

# Uvex

PROTECTING PEOPLE



## Safety gloves

*Single-handedly providing the expertise you need*

# Manufacturing and technology



## *Innovative hand protection solutions German quality*

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.



MADE IN GERMANY 

# cal expertise



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.



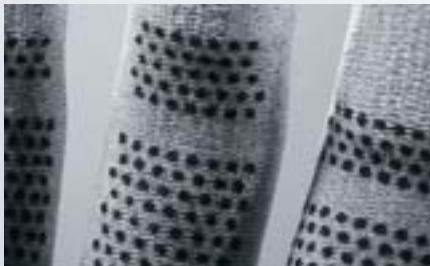
# uvex unipur carbon and

*Anti-static. High breathability. Outstanding grip.*



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.*



# uvex helix C3 carbon

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.

EN 1149-1:2006



DIN 61340-5-1

## 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.



HEAD PROTECTION



PROTECTIVE EYEWEAR



PROTECTIVE GLOVES



PROTECTIVE CLOTHING



SAFETY FOOTWEAR

# uvex climazone – climatic com



*Innovative climate management from head to toe*

Head protection



uvex airwing B with maximum ventilation surfaces

Protective eyewear



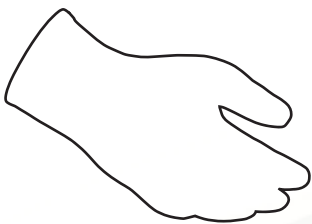
uvex super g – the lightest safety spectacles in the world

Breathing protection



uvex silv-Air climazone – with three-chamber system for increased comfort

Protective gloves



Protective clothing



uvex texpergo System SoftShell jacket – with innovative body zoning concept

Safety footwear

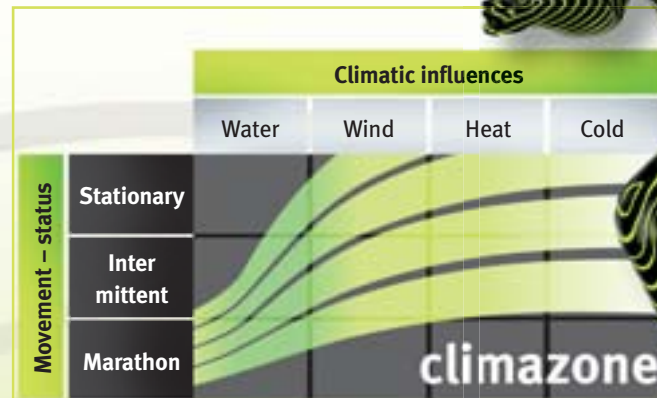


uvex xenova® climazone – pleasantly dry thanks to the new uvex bamboo liner

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.

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.

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.

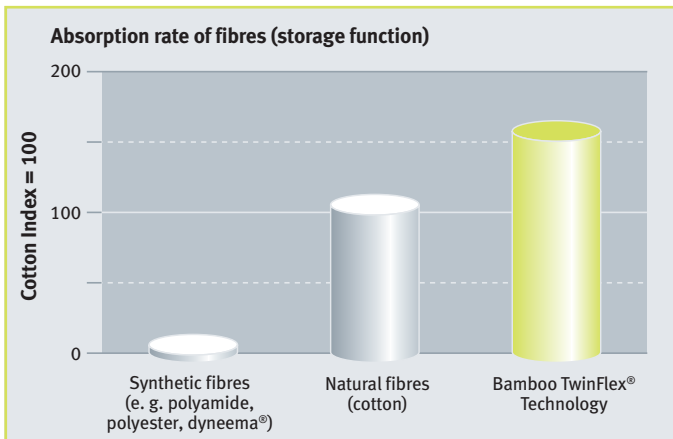
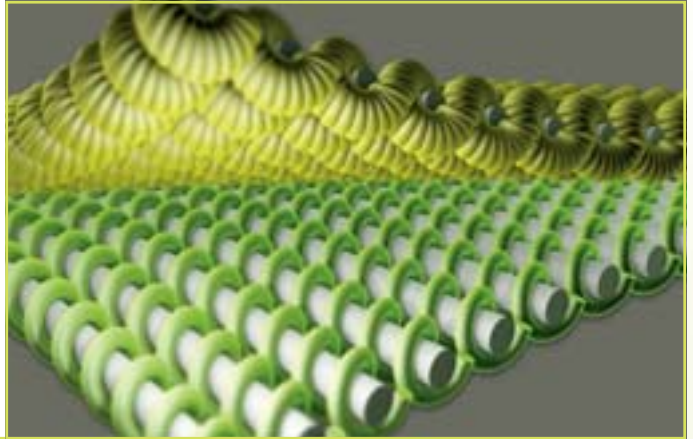


# fort guaranteed

**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.



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 **BambooTwinflex 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>et</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>et</sub> value: Resistance to moisture vapour transfer

