

A smiling man wearing a white hard hat, safety glasses, and blue gloves. He is in a workshop setting with shelves and equipment in the background. The UVEX logo is in the top left corner.

uvex

Glove Selection Guide

Southern Africa

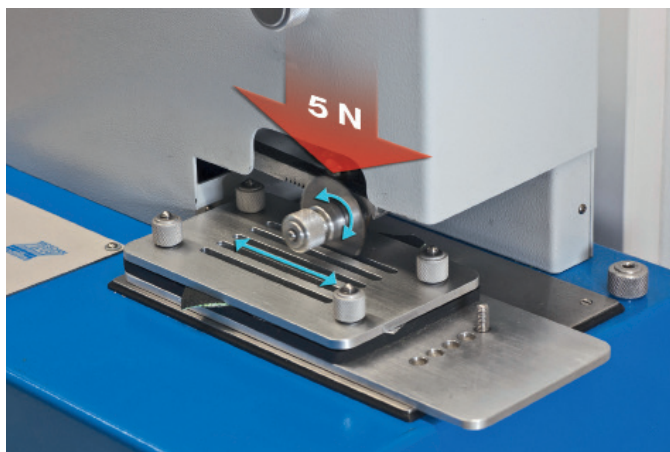
protecting people

New classification of cut-protection gloves

Modification to the standard for cut protection gloves

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

Test procedure in accordance with EN 388:2003



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

| Performance class | 1 | 2 | 3 | 4 | 5 |
|-------------------|-------|-------|-----|------|------|
| Index | ≥ 1,2 | ≥ 2,5 | ≥ 5 | ≥ 10 | ≥ 20 |

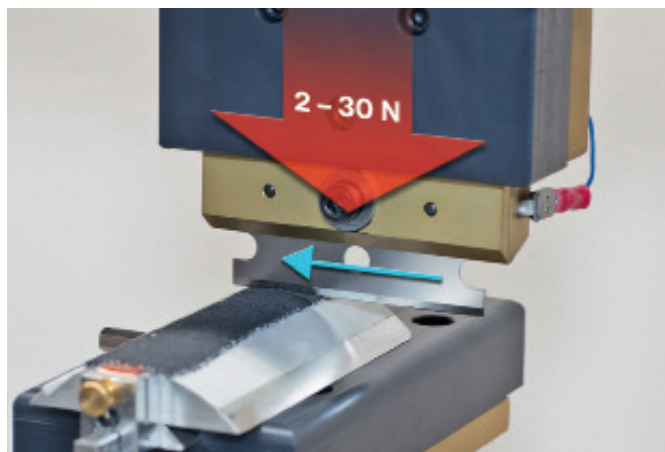
No correlation can be made between the two test procedures and performance rating. The glove still offers the same high level of cut protection in practice; the only change is to the standard-based classification of its performance.

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

For further information regarding the EN 388:2016 and EN ISO 374-1:2016 standards, see:

uvex-safety.com/blog/de/tag/schutzhandschuhe/

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



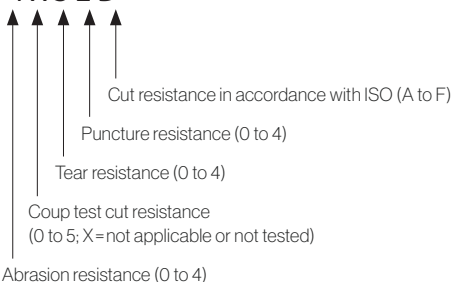
- ▶ Relates to cut protection gloves made from materials that cause the blades to become blunt (i.e. glass and steel fibres).
- ▶ Additional test procedure in accordance with ISO 13997: Determination of resistance of the glove to cutting by a sharp object through single contact under higher force
- ▶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

| Performance class | A | B | C | D | E | F |
|-------------------|-----|-----|------|------|------|------|
| Newton value | ≥ 2 | ≥ 5 | ≥ 10 | ≥ 15 | ≥ 22 | ≥ 30 |

