema®/glass multi-layer technology, it offers optimal cut resistance and outstanding endurance. The rough nitrile surface ensures exceptional grip.

Characteristics
- anatomical shape
- flexible
- outstanding cut protection
- comfortable fit
- excellent grip

Applications
- sheet fabrication industry
- machine and tool construction
- all work with high risk of cuts
- tasks with extreme mechanical stress

Art. no. NK2725B NK4025B
EN 388 (4 5 4 4) 388 (4 5 4 4)
Sizes 9, 10 9, 10
Length approx. 27 cm 40 cm
Construction Five-finger glove, seamless coating, cuff
Coating Special NBR (nitrile butadiene rubber)
Colour blue blue
Resistance Excellent resistance to grease, mineral oils and many chemicals
Model 60535 60536

PROTECTOR CHEMICAL – for chemical applications

This high-quality NBR-coated safety glove is exceptionally comfortable to wear. Thanks to cotton/Dyneema®/glass multi-layer technology and the double nitrile coating, it offers optimal cut resistance and chemical resistance plus outstanding endurance. The rough surface ensures exceptional grip.

Characteristics
- anatomical shape
- flexible
- outstanding cut protection
- comfortable fit
- excellent grip
- good resistance to many chemicals

Applications
- chemical industry
- machine and tool construction
- all work with high risk of cuts, or requiring chemical protection

Art. no. NK2715B NK4015B
EN 388 (4 5 4 4) 388 (4 5 4 4)
Sizes 9, 10 9, 10
Length approx. 27 cm 40 cm
Construction Five-finger glove, seamless coating, cuff
Base glove Sandwich liner cotton interlock/Dyneema®/glass/polyamide
Coating Special NBR (nitrile butadiene rubber)
Colour orange orange
Resistance for dry applications
Model 60531 60532

Dyneema® is a registered trademark of Royal DSM N.V.
Mechanical risks

Cut protection safety gloves

**UNIDUR**

**UNIDUR - Cut protection safety gloves with PU coating**

This safety glove is flexible and provides outstanding dexterity. Dyneema® fibre stands out due to its exceptional resistance to cuts. The palms and fingertips are coated with PU.

**Characteristics**
- flexible
- outstanding dexterity
- high abrasion resistance
- good cut resistance due to Dyneema® fibre
- mechanical strength

**Applications**
- metal industry
- automotive industry
- packaging
- glass industry

**Art. no.** 6641
**EN** 388 (4 3 4 3)
**Sizes** 7, 8, 9, 10
**Length approx.** 22 - 27 cm
**Construction** Five-finger glove, knitted cuff, palm and fingertips with polyurethane coating
**Base glove** Knitted Dyneema®
**Coating** Polyurethane
**Colour** white/grey coating
**Resistance for dry areas and slightly moist areas**
**Model** 60210

**UNIDUR - Cut protection safety gloves with NBR coating**

This safety glove is flexible and provides outstanding dexterity. It stands out due to its excellent resistance to cuts and abrasion. Palms and fingertips coated with NBR.

**Characteristics**
- flexible
- outstanding dexterity
- high abrasion resistance
- good cut resistance due to Dyneema® fibre
- mechanical strength
- coating is fluidproof against oil

**Applications**
- metal industry
- automotive industry
- packaging
- glass industry

**Art. no.** 6643
**EN** 388 (4 3 4 4)
**Sizes** 7, 8, 9, 10
**Length approx.** 22 - 27 cm
**Construction** Five-finger glove, knitted cuff, NBR coating on palm and fingertips
**Base glove** Knitted Dyneema®
**Coating** NBR (nitrile rubber)
**Colour** black
**Resistance** Resistant to oil, grease
**Model** 60314

Dyneema® is a registered trademark of Royal DSM N.V.
Mechanical risks

Safety gloves in top-quality leather

TOP GRADE

The uvex TOP GRADE glove range offers high-quality all-round, welding, winter and cut protection safety gloves for many different applications.

Consistently high-quality materials and durable workmanship guarantee excellent protection, outstanding comfort and cost-efficiency.

Perfect workmanship down to the smallest detail

Using high-quality leather

Consistently high-quality leather

Greater resistance times

Cost-efficiency

Durable workmanship

Outstanding comfort

Wearer acceptance

Satisfaction + safety

TOP GRADE 9300 · Split-leather safety glove

This model provides excellent protection with Kevlar® fabric on the palm and back of the hand.