Dyneema® 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

262 – 266



Rubipor XS



Rubipor Ergo range



Airflow Technology



Contact Ergo range



Profi Ergo range



Profi Ergo XG



Rubiflex



Compact range

### Heat/cut protection safety gloves

267



NK



K-Basic Extra



Profatherm range

### Knitted safety gloves

268 – 269



Unigrip range



Unilite



Unipur range



### Cut protection safety gloves

270 – 276



helix C5 range



helix C3 range



Protector range



Unidur range

### Leather safety gloves

277 – 279



Cut protection



Full-grain leather



Split leather



Welding protection

# PROFAS range

## Chemical risks

### Supported safety gloves

282 – 285

Coating: Nitrile

Coating: HPV



Rubiflex S

Rubiflex SZ



Rubiflex S



Rubiflex XG



Profatrol



Profagrip

### Unsupported safety gloves

286 – 287



Nitril  
Profastrong



PVC  
Profastar



Chloropren  
Profapren



Butyl  
Profabutyl



Butyl/Viton®  
Profaviton

### Disposable safety gloves

288 – 289



u-fit nitrile



u-fit latex

# Xtra Grip Technology

Secure grip. Excellent flexibility.

## XG Xtra Grip

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.

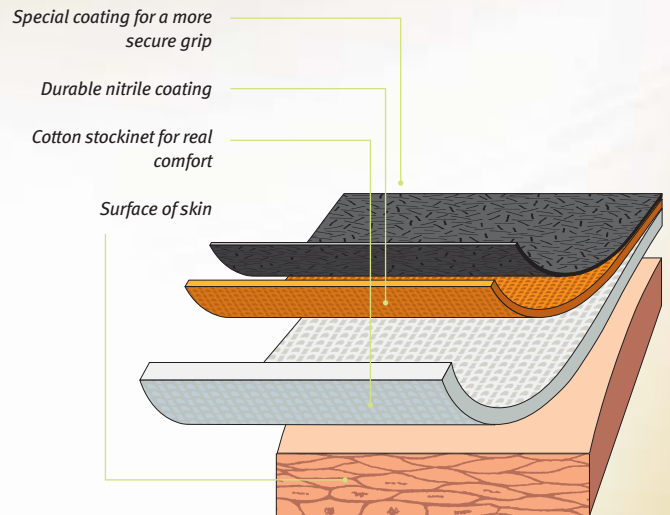


### uvex Profas RUBIFLEX XG 35 B

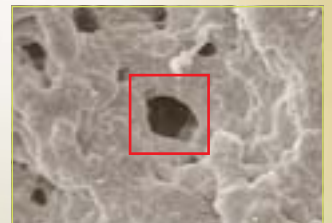
uvex provides maximum chemical protection with the supported RUBIFLEX XG 35 B.



### Multilayer design for greater safety



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



### 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.



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*Greater resistance time. Exceptional comfort.*



EN 388



3121



**uvex Profas PROFI ERGO XG 20 A**

*The PROFI ERGO XG 20 A 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 low	Coating strength high
 <p>RUBIPOR XS      RUBIPOR ERGO      AIRFLOW TECHNOLOGY</p>	 <p>CONTACT ERGO      PROFI ERGO      RUBIFLEX      PROFI ERGO XG      COMPACT</p>
Breathable NBR impregnation for predominately dry areas of use	Thick NBR coating for wet areas of use

## 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



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



**climazone**

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# Mechanical risks

## Supported safety glove with NBR impregnation RUBIPOR XS · RUBIPOR ERGO



XS 2001



XS 5001 B



**climazone**  
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### RUBIPOR XS

Developed elastic and ultra light-weight 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

EN 388



0121

Art. no.	XS 2001	XS 5001 B
EN	388 (0 1 2 1)	388 (0 1 2 1)
Sizes	7, 8, 9, 10	7, 8, 9, 10
Length approx.	27 cm	27 cm
Construction	Five-finger glove, knitted cuff, elastic backing material Breathable impregnation on palm, fingers and thumb	
Base glove	Cotton interlock / elastane	
Coating	Special NBR (nitrile butadiene rubber), Impregnation	
Colour	white	blue
Resistance	for dry applications	
Model	60276	60316

### 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



E 2001



ENB 2001



E 5001 B

EN 388



0121

Art. no.	E5001B	E2001	ENB2001
EN	388 (0 1 2 1)	388 (0 1 2 1)	388 (0 1 2 1)
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, knitted cuff, impregnated palm and fingers	Five-finger glove, knitted cuff, impregnated palm and fingertips	Five-finger glove, knitted cuff, impregnated palm and fingertips
Base glove	Cotton interlock	Cotton interlock	Cotton interlock
Coating	Special NBR (nitrile butadiene rubber), Impregnation		
Colour	blue	orange	white
Resistance	for dry applications		
Model	60201	60234	60145



**climazone**  
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# Mechanical risks

Supported safety glove with **Ergo shape**  
**CONTACT ERGO**



ENB 20 CE



ENB 20 C



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## 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