EN 388



4 X 3 2 D



Safety Gloves



uvex
phynomic foam

MADE IN GERMANY
Oeko-Tex Standard 100
EN 388 (3 1 2 1 X)
CE
3 1 2 1 X
EN ISO 14753-1:2018
D - 71337 LUDWIGSBURG
0720201 9

EN 388:2016
3 1 2 1 X

60050

pure standard

proDERM
Institute for Applied Dermatological Research
dermatologically approved
Prof. K.-P. Wirthlin

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100
502-0648 HOHENSTEIN HTTI
Tested for harmful substances.
www.oeko-tex.com/standard100

MADE IN GERMANY

uvex phynomic foam

- high dexterity safety glove for precision mechanical work
- very good mechanical abrasion resistance thanks to the damp-resistant aqua-polymer foam coating
- good grip in dry and slightly damp areas
- highly breathable coating
- outstanding tactile feel when assembling parts

Areas of application:

- precision assembly work
- inspection
- sorting
- food processing
- packaging

| | |
|---------------------|--|
| | uvex phynomic foam |
| Art. no. | 60050 |
| Design | knitted cuff |
| Standard | EN 388 (3 1 2 1 X) |
| Material | polyamide, elastane |
| Coating | palm and fingertips with aqua-polymer foam coating |
| Suitable for | dry areas and slightly damp areas |
| Colour | white, grey |
| Sizes | 7 to 11 |
| Retail unit | 10 PC |




uvex
phynomic wet

MADE IN GERMANY
Oeko-Tex Standard 100
EN 388 (3 1 2 1 X)
CE
3 1 2 1 X
EN ISO 14753-1:2018
D - 71337 LUDWIGSBURG
0720201 9

EN 388:2016
3 1 2 1 X

60060

pure standard

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MADE IN GERMANY

uvex phynomic wet

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

Areas of application:

- precision work
- assembly
- maintenance
- repair work

| | |
|---------------------|--|
| | uvex phynomic wet |
| Art. no. | 60060 |
| Design | knitted cuff |
| Standard | EN 388 (3 1 2 1 X) |
| Material | polyamide, elastane |
| Coating | palm and fingertips with aqua-polymer foam coating |
| Suitable for | damp and oily working conditions |
| Colour | blue, anthracite |
| Sizes | 7 to 11 |
| Retail unit | 10 PC |





Safety Gloves



uvex unilite 7710 F

- seam-free multi-purpose gloves
- fully coated with nitrile rubber (NBR) for protection against moisture and water reaching the skin
- additional sandy nitrile coating on the palms of the hands for grip and abrasion resistance
- very good dexterity right to the fingertips
- polyester lining material
- excellent grip in dry, damp/wet and oily areas
- exceptional abrasion resistance
- extremely flexible

Areas of application

- construction and metalworking industry
- repair work
- oil and gas industry
- outdoor activities
- dirty working conditions

| | |
|--------------|--|
| Art. no. | uvex unilite 7710F 60278 |
| Design | knitted cuff |
| Standard | EN 388 (4 1 2 1 X), EN 407 (X 1 X X X X) |
| Material | polyester (seamless) |
| Coating | palm and whole back of the hand with NBR (nitrile rubber) with grip finish |
| Suitable for | excellent grip in wet and oily areas |
| Colour | blue, black |
| Sizes | 7 to 11 |
| Retail units | 10 PC |

uvex unilite 6610 F

- breathable precision glove with good dry and wet grip
- fully coated with NBR foam
- outstanding mechanical abrasion resistance
- great mechanical strength
- highly breathable nitrile foam coating
- good dry and wet grip
- high flexibility

Areas of application

- general maintenance work
- construction industry
- maintenance and servicing

| | |
|--------------|---|
| Art. no. | uvex unilite 6610F 60956 |
| Design | knitted cuff |
| Standard | EN 388 (4 1 2 1), |
| Material | elastane, polyamide |
| Coating | entire glove with NBR (nitrile foam) with grip finish |
| Suitable for | good dry and wet grip |
| Colour | grey, black |
| Sizes | 6 to 11 |
| Retail units | 10 PC |