Characteristics

- Excellent cut protection
- Puncture-resistant palm
- Outstanding comfort
- Consistently high-quality leather
- All seams made of Kevlar® thread

Applications

- Sheet metal processing
- Glass handling
- Assembly
- Plastic processing
- Metal processing

Art. no. 9300
EN 388 (4 4 4 4)
Sizes 10
Length approx. 27 cm
Leather thickness approx. 1.2 mm (+/- 0.1mm)
Construction Five-finger glove, durable split-leather hand and cuff, palm and back of hand protected with Kevlar® fabric, split-leather cuff
Base glove Kevlar® fabric
Colour blue
Model 60289

KEVLAR® is an E.I. du Pont de Nemours and Company brand
Mechanical risks

Safety gloves in top-quality leather

TOP GRADE

TOP GRADE 8000/8100/8400 · Full-grain leather safety glove

**Characteristics**
- Excellent mechanical abrasion resistance
- Exceptional grip on dry and (slightly) damp tools
- Outstanding comfort
- Fingertip, wrist and knuckle protection

**Applications**
- Manual work
- Light to medium metal processing
- Assembly
- Inspection

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>EN 388</th>
</tr>
</thead>
<tbody>
<tr>
<td>8000</td>
<td>3143</td>
</tr>
<tr>
<td>8100</td>
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<td>9, 10, 11</td>
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<table>
<thead>
<tr>
<th>Length approx.</th>
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<table>
<thead>
<tr>
<th>Leather thickness</th>
<th>approx. 1.1 mm (+/- 0.1mm)</th>
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</table>

<table>
<thead>
<tr>
<th>Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Five-finger glove, rubberised cuff, full-grain leather palm, index finger, fingertips, knuckle trim and thumb, double-stitched seams</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Base glove</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cotton on the palm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leather: beige</td>
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</table>

| Fabric cuff: blue and yellow stripes |

<table>
<thead>
<tr>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>60295</td>
</tr>
</tbody>
</table>

TOP GRADE 8300 · Split-leather safety glove

**Characteristics**
- Exceptional mechanical abrasion resistance
- Cut resistance
- Soft, supple leather
- Outstanding comfort

**Applications**
- Manual work
- Light to medium metal processing
- Assembly, inspection

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>EN 388</th>
</tr>
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<tbody>
<tr>
<td>8300</td>
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<tr>
<td>3143</td>
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<table>
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<tr>
<th>Sizes</th>
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<tbody>
<tr>
<td>9, 10, 11</td>
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<table>
<thead>
<tr>
<th>Length approx.</th>
<th>27 cm</th>
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</table>

<table>
<thead>
<tr>
<th>Leather thickness</th>
<th>approx. 0.9 mm (+/- 0.1mm)</th>
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<table>
<thead>
<tr>
<th>Construction</th>
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<tbody>
<tr>
<td>Five-finger glove, rubberised cuff, split-leather palm, index finger, fingertips, knuckle trim and thumb, double-stitched seams</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Base glove</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cotton on the palm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leather: grey</td>
</tr>
</tbody>
</table>

| Fabric cuff: blue and yellow stripes |

<table>
<thead>
<tr>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>60292</td>
</tr>
</tbody>
</table>

TOP GRADE 6000 · Full-grain leather winter safety glove

**Characteristics**
- Excellent dexterity
- Soft, smooth leather
- Exceptional insulation
- Outstanding comfort
- Thick, cotton stockinet lining

**Applications**
- Manual work
- (In cold environments)
- Construction
- (In cold environments)
- Assembly
- Inspection/maintenance

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>EN 388</th>
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<tr>
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<table>
<thead>
<tr>
<th>Leather thickness</th>
<th>approx. 1.2 mm (+/- 0.1mm)</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Construction</th>
</tr>
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<tbody>
<tr>
<td>Five-finger glove, rubberised cuff, full-grain leather palm, index finger, fingertips, knuckle trim and thumb, double-stitched seams</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Base glove</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thick cotton stockinet lining</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leather: grey</td>
</tr>
</tbody>
</table>

| Fabric cuff: blue and yellow stripes |

<table>
<thead>
<tr>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>60288</td>
</tr>
</tbody>
</table>
# Mechanical risks

**Safety gloves in top-quality leather**

**TOP GRADE 7000 · Full-grain leather welding safety glove**

A durable, full-grain leather welding safety glove.