Art. no.	ENB20C	ENB20CE
EN	388 (2 1 2 1)	388 (2 1 2 1)
Sizes	7, 8, 9, 10	7, 8, 9, 10
Length approx.	27 cm	27 cm
Construction	Five-finger glove, knitted cuff, coating on palm and fingers	Five-finger glove, knitted cuff, coating on palm and fingertips
Base glove	Cotton interlock	Cotton interlock
Coating	Special NBR (nitrile butadiene rubber)	
Colour	orange	orange
Resistance	Good resistance to oil and grease	
Model	60150	60195



# Mechanical risks

## Supported safety glove with Ergo shape PROFI ERGO



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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



Art. no.	XG 20 A
EN	388 (3 1 2 1)
Sizes	7, 8, 9, 10
Length approx.	27 cm
Construction	Five-finger glove, knitted cuff, partially coated back
Base glove	Cotton interlock
Coating	Special NBR (nitrile butadiene rubber) + XG grip coating
Colour	orange/black
Resistance	Good resistance to oil and grease
Model	60558

### 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



ENB 20 A



ENB 20



ENB 2004



	ENB20A	ENB20	ENB2004
Art. no.	ENB20A	ENB20	ENB2004
EN	388 (2 1 2 1)	388 (2 1 2 1)	388 (2 1 2 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, knitted cuff, partially coated back	Five-finger glove, knitted cuff, fully coated back	Five-finger glove, knitted cuff, partially coated back
Base glove	Cotton interlock	Cotton interlock	Cotton interlock, reinforced
Coating	Special NBR (nitrile butadiene rubber)		
Colour	orange	orange	orange
Resistance	Good resistance to oil and grease		
Model	60147	60148	60233



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# Mechanical risks

## Supported safety glove with **NBR coating** **RUBIFLEX · COMPACT**



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### RUBIFLEX

Very high-quality NBR-coated safety glove. Highly flexible with excellent dexterity, exceptionally hard-wearing and durable.

#### 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.	NB27	NB35	NB40
EN	388 (3 1 1 1)	388 (3 1 1 1)	388 (3 1 1 1)
Sizes	7, 8, 9, 10	7, 8, 9, 10	7, 8, 9, 10
Length approx.	27 cm	35 cm	40 cm
Construction	Five-finger glove, cuff, seamless coating		
Base glove	Cotton interlock		
Coating	Special NBR (nitrile butadiene rubber)		
Colour	orange	orange	orange
Resistance	Good resistance to oil and grease		
Model	89636	60235	60230

### COMPACT

A particularly robust safety glove with exceptional abrasion and tear resistance. Suitable for manual tasks involving raw materials.

#### 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.	NB27E	NB27G	NB27H
EN	388 (4 2 2 1)	388 (4 2 2 1)	388 (4 2 2 1)
Sizes	10	10	10
Length approx.	27 cm	27 cm	27 cm
Construction	Five-finger glove, canvas cuff, partially coated	Five-finger glove, knitted cuff, partially coated	Five-finger glove, canvas cuff, fully coated
Base glove	Jersey cotton	Jersey cotton	Jersey cotton
Coating	NBR (nitrile butadiene rubber)		
Colour	blue	blue	blue
Resistance	Good resistance to oil and grease		
Model	98899	89650	98900



NB 27 E



NB 27 G



NB 27 H

# Mechanical risks

## Heat/cut protection safety gloves

### NK · K-BASIC EXTRA · PROFATHERM

Cut and heat-resistant



Sandwich lining

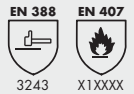


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#### NK

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.

The glove also provides heat resistance and is suitable for contact heat up to +100 °C (EN 407).



Art. no.	NK 2722	NK 4022
EN	388 (3 2 4 3), 407	388 (3 2 4 3), 407
Sizes	9, 10	9, 10
Length approx.	27 cm	40 cm
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.

#### Characteristics

- very good protection against cut injuries
- additional cotton cladding
- comfortable to wear

#### Applications

- metal processing
- automotive industry
- glass industry
- foundries



Cotton cladding



Art. no.	6658
EN	388 (1 3 4 X)
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	60179

#### PROFATHERM

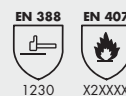
Safety gloves made of cotton terry are ideal for many applications including protection against heat, cold and cuts. They are suitable for contact heat of up to +250 °C (EN 407).

#### Characteristics

- good temperature insulation
- good protection against cut injuries
- breathable
- comfortable to wear

#### Applications

- steel industry
- foundries
- metal processing
- plastics industry



Art. no.	XB20	XB27	XB30	XB37
EN	388 (1 2 3 0), 407	388 (1 2 3 0), 407	388 (1 2 3 0), 407	388 (1 2 3 0), 407
Sizes	11	11	11	11
Length approx.	27 cm	27 cm	30 cm	37 cm
Construction	Five-finger glove, knitted cuff	Mitt, cuff	Five-finger glove, cuff	Five-finger glove, canvas cuff
Base glove	Cotton terry			
Resistance	Resistant to cuts, insulation against heat and cold			
Model	98932	60912	89655	60911



XB 20

XB 27

XB 30

XB 37

# Mechanical risks

## Knitted safety gloves

### UNIGRIP · UNILITE · UNIPUR



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

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



214X



2231



324X

Art. no.	6620	6622	6624
EN	388 (2 1 4 X)	388 (2 2 3 1)	388 (3 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	60135	60236	60238

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

Knitted safety glove with microporous nitrile foam coating.