60956

Safety Gloves



EN 388:2016
4 1 3 2 X



60027
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www.oeko-tex.com/standard100



EN 388:2016
4 1 2 2 X



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STANDARD 100
502-0648 HOHENSTEIN HTTI
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www.oeko-tex.com/standard100



Crotch zone reinforcement



EN 388:2016
4 X 4 3 D



60030
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CONFIDENCE IN TEXTILES
STANDARD 100
502-0648 HOHENSTEIN HTTI
Tested for harmful substances.
www.oeko-tex.com/standard100

uvex athletic lite

- lightweight and sensitive safety glove for mechanical tasks
- matt, porous and particularly abrasion-resistant microfoam coating
- very good grip in dry and slightly damp areas
- high breathability thanks to the porous coating, reducing sweating
- perfect fit thanks to the "slim fit" design and elastane in the liner
- free from hazardous substances in accordance with OEKO-TEX Standard 100

Areas of application:

- precision assembly work
- maintenance
- inspection
- sorting

uvex athletic allround

- lightweight and dirt-resistant all-round safety glove for mechanical tasks
- very good mechanical abrasion resistance thanks to the damp-resistant aqua-polymer foam coating
- very good grip in dry and slightly damp areas
- perfect fit thanks to the "slim fit" design and elastane with liner
- free from hazardous substances in accordance with OEKO-TEX Standard 100

Areas of application:

- maintenance
- assembly
- transport/package work
- sorting

uvex athletic D5XP

- very high cut resistance (Level D)
- excellent grip in dry and (slightly) oily and wet conditions
- very good mechanical abrasion resistance
- thumb crotch reinforcement
- highly flexible, excellent fit
- very good dexterity
- touchscreen-properties

Areas of application:

- automotive industry
- metal working
- glass handling
- maintenance
- sorting
- packaging
- construction

| | uvex athletic lite | uvex athletic allround | uvex athletic D5XP |
|--------------|---|---|-------------------------------------|
| Art. no. | 60027 | 60028 | 60030 |
| Design | knitted cuff | knitted cuff | Knitted Cuff |
| Standard | EN 388 (4 1 3 2 X) | EN 388 (4 1 2 2 X) | EN 388 (4 X 4 3 D) |
| Material | polyamide, elastane | polyamide, elastane | HPPE, steel, polyamide/elastane |
| Coating | palm and fingertips with NBR foam coating | palm and fingertips with NBR foam coating | NBR Micro-foam coating, palm dipped |
| Suitable for | dry areas and slightly damp areas | dry areas and slightly damp areas | Dry and slightly oily areas |
| Colour | blue, anthracite | grey, anthracite | grey/anthracite |
| Sizes | 6 to 11 | 6 to 11 | 6 to 11 |
| Retail units | 10 PC | 10 PC | 10 PC |





Safety Gloves



uvex unipur 6634

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

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

uvex unipur 6639

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

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

uvex unilite 6605

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

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

| | uvex unipur 6639 | uvex unilite 6605 | uvex unipur 6634 |
|---------------------|--|--|---|
| Art. no. | 60248 | 60573 | 60321 |
| Design | knitted cuff | knitted cuff | knitted cuff |
| Standard | EN 388 (4 1 3 1) | EN 388 (4 1 2 2) | EN 388 (4 1 3 3) |
| Material | polyamide | polyamide | polyamide |
| Coating | palm and fingertips coated with polyurethane coating | palm and fingertips coated with nitrile foam coating | palm and fingertips coated with NBR coating |
| Suitable for | dry and slightly damp areas | dry and slightly damp areas | damp, oily or greasy areas of application |
| Colour | black, black | black, black | grey, black |
| Sizes | 7 to 11 | 7 to 11 | 7 to 10 |
| Retail units | 10 PC | 10 PC | 10 PC |