**Characteristics**
- Excellent mechanical abrasion resistance, exceptional tear resistance
- Soft, comfortable leather
- Outstanding comfort
- Long cuff for underarm protection

**Applications**
- Manual work
- Welding
- Metal processing
- Construction

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>7000</th>
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<tbody>
<tr>
<td>EN</td>
<td>388 (2 1 2 2), 407</td>
</tr>
<tr>
<td>Sizes</td>
<td>10, 11</td>
</tr>
<tr>
<td>Length approx.</td>
<td>35 cm</td>
</tr>
<tr>
<td>Leather thickness</td>
<td>approx. 1.0 mm (+/- 0.1mm)</td>
</tr>
<tr>
<td>Construction</td>
<td>Five-finger glove, split-leather cuff, 100 % full-grain leather, triple-stitched seams with Kevlar® thread</td>
</tr>
<tr>
<td>Base glove</td>
<td>No lining</td>
</tr>
<tr>
<td>Colour</td>
<td>beige</td>
</tr>
<tr>
<td>Model</td>
<td>60287</td>
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</tbody>
</table>

**TOP GRADE 7200 · Split leather welding safety gloves**

An extremely durable, hard-wearing split-leather welding safety glove.

**Characteristics**
- Excellent mechanical abrasion resistance, exceptional tear resistance
- Excellent temperature resistance
- Puncture resistance
- Long cuff for underarm protection

**Applications**
- Foundry work
- Welding
- Metal processing
- Sheet metal processing

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>7200</th>
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<tbody>
<tr>
<td>EN</td>
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<tr>
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</tr>
<tr>
<td>Length approx.</td>
<td>35 cm</td>
</tr>
<tr>
<td>Leather thickness</td>
<td>approx. 1.3 mm (+/- 0.1mm)</td>
</tr>
<tr>
<td>Construction</td>
<td>Five-finger glove, 100 % split leather, Kevlar® threads</td>
</tr>
<tr>
<td>Base glove</td>
<td>100 % cotton</td>
</tr>
<tr>
<td>Colour</td>
<td>grey</td>
</tr>
<tr>
<td>Model</td>
<td>60297</td>
</tr>
</tbody>
</table>

**TOP GRADE 7100 · Nappa safety gloves**

High-quality, soft nappa safety glove.

**Characteristics**
- Outstanding dexterity
- Soft, supple, thin leather
- Superior comfort
- Long cuff for underarm protection

**Applications**
- Manual work
- Welding
- Assembly
- Inspection/maintenance

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>7100</th>
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<tbody>
<tr>
<td>EN</td>
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<tr>
<td>Length approx.</td>
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</tr>
<tr>
<td>Leather thickness</td>
<td>approx. 0.9 mm (+/- 0.1mm)</td>
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<tr>
<td>Construction</td>
<td>Five-finger glove, split-leather cuff, 100 % nappa, Kevlar® seams</td>
</tr>
<tr>
<td>Base glove</td>
<td>No lining</td>
</tr>
<tr>
<td>Colour</td>
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</tr>
<tr>
<td>Model</td>
<td>60286</td>
</tr>
</tbody>
</table>

**Satisfactory standards**

- EN 388
- EN 407
- EN 2011

**KEVLAR®** is an E.I. du Pont de Nemours and Company brand
A practical introductory seminar on industrial hand protection.

- Information on the legal and standard requirements for the use of safety gloves
- Information on the laws and regulations concerning chemical safety and the role they play when choosing the right 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, e.g. ESD and anti-static equipment
- Introduction to fibre technology: the advantages and uses of different fibres
- Practical demonstration of the protective qualities of different hand protection materials

Target group
Those responsible for the work-related health and safety of employees within a company, e.g. health and safety officers, specialist purchasers and representatives of employee groups.

For more information or to book a place, please visit [www.uvex-academy.de](http://www.uvex-academy.de), call +49 (0)911 9736 1710 or email academy@uvex.de
Chemical risks

Selecting the right hand protection

Practical solutions and reliable specialist advice are particularly important in the chemical field. Our services and consulting activities are oriented to your requirements. We conduct workplace analyses and draw up individual glove plans. In the chemical field, a standard resistance list provides the basis for selecting the right gloves. This list of resistance properties is permanently updated and is available in electronic file format.

In addition, our own laboratory has the facilities to test the permeation times of material blends and pure substances in comparison with various glove materials.

We would be glad to provide you with individual advice on workplace analysis and resistance lists.
Chemical risks

Supported safety gloves with NBR coating

RUBIFLEX S

RUBIFLEX S XG 35 B

The new, lightweight chemical-resistant safety glove with innovative xtra grip technology combines protection and grip with excellent comfort and flexibility.