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

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



4122

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 microporous 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



#### 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



4133

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



# Mechanical risks

## Knitted safety gloves UNIPUR carbon · UNIPUR MD · UNIPUR



### 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.

#### Applications

- Fine assembly work
- Electronics
- Installation of electronic components



Art. no.	Unipur carbon
EN	388 (0 1 3 1)
Sizes	7, 8, 9, 10
Length approx.	21 - 25 cm
Construction	Five-finger knitted glove, palm with micro-nubs, elastomer-coated fingertips
Base glove	Polyamide/carbon
Coating	Fingertips: thin elastomer coating, palm: micro-nubs
Colour	grey
Resistance	for dry areas
Model	60556

#### Characteristics

- Anti-static safety glove
- Exceptional dexterity
- Excellent dry grip

### 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 ensures excellent grip and dexterity.

#### Characteristics:

- Flexible
- Exceptional dexterity
- High level of breathability

#### Applications:

- Fine assembly work

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



### 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



Art. no.	6630	6631
EN	388 (4 1 4 1)	388 (4 1 4 1)
Sizes	7, 8, 9, 10	7, 8, 9, 10
Length approx.	22 - 27 cm	22 - 27 cm
Construction	Five-finger glove, knitted cuff, palm and fingertips with polyurethane coating	
Base glove	Knitted nylon	Knitted nylon
Coating	Polyurethane	Polyurethane
Colour	white/white coating	grey/grey coating
Resistance	dry and slightly moist areas	
Model	60173	60244



6630

6631

# helix safety gloves

*The comfort class*

## *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**

**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 on-going 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**



## *Bamboo TwinFlex® Technology – High-tech for more comfort*

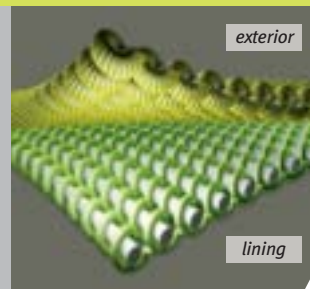
- **Robust and comfortable**
- **Bamboo – environmentally sustainable raw material**
- **Cooling effect**



### 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.



Double Face Prinzip

### Polyamide (abrasion resistance)



Glass (cut protection level 5 and 3)

### Bamboo (comfort)



Dyneema® (tear resistance)

## *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**



# helix safety gloves

## High performance for highest protection

### 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.



**Perfect dexterity**  
**for working**  
**Extremely flexible**

# Mechanical risks

Cut protection safety glove with Bamboo TwinFlex® technology · HELIX



helix C5 wet



helix C5 wet plus

helix C5 foam

helix C5 dry

helix C5



helix C5 sleeve



MADE IN GERMANY

## 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	High Performance Elastomer (HPE), SoftGrip foam
Colour	lime/anthracite	lime/anthracite	lime/anthracite
Resistance	oil and grease-resistant	oil and grease-resistant	moisture-resistant
Model	60492	60496	60494



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	Underarm 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



# 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



helix C3 wet

helix C3 carbon



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 wet plus

helix C3 foam

helix C3 dry



Art. no.	helix C3 foam	helix C3 dry
EN	388 (4 3 4 2)	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



MADE IN GERMANY

# Mechanical risks

## Cut protection safety glove with *multi-layer technology* PROTECTOR



NK2725

NK4025



MADE IN GERMANY

### 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

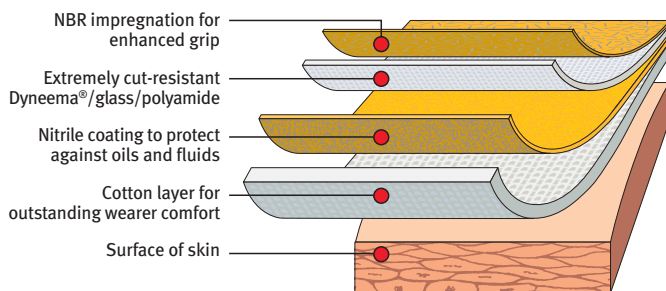
- sheet fabrication industry
- machine and tool construction
- all work with oil and high risk of cuts
- tasks with extreme mechanical stress



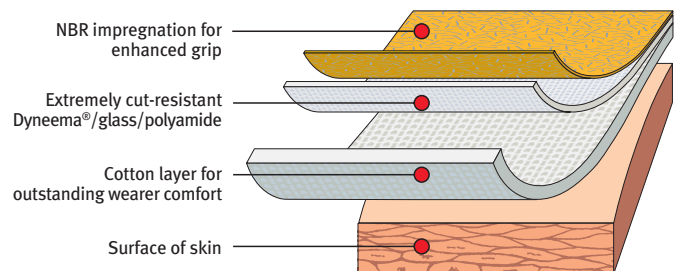
Art. no.	NK2725	NK4025
EN	388 (4 5 4 4)	388 (4 5 4 4)
Sizes	9, 10	9, 10
Length approx.	27 cm	40 cm
Construction	Five-finger glove, seamless coating, cuff	
Base glove	Sandwich liner cotton interlock/Dyneema®/glass/polyamide	
Coating	Special NBR (nitrile butadiene rubber)	
Colour	orange	orange
Resistance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

### Multi-Layer technology

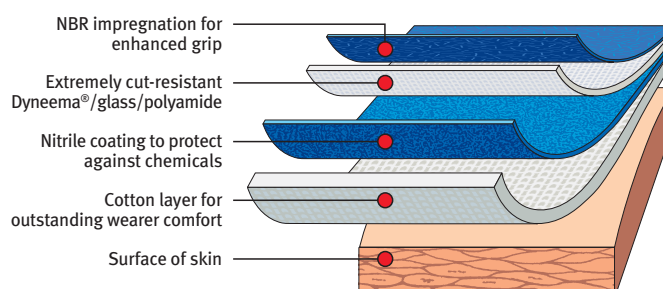
#### NK 2725 Protector WET



#### NK 2715 Protector DRY



#### NK 2725B Protector CHEMICAL



# Mechanical risks

## Cut protection safety glove with multi-layer technology PROTECTOR

### PROTECTOR DRY – for dry applications



NK2715

NK4015

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.	NK2715	NK4015
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



MADE IN GERMANY

### 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

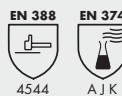
#### Applications

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



NK2725B

NK4025B



Art. no.	NK2725B	NK4025B
EN	388 (4 5 4 4), 374	388 (4 5 4 4), 374
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	blue	blue
Resistance	Excellent resistance to grease, mineral oils and many chemicals	
Model	60535	60536



MADE IN GERMANY

# 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



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



# Mechanical risks

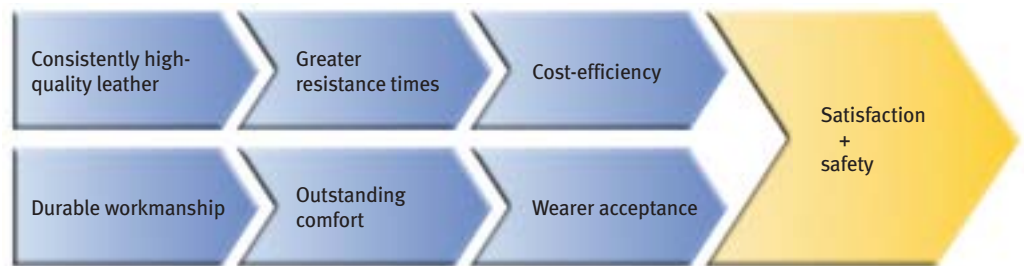
## Safety gloves in top-quality leather

### 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



#### 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

# 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



Art. no.	8000	8100	8400
EN	388 (3 1 4 3)	388 (3 1 2 2)	388 (2 1 3 3)
Sizes	9, 10, 11	9, 10, 11	8, 9, 10, 11, 12
Length approx.	27 cm	27 cm	27 cm
Leather thickness	approx. 1.1 mm (+/- 0.1mm)	approx. 1.3 mm (+/- 0.1mm)	approx. 1.1 mm (+/- 0.1mm)
Construction	Rubberised cuff, full-grain leather palm, index finger, fingertips, knuckle trim and thumb, double-stitched seams	Five-finger glove, rubberised cuff, full-grain leather palm, fingers and 3/4 of the back of the hand, double-stitched seams	Five-finger driving glove, 100 % full-grain leather
Base glove	Cotton on the palm		
Colour	Leather: beige Fabric cuff: blue and yellow stripes	Leather: beige Fabric cuff: blue and yellow stripes	Leather: beige
Model	60295	60294	60291

### 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



Art. no.	8300
EN	388 (4 1 2 2)
Sizes	9, 10, 11
Length approx.	27 cm
Leather thickness	approx. 0.9 mm (+/- 0.1mm)
Construction	Five-finger glove, rubberised cuff, split-leather palm, index finger, fingertips, knuckle trim and thumb, double-stitched seams
Base glove	Cotton on the palm
Colour	Leather: grey Fabric cuff: blue and yellow stripes
Model	60292



### 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



Art. no.	6000
EN	388 (3 2 3 2)
Sizes	10
Length approx.	27 cm
Leather thickness	approx. 1.2 mm (+/- 0.1mm)
Construction	Five-finger glove, rubberised cuff, full-grain leather palm, index finger, fingertips, knuckle trim and thumb, double-stitched seams
Base glove	Thick cotton stockinet lining
Colour	Leather: grey / fabric cuff: blue and yellow stripes
Model	60288

Thick, cotton stockinet lining



# Mechanical risks

## Safety gloves in top-quality leather

### TOP GRADE

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



Triple-stitched seams with Kevlar® thread



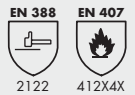
A durable, full-grain leather welding safety glove.