In addition to a comfortable fit, stockinet chemical-resistant safety gloves provide excellent protection against chemicals and mechanical hazards.

Characteristics
- Exceptional dry and wet grip
- Multilayer design for excellent resistance time
- Ergonomic fit
- High flexibility
- Excellent resistance to many chemicals
- Ultra lightweight design
- Cotton lining for superior water vapour absorption

Applications
- Chemical industry
- Automotive industry
- Painting
- Laboratory work

Art. no. XG 35 B
EN 374, 388 (3 1 2 1)
Sizes 8, 9, 10, 11
Length approx. 35 cm
Construction Five-finger glove, cuff, seamless coating
Base glove Cotton interlock
Coating Special NBR (nitrile butadiene rubber) + XG grip coating
Thickness approx. 0.40 mm
Colour blue/black
Resistance Excellent resistance to grease, mineral oils and many chemicals
Model 60557

RUBIFLEX S (NB27B / NB35B)

The very lightweight chemical safety glove combines protection with outstanding wearer comfort and flexibility.

Apart from their comfort properties, supported chemical safety gloves provide good protection against chemical and mechanical risks.

Characteristics
- anatomic shape
- highly flexible
- good mechanical characteristics
- good resistance to many chemicals
- extremely lightweight
- good water vapour absorption due to the cotton lining
- outstanding feeling

Applications
- chemical industry
- automotive industry
- painting/coating
- laboratories

Art. no. NB27B NB35B
EN 374, 388 (2 1 1 1) 374, 388 (2 1 1 1)
Sizes 8, 9, 10, 11 8, 9, 10, 11
Length approx. 27 cm 35 cm
Construction Five-finger glove, cuff, seamless coating
Base glove Cotton interlock
Coating Special NBR (nitrile butadiene rubber)
Thickness approx. 0.40 mm 0.40 mm
Colour blue blue
Resistance Good resistance to grease, mineral oils and many chemicals
Model 60271 60224
Chemical risks

Supported safety gloves with NBR coating

RUBIFLEX S

The comfortable NBR safety glove, seamlessly coated in a reinforced design, with excellent chemical resistance and outstanding abrasion resistance.

Characteristics
- anatomic shape
- highly flexible
- very good mechanical characteristics
- excellent resistance to many chemicals, acids, alkalis, mineral oils and solvents
- good water vapour absorption due to the cotton lining

Applications
- chemical industry
- automotive industry
- metal processing industry
- mechanical industry
- sandblasting

RUBIFLEX S (long version)

Available up to 80 cm in length, with or without elastic collar at the cuff end.

Applications
- chemical industry
- municipal cleaning
- drainage construction

Art. no.

<table>
<thead>
<tr>
<th>NB27S</th>
<th>NB35S</th>
<th>NB40S</th>
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</thead>
<tbody>
<tr>
<td>EN</td>
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<tr>
<td>374, 388 (2 1 2 1)</td>
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<tr>
<td>8, 9, 10, 11</td>
<td>8, 9, 10, 11</td>
<td>8, 9, 10, 11</td>
</tr>
<tr>
<td>Length approx.</td>
<td>27 cm</td>
<td>35 cm</td>
</tr>
<tr>
<td>Base glove</td>
<td>Cotton interlock</td>
<td>Cotton interlock</td>
</tr>
<tr>
<td>Coating</td>
<td>Special NBR (nitrile butadiene rubber)</td>
<td>Special NBR (nitrile butadiene rubber)</td>
</tr>
<tr>
<td>Thickness approx.</td>
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<td>0.50 mm</td>
</tr>
<tr>
<td>Colour</td>
<td>green</td>
<td>green</td>
</tr>
<tr>
<td>Resistance</td>
<td>Excellent resistance to grease, mineral oils and many chemicals</td>
<td></td>
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</table>

Guante RUBIFLEX S (long version)

Art. no.

<table>
<thead>
<tr>
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<th>NB80S</th>
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<th>NB80SZ</th>
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<td>EN</td>
</tr>
<tr>
<td>374, 388 (2 1 2 1)</td>
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</tr>
<tr>
<td>Sizes</td>
<td>Sizes</td>
<td>Sizes</td>
<td>Sizes</td>
</tr>
<tr>
<td>9, 10, 11</td>
<td>9, 10, 11</td>
<td>9, 10, 11</td>
<td>9, 10, 11</td>
</tr>
<tr>
<td>Length approx.</td>
<td>60 cm</td>
<td>80 cm</td>
<td>60 cm</td>
</tr>
<tr>
<td>Construction</td>
<td>Five-finger glove, reinforced, seamless coating, cuff</td>
<td>Five-finger glove, reinforced, seamless coating, cuff, elastic collar at cuff end</td>
<td></td>
</tr>
<tr>
<td>Base glove</td>
<td>Cotton interlock</td>
<td>Cotton interlock</td>
<td>Cotton interlock</td>
</tr>
<tr>
<td>Coating</td>
<td>Special NBR (nitrile butadiene rubber)</td>
<td>Special NBR (nitrile butadiene rubber)</td>
<td>Special NBR (nitrile butadiene rubber)</td>
</tr>
<tr>
<td>Thickness approx.</td>
<td>0.50 mm</td>
<td>0.50 mm</td>
<td>0.50 mm</td>
</tr>
<tr>
<td>Colour</td>
<td>green</td>
<td>green</td>
<td>green</td>
</tr>
<tr>
<td>Resistance</td>
<td>Excellent resistance to grease, mineral oils and many chemicals</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Model
- 89646
- 98891
- 98902
A glove can only offer protection against occupational hazards if it is worn. It is also important to take product safety into consideration, as safety gloves can irritate the skin or lead to illness if they contain harmful substances.

Example: PVC safety gloves
PVC gloves are used in many areas of the chemical and mineral oil industries. For outdoor use in particular, they often provide the advantage of remaining flexible at cold temperatures. This flexibility is achieved by using large amounts of plasticisers, which can contain various (hazardous) additives from the phthalate family. Plasticisers in PVC are controversial and receive a great deal of negative press in connection with their presence in children’s toys and other everyday objects. PVC products containing ingredients of questionable safety cannot be certified in accordance with Oekotex Standard 100.

uvex Profas now offers safety gloves that remain flexible at low temperatures and do not contain hazardous phthalates, are certified in accordance with Oekotex Standard 100, fulfil the stringent criteria of the EU REACH chemical regulations, adhere to the threshold values set out in uvex’s list of hazardous substances and fulfil the requirements associated with their areas of application.

The aim in developing the new uvex Profas PVC coating was to provide users with the best-possible protection in the form of uvex Profas products that live up to the uvex group’s philosophy, “Protecting People”, and fulfil our responsibility to protect our customers, our employees and the environment.

It goes without saying that we still strive to maintain the same high levels of comfort and mechanical and chemical resistance in our safety glove products.

By developing the new HPV (high-performance vinyl) coating material, we managed to achieve this goal with the Profatrol/Profagrip range, the helix C3/C5 range and unipur carbon.

All of these ranges are setting new industry benchmarks!

### Chemical risks

**Safety comes first: tried-and-tested, German-made quality**

uvex Profas fully adheres to the guidelines specified by the REACH goals and their implementation. The REACH (Registration, Evaluation, Authorisation and restriction of Chemicals) regulation governs chemical use throughout the EU with the aim of protecting people’s health and the environment. As a manufacturer and importer, uvex/uvex Profas is obliged to evaluate hazards. The goal is to use chemicals which entail the lowest-possible risk to people and the environment. uvex/uvex Profas works closely and exchanges information with suppliers and manufacturers in order to ensure compliance with the REACH guidelines.

The **uvex hazardous substances list**

uvex products that come into contact with the skin, such as personal protective equipment, are required to fulfil particularly stringent criteria, which not only far exceed EU regulations, but are exemplary in terms of product safety and eco-friendliness. It is uvex’s policy to provide only those products that do not contain any hazardous substances or pose a threat to users or the environment.

To guarantee product safety in terms of materials used, the use of hazardous materials in uvex products is prohibited, or if unavoidable, only permissible to a strictly limited degree that completely rules out a risk to users and the environment. uvex has defined a list of hazardous substances and has the defined threshold values checked by independent scientific institutes on a regular basis.

### Protecting people’s health and the environment.

Plasticisers are added to PVC (polyvinyl chloride) to modify the hardness and suppleness. They are indispensable particularly in the manufacture of soft PVC, which is used in the coating of our Profatrol products. To create a PVC coating paste, PVC powder is mixed with liquid plasticisers (plastisol). When placed in a hot drying oven, the PVC powder dissolves completely in the plasticiser (gelation), creating a soft PVC coating. Plasticisers can be divided into material classes, including the phthalate family, which can be hazardous. However, there are now non-toxic plasticisers, which provide an alternative to phthalate plasticisers and are used in uvex Profas products.