**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



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

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

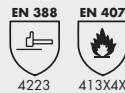
An extremely durable, hard-wearing split-leather welding safety glove.

**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



Art. no.	7200
EN	388 (4 2 2 3), 407
Sizes	10
Length approx.	35 cm
Leather thickness	approx. 1.3 mm (+/- 0.1mm)
Construction	Five-finger glove, 100 % split leather, Kevlar® threads
Base glove	100 % cotton
Colour	black
Model	60297



#### 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



Art. no.	7100
EN	388 (2 0 1 1)
Sizes	9, 10, 11
Length approx.	35 cm
Leather thickness	approx. 0.9 mm (+/- 0.1mm)
Construction	Five-finger glove, split-leather cuff, glove 100 % nappa, Kevlar® seams
Base glove	No lining
Colour	grey
Model	60286

# uvex academy

## *Hand protection on the job*



### 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](mailto: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



MADE IN GERMANY

### RUBIFLEX S XG 35 B

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

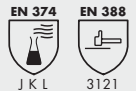
In addition to a comfortable fit, stockinet chemical-resistant safety gloves provide excellent protection against chemicals and mechanical hazards.

#### 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.

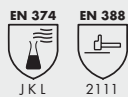
Apart from their comfort properties, supported chemical safety gloves provide good protection against chemical and mechanical risks.

#### 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



Lightweight and flexible



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# Chemical risks

## Supported safety gloves with NBR coating RUBIFLEX S

Reinforced construction



MADE IN GERMANY

### RUBIFLEX S

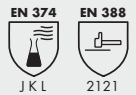
The comfortable NBR safety glove, seamlessly coated in a reinforced design, with excellent chemical resistance and outstanding abrasion resistance.

#### 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



Art. no.	NB27S	NB35S	NB40S
EN	374, 388 (2 1 2 1)	374, 388 (2 1 2 1)	374, 388 (2 1 2 1)
Sizes	8, 9, 10, 11	8, 9, 10, 11	8, 9, 10, 11
Length approx.	27 cm	35 cm	40 cm
Construction	Five-finger glove, reinforced, cuff, seamless coating		
Base glove	Cotton interlock		
Coating	Special NBR (nitrile butadiene rubber)		
Thickness approx.	0.50 mm	0.50 mm	0.50 mm
Colour	green	green	green
Resistance	Excellent resistance to grease, mineral oils and many chemicals		
Model	89646	98891	98902

### RUBIFLEX S (long version)

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

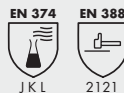
#### Applications

- chemical industry
- municipal cleaning
- drainage construction



NB 60S

NB 60SZ



Art. no.	NB60S	NB80S	NB60SZ	NB80SZ
EN	374, 388 (2 1 2 1)	374, 388 (2 1 2 1)	374, 388 (2 1 2 1)	374, 388 (2 1 2 1)
Sizes	9, 10, 11	9, 10, 11	9, 10, 11	9, 10, 11
Length approx.	60 cm	80 cm	60 cm	80 cm
Construction	Five-finger glove, reinforced, seamless coating, cuff		Five-finger glove, reinforced, seamless coating, elastic collar at cuff end	
Base glove	Cotton interlock		Cotton interlock	
Coating	Special NBR (nitrile butadiene rubber)		Special NBR (nitrile butadiene rubber)	
Thickness approx.	0.50 mm	0.50 mm	0.50 mm	0.50 mm
Colour	green	green	green	green
Resistance	Excellent resistance to grease, mineral oils and many chemicals			
Model	89647	60190	89651	60191



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# Chemical risks

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

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 Oeko-Tex Standard 100.

uvex Profas now offers safety gloves that remain flexible at low temperatures and

1. do not contain hazardous phthalates,
2. are certified in accordance with Oeko-Tex Standard 100,
3. fulfil the stringent criteria of the EU REACH chemical regulations,
4. adhere to the threshold values set out in uvex's list of hazardous substances and
5. 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!**

## Protecting people's health and the environment.



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.



## 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.

## 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.



## What you need to know about plasticisers

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.

# Chemical risks

## Supported safety gloves with HPV\* coating PROFATROL · PROFAGRIP



PB 27 M



PB 35 M

PB 40 M



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### PROFATROL

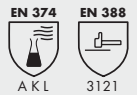
An extremely durable and versatile safety glove, highly flexible, even in cold conditions, incorporating an anatomic shape and premium quality. The ideal glove for protection against mineral oils.