### What you need to know about plasticisers

**Oeko-Tex Standard 100**

Oeko-Tex Standard 100 is a testing and certification system that is the same world-wide. The more intensively skin comes into contact with a product, the stricter the product requirements have to be, which is why gloves are subject to the second highest level, Class II. They are not only tested in accordance with legal standards, but also with the aid of the latest research findings. For this reason, Oeko-Tex not only defines stringent threshold values for heavy metals such as chrome, nickel and mercury, but also assesses the use of carcinogenic and allergenic dyes and solvents such as formaldehyde. Every year, testing methods and hazardous substances lists are updated to incorporate the latest scientific findings.

---

*Dr. Lurz/BE Rev. 00*
**Chemical risks**

*Supported safety gloves with HPV* coating

**PROFATROL · PROFAGRIP**

**PROFATROL**

An extremely durable and versatile safety glove, highly flexible, even in cold conditions, incorporating an anatomic shape and premium quality. The ideal glove for protection against mineral oils.

**Characteristics**
- Resistant to mineral oils
- Flexible in cold
- Excellent abrasion resistance
- Anatomic shape

**Applications**
- Mineral oil industry
- Chemical industry
- Hauliers

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>EN 374, 388 (3121)</th>
<th>EN 374, 388 (3121)</th>
<th>EN 374, 388 (3121)</th>
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<tr>
<td>Sizes</td>
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<td>9, 10, 11</td>
<td>9, 10, 11</td>
</tr>
<tr>
<td>Length approx.</td>
<td>27 cm</td>
<td>35 cm</td>
<td>40 cm</td>
</tr>
<tr>
<td>Construction</td>
<td>Five-finger glove, cuff, seamless coating</td>
<td>Five-finger glove, cuff, seamless coating</td>
<td>Five-finger glove, cuff, seamless coating</td>
</tr>
<tr>
<td>Base glove</td>
<td>Cotton interlock</td>
<td>Cotton interlock</td>
<td>Cotton interlock</td>
</tr>
<tr>
<td>Coating</td>
<td>HPV</td>
<td>HPV</td>
<td>HPV</td>
</tr>
<tr>
<td>Thickness approx.</td>
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<td>0.50 mm</td>
<td>0.50 mm</td>
</tr>
<tr>
<td>Colour</td>
<td>black</td>
<td>black</td>
<td>black</td>
</tr>
<tr>
<td>Resistance</td>
<td>Excellent resistance to mineral oils, grease, acids and alkalis</td>
<td>Excellent resistance to mineral oils, grease, acids and alkalis</td>
<td>Excellent resistance to mineral oils, grease, acids and alkalis</td>
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<tr>
<td>Model</td>
<td>98897</td>
<td>60192</td>
<td>98904</td>
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</table>

**PROFAGRIP**

Profagrip safety gloves are recommended for workplaces where slippery or oily objects need to be handled safely. Unlike Profatrol, Profagrip features a granulated surface.

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>PB27MG</th>
<th>PB35MG</th>
<th>PB40MG</th>
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<td>Sizes</td>
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<td>9, 10, 11</td>
<td>9, 10, 11</td>
</tr>
<tr>
<td>Length approx.</td>
<td>27 cm</td>
<td>35 cm</td>
<td>40 cm</td>
</tr>
<tr>
<td>Construction</td>
<td>Five-finger glove, cuff, seamless coating, granulated</td>
<td>Five-finger glove, cuff, seamless coating, granulated</td>
<td>Five-finger glove, cuff, seamless coating, granulated</td>
</tr>
<tr>
<td>Base glove</td>
<td>Cotton interlock</td>
<td>Cotton interlock</td>
<td>Cotton interlock</td>
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<tr>
<td>Coating</td>
<td>HPV</td>
<td>HPV</td>
<td>HPV</td>
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<tr>
<td>Thickness approx.</td>
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<td>0.50 mm</td>
<td>0.50 mm</td>
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<tr>
<td>Colour</td>
<td>black</td>
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</tr>
<tr>
<td>Resistance</td>
<td>Excellent resistance to mineral oils, grease, acids and alkalis</td>
<td>Excellent resistance to mineral oils, grease, acids and alkalis</td>
<td>Excellent resistance to mineral oils, grease, acids and alkalis</td>
</tr>
<tr>
<td>Model</td>
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<td>60193</td>
<td>60146</td>
</tr>
</tbody>
</table>

* HPV = High Performance Vinyl
Unsupported safety gloves made from NBR/PVC/chloroprene

PROFASTRONG · PROFASTAR · PROFAPREN

**PROFASTRONG**

Nitrile safety glove, proven in environments with acids, grease and solvents.