#### Characteristics

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

#### Applications

- Mineral oil industry
- Chemical industry
- Hauliers



Art. no.	PB27M	PB35M	PB40M
EN	374, 388 (3 1 2 1)	374, 388 (3 1 2 1)	374, 388 (3 1 2 1)
Sizes	9, 10, 11	9, 10, 11	9, 10, 11
Length approx.	27 cm	35 cm	40 cm
Construction	Five-finger glove, cuff, seamless coating		
Base glove	Cotton interlock	Cotton interlock	Cotton interlock
Coating	HPV	HPV	HPV
Thickness approx.	0.50 mm	0.50 mm	0.50 mm
Colour	black	black	black
Resistance	Excellent resistance to mineral oils, grease, acids and alkalis		
Model	98897	60192	98904

### 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.

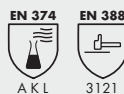


Granulated

PB 35 MG

PB 40 MG

PB 27 MG



Art. no.	PB27MG	PB35MG	PB40MG
EN	374, 388 (3 1 2 1)	374, 388 (3 1 2 1)	374, 388 (3 1 2 1)
Sizes	9, 10, 11	9, 10, 11	9, 10, 11
Length approx.	27 cm	35 cm	40 cm
Construction	Five-finger glove, cuff, seamless coating, granulated		
Base glove	Cotton interlock	Cotton interlock	Cotton interlock
Coating	HPV	HPV	HPV
Thickness approx.	0.50 mm	0.50 mm	0.50 mm
Colour	black	black	black
Resistance	Excellent resistance to mineral oils, grease, acids and alkalis		
Model	89675	60193	60146



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\* HPV = High Performance Vinyl

# Chemical risks

## 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



Art. no.	NF33
EN	374, 388 (4 1 0 1)
Sizes	7, 8, 9, 10
Length approx.	33 cm
Construction	Five-finger glove, cuff, patterned inside hand
Base glove	Flocked cotton
Coating	NBR
Thickness approx.	0.38 mm
Colour	green
Resistance	Good resistance to oils, grease, acids and solvents
Model	60122

### 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

Art. no.	PF32A
EN	374, 388 (3 0 0 0)
Sizes	7, 8, 9, 10
Length approx.	31 cm
Construction	Five-finger glove, cuff, patterned inside hand, roughened surface
Base glove	Flocked cotton
Coating	PVC
Thickness approx.	0.40 mm
Colour	yellow
Resistance	Good resistance to petrol, oil, powerful washing and cleaning agents, alcohol, diluted acids and alkalis
Model	89641



### 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

Art. no.	CF33
EN	374, 388 (3 1 3 1)
Sizes	7, 8, 9, 10
Length approx.	33 cm
Construction	Five-finger glove, cuff, patterned inside hand
Base glove	Flocked cotton
Coating	Polychloroprene (latex on the inside)
Thickness approx.	0.75 mm
Colour	dark blue
Resistance	Good resistance to many chemicals
Model	60119



# Chemical risks

## Unsupported special chemical protection safety gloves PROFABUTYL · PROFAVITON



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### PROFABUTYL

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

#### Characteristics

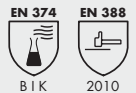
- high impermeability to water vapour, gases and toxic substances
- flexible with good grip, even at low temperatures

#### 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.**



Art. no.	B05R
EN	374, 388 (2 0 1 0)
Sizes	9, 10, 11
Length approx.	35 cm
Construction	Five-finger glove, cuff, seamless coating, rolled seam
Base glove	unsupported
Coating	Brombutyl rubber
Thickness approx.	0.50 mm
Colour	black
Model	60243

### 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 perchloroethane, 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.**



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Art. no.	BV06
EN	374, 388 (2 0 0 1)
Sizes	9, 10, 11
Length approx.	35 cm
Construction	Five-finger glove, cuff, seamless coating, rolled seam
Base glove	unsupported
Coating	Brombutyl rubber with Viton® layer
Thickness approx.	0.60 mm (Butyl approx. 0.4 mm + Viton® 0.2 mm)
Colour	black
Model	60222

# Chemical risks

## 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.

	uvex PROFAS u-fit nitrile	uvex PROFAS u-fit latex
Material	Nitrile	Latex with polymer inside coating
	Material thickness approx. 0.12 mm	
	Silicone-free	
	Powder-free	
	No latex proteins	With latex proteins
Certification	EN 374, EN 455	
	Handling foodstuffs (LFGB and RAL certification)	
Properties	Very good mechanical strength Good chemical resistance (splashproof)	Good mechanical strength Good chemical resistance (primarily solids)
	Good grip	
Handling	Dispenser box with large opening	
	Reinforced rolled edge – easy to put on	

Area of application	uvex PROFAS u-fit nitrile	uvex PROFAS u-fit latex
Precision assembly work, dry	+	+
Precision assembly work, oily	+	-
Product protection	+	+
Gentle cleaning	+	+
Examination work	+	+
Food	+	+
Chemicals	Short-term work, in acc. with resistance list	Short-term work, in acc. with resistance list (limited)
Paint shop	As splash protection	As splash protection



	u-fit nitrile	u-fit latex
Solvents	Yellow	Red
Aqueous saline solutions	Green	Green
Alkalis	Yellow	Yellow
Solids	Green	Green
Acids (highly concentrated)	Yellow	Red
Acids (less concentrated)	Green	Yellow