**Characteristics**
- outstanding abrasion resistance
- good grip for wet surfaces
- anatomic shape
- good dexterity

**Applications**
- printing industry
- chemical industry
- automotive industry
- food industry
- laboratories

**PROFASTAR**

This PVC safety glove is hardwearing and comfortable to wear thanks to the flocked cotton liner. It is used for cleaning tasks and rough, grimy manual work.

**Characteristics**
- good wearing characteristics
- mechanical load

**Applications**
- industry and manual work
- cleaning work
- production plants
- gardening
- fire damage clean-up
- waste removal
- high resistance to chemicals

**PROFAPREN**

High-quality unsupported chloroprene safety glove for use in protecting against a broad spectrum of different chemicals. The silicone-free safety glove provides an excellent balance of properties against chemical and mechanical risks.

**Characteristics**
- good combination of flexibility and strength
- resistance against a large number of chemicals and solvents

**Applications**
- chemical industry
- metal processing (cleaning)
- painting/coating
Chemical risks

Unsupported special chemical protection safety gloves

PROFABUTYL · PROFAVITON

PROFABUTYL

Manufactured from 100% butyl rubber, this glove offers protection against esters and ketones in particular.

Characteristics
- high impermeability to water vapour, gases and toxic substances
- flexible with good grip, even at low temperatures

Applications
- chemical industry

Butyl rubber has a high resistance to polar substances such as esters, ketones, aldehydes, amines and saturated salt solutions plus acids and hydroxides (diluted to concentrated).

Butyl: not resistant to oil, grease, aliphatic and aromatic hydrocarbons, chlorinated hydrocarbons.

PROFAVITON

This safety glove consists of a butyl rubber base layer and a Viton® outer layer measuring 0.2 mm in thickness. In total, the glove is 0.6 mm thick. It also provides excellent mechanical properties.

Characteristics
- highest impermeability to water vapour
- resistant to trichloro and per-chloroethane, oil, many solvents and chemicals

Applications
- chemical industry

The outer layer of Viton® is resistant to aliphatic and aromatic hydrocarbons (e.g. hexane, benzene, toluene, xylene), halogenated hydrocarbons (e.g. trichloroethylene, perchloroethylene, dichloromethane), organic and inorganic acids (diluted to concentrated) as well as saturated solutions of salts.

Viton®: not resistant to esters and ketones.
Disposable safety gloves
u-fit

The human hand is a marvel of nature which is just as well because it is often exposed to demanding external influences and dangers. With the u-fit product range, uvex PROFAS offers quality disposable safety gloves which guarantee a high degree of safety and functionality.

uvex PROFAS u-fit gloves offer reliable protection in many industry sectors, including the chemical, medical, service and food industries, enabling comfortable and precise work to be conducted. uvex PROFAS disposable safety gloves are available in two different materials to cater for this wide range of application areas:

u-fit nitrile and u-fit latex.

<table>
<thead>
<tr>
<th>Area of application</th>
<th>uvex PROFAS u-fit nitrile</th>
<th>uvex PROFAS u-fit latex</th>
</tr>
</thead>
<tbody>
<tr>
<td>Precision assembly work, dry</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>Precision assembly work, oily</td>
<td>+</td>
<td>-</td>
</tr>
<tr>
<td>Product protection</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>Gentle cleaning</td>
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<td>+</td>
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<tr>
<td>Examination work</td>
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<td>+</td>
</tr>
<tr>
<td>Food</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 (limited)</td>
</tr>
<tr>
<td>Paint shop</td>
<td>As splash protection</td>
<td>As splash protection</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solvents</th>
<th>u-fit nitrile</th>
<th>u-fit latex</th>
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</thead>
<tbody>
<tr>
<td>Aqueous saline solutions</td>
<td>Resistant</td>
<td>Limited resistance</td>
</tr>
<tr>
<td>Alkalis</td>
<td>Resistant</td>
<td>Resistant</td>
</tr>
<tr>
<td>Solids</td>
<td>Resistant</td>
<td>Limited resistance</td>
</tr>
<tr>
<td>Acids (highly concentrated)</td>
<td>Limited resistance</td>
<td>Not resistant</td>
</tr>
<tr>
<td>Acids (less concentrated)</td>
<td>Limited resistance</td>
<td>Not resistant</td>
</tr>
</tbody>
</table>

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

Material
- Material: Nitrile
- Material thickness approx. 0.12 mm
- Silicone-free
- Powder-free
- No latex proteins

Certification
- EN 374, EN 455
- Handling foodstuffs (LFGB and RAL certification)

Properties
- u-fit nitrile: Very good mechanical strength, Good chemical resistance (splashproof)
- u-fit latex: Good mechanical strength, Good chemical resistance (primarily solids), Good grip

Handling
- Dispenser box with large opening
- Reinforced rolled edge – easy to put on
Disposable safety gloves

u-fit nitrile

u-fit nitrile gloves fit snugly and are the perfect choice for precision work which also requires mechanical strength.

Characteristics
- Very good mechanical strength
- Reliable protection from splashes when working with chemicals in the form of acids, alkalis, solids and aqueous saline solutions
- Good grip
- Exceptional fit

Applications
- Precision assembly work
- Product protection
- Gentle cleaning
- Examination work
- Food
- Temporary contact with chemicals
- Paint shop (as splash protection)

Art. no. 60525
Certification EN 374 (Chemistry), EN 455 (Medicine), LFGB and RAL (Food)
Sizes S, M, L, XL
Length approx. 24 cm
Construction Five-finger glove, napped fingertips
Material Nitrile (silicone-free, powder-free)
Material thickness approx. 0.12 mm
Colour green
Resistance Highly resistant to grease and oil
Model 60525
Contents Box of 100

u-fit latex

u-fit latex gloves are highly functional safety gloves made of natural latex. Made from a very stretchy material, they adapt perfectly to the shape of the hand and offer excellent dexterity for all types of precision work.

Characteristics
- Outstanding dexterity
- Good chemical resistance (primarily solids)
- Protection from aqueous saline solutions
- Good grip

Applications
- Handling solids, e.g. in the lab
- Precision assembly work (dry)
- Product protection
- Gentle cleaning
- Examination work
- Food
- Temporary contact with chemicals (limited)
- Paint shop (as splash protection)

Art. no. 60526
Certification EN 374 (Chemistry), EN 455 (Medicine), LFGB and RAL (Food)
Sizes S, M, L, XL
Length approx. 24 cm
Construction Five-finger glove, powder-free, polymer inside coating
Material Latex, polymer inside coating (silicone-free, powder-free)
Material thickness approx. 0.12 mm
Colour white
Resistance Good mechanical strength, good chemical resistance (primarily solids)
Model 60526
Contents Box of 100
Safety gloves

Norms and markings

For mechanical risks

<table>
<thead>
<tr>
<th>Performance level</th>
<th>Abrasion resistance (in cycles)</th>
<th>Cut resistance (factor)</th>
<th>Tear resistance in N</th>
<th>Penetration in N</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>100</td>
<td>1.2</td>
<td>10</td>
<td>20</td>
</tr>
<tr>
<td>2</td>
<td>500</td>
<td>2.5</td>
<td>25</td>
<td>60</td>
</tr>
<tr>
<td>3</td>
<td>2000</td>
<td>5.0</td>
<td>50</td>
<td>100</td>
</tr>
<tr>
<td>4</td>
<td>8000</td>
<td>10.0</td>
<td>75</td>
<td>150</td>
</tr>
<tr>
<td>5</td>
<td>-</td>
<td>20.0</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

For chemical risks

Permeation
Permeation is the measure of the molecular penetration of the safety glove material. The amount of time the chemical takes to penetrate is specified in a protective index according to EN 374. The actual extent of protection in the workplace may vary considerably from those given in the EN 374 index. Your uvex PROFAS customer advisor will be happy to advise you!

<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>

EN 388 – Mechanical risks

EN 407 – Heat and fire

EN 374 (1-3) – Chemical risks

Letter symbol | Test chemical
---------------|------------------|
A              | Methanol         |
B              | Acetone          |
C              | Acetonitrile     |
D              | Dichloromethane  |
E              | Carbon disulphide|
F              | Toluene          |
G              | Diethylamine     |
H              | Tetrahydrofuran  |
I              | Ethyl acetate    |
J              | n-heptane        |
K              | Sodium hydroxide 40 %|
L              | Sulphuric acid 96 %|

The pictogram with the beaker stands for waterproof safety gloves with low protection against chemical dangers.

A glove is considered to be resistant to chemicals if it attains a protection index of at least Class 2 (i.e. > 30 min) with three test chemicals.

See accompanying instructions for use!

For chemical risks

Performance levels given in numbers:
the higher the number, the better the test results

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the higher the number, the better the test results

Resistance to large molten metal splash