■ Resistant     
 ■ Limited resistance     
 ■ Not resistant

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



# Chemical risks

## Disposable safety gloves u-fit



### 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 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.	u-fit nitrile
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)

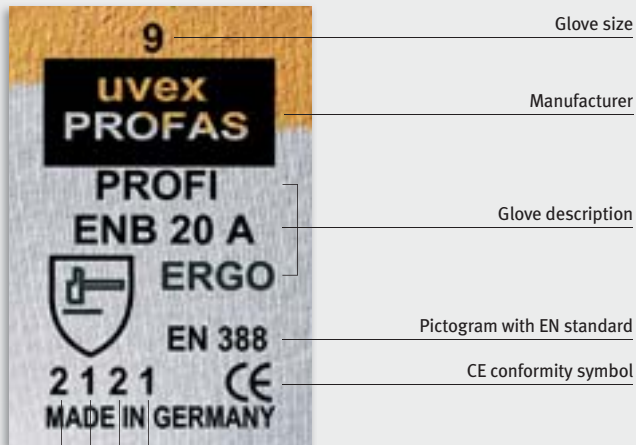


Art. no.	u-fit latex
Certification	EN 374 (Chemistry), EN 455 (Medicine), LFGB and RAL (Food)
Sizes	S, M, L, XL
Length approx.	24 cm
Construction	Five-finger glove, powder-free, polymer inside coating
Material	Late, polymer inside coating (silicone-free, powder-free)
Material thickness approx.	0.12 mm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

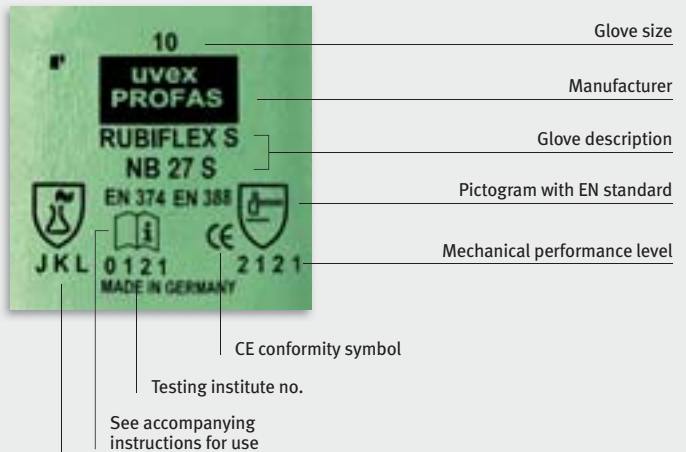
# Safety gloves

## Norms and markings

### For mechanical risks



### For chemical risks



The letters symbolise the test chemicals for which the glove achieved at least the Class 2 protection index.

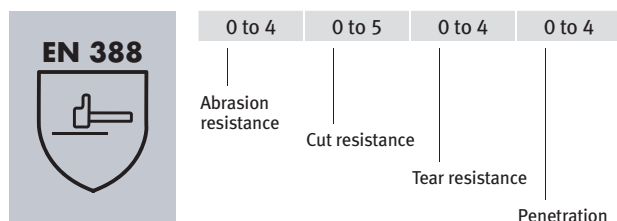
#### Permeation

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!

Test	Abrasion resistance (in cycles)	Cut resistance (factor)	Tear resistance in N	Penetration in N
Performance level 1	100	1.2	10	20
2	500	2.5	25	60
3	2000	5.0	50	100
4	8000	10.0	75	150
5	-	20.0	-	-

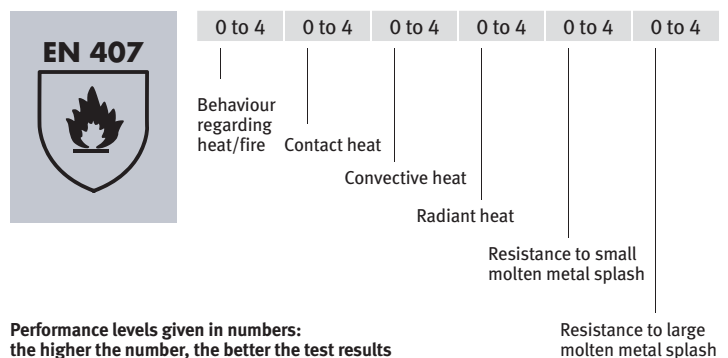
Time measured to penetration	Protection index
> 10 min	Class 1
> 30 min	Class 2
> 60 min	Class 3
> 120 min	Class 4
> 240 min	Class 5
> 480 min	Class 6

### EN 388 – Mechanical risks



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

### EN 407 – Heat and fire



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

### 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	Tetrahydrofurane
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.



Please consult the accompanying instructions for use!

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.