Safety Gloves



60494



60938

uvex C500

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

Areas of application:

- automotive industry
- assembly
- maintenance
- metalworking
- shipping/logistics
- sorting
- glass handling
- sheet metal processing
- maintenance
- paper industry
- building and construction industry

uvex unidur 6659 foam

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

Areas of application:

- automotive industry
- assembly
- maintenance
- metalworking
- shipping/logistics

| | | |
|--------------|--|---|
| Art. no. | uvex C500 foam 60494 | uvex unidur 6659 foam 60938 |
| Design | knitted cuff | knitted cuff |
| Standard | EN 388 (4 X 4 2 C), EN 407 (X 1 X X X X) | EN 388 (4 X 4 3 C) |
| Material | bamboo rayon, HPPE, glass, polyamide | HPPE, glass, polyamide |
| Coating | palm and fingertips with high performance elastomer (HPE) and Soft Grip foam coating | palm and fingertips with nitrile foam coating |
| Suitable for | dry areas of application | dry areas and slightly damp areas |
| Colour | lime, anthracite | mottled grey, black |
| Sizes | 7 to 10 | 7 to 11 |
| Retail units | 10 PC | 10 PC |





Safety gloves



uvex profastrong

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

Areas of application:

- automotive industry
- chemical industry
- printing industry
- laboratories
- food industry

uvex profapren

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

Areas of application:

- chemical industry
- printing industry
- metalworking (cleaning)
- cleaning work

uvex u-chem 3200

- best grip in oily conditions
- flexibility and grip
- good mechanical properties
- excellent fit

Areas of application:

- construction industry
- chemical industry
- printing industry
- inspection/maintenance work
- metalworking (cleaning)
- metal processing industry
- petroleum industry
- oil and gas industry
- petrochemicals

| | uvex profastrong NF33 | uvex profapren CF33 | uvex u-chem 3200 |
|---------------------|--|--|--|
| Art. no. | 60122 | 60119 | 60972 |
| Design | gauntlet, palm with grip structure, approx. 33 cm | gauntlet, roughened palm, approx. 33 cm | cuff, fully coated, approx. 35 cm |
| Standard | EN 388 (4 1 0 1 X), EN ISO 374-1:2016/Type A (A J K L O T) | EN 388 (3 1 3 1 X), EN ISO 374-1:2016/Type A (A K L M N O) | EN 388 (3 1 3 1 X), EN ISO 374-1:2016/Type A (J K L M O T) |
| Material | flocked cotton | flocked cotton | nylon weave |
| Coating | fully coated with NBR (nitrile rubber), approx. 0.38 mm | fully coated with polychloroprene (latex inner), approx. 0.71 mm | NBR (nitrile butadiene rubber), approx. 0.50 mm |
| Suitable for | good resistance to oils, grease, acids and solvents | good resistance to many chemicals | good resistance to grease, mineral oils and many chemicals |
| Colour | green | dark blue | petrol, black |
| Sizes | 7 to 10 | 7 to 10 | 7 to 12 |
| Retail units | 12 PC | 10 PC | 10 PC |



uvex Chemical Expert System:

Online chemicals database and glove plans

As a manufacturer, we offer you access to our extensive online chemicals database. In just a few steps, you can access information about the resistance of our safety gloves when handling chemicals.

Safety Gloves



60648



ANSI/ISEA Cut

GRAM SCORE

A4

2053



60660



ANSI/ISEA Cut

GRAM SCORE

A6

3276

Thin Lizzie™ 2090X

The Rig Lizard® Series is purpose-built to provide maximum grip in tough situations – with over five grip options for water, oils, muds, and lubricants. Each glove is also equipped with our highly flexible IR-X® Impact Exoskeleton™, keeping hands protected from smash and pinch injuries. This combination of multiple technologies and features makes the Rig Lizard® the ideal solution for common oil, gas, and mining hazards. And with options for cold weather protection, your hands can stay safe and comfortable in any environment.

- IR-X® Impact Exoskeleton™ with high-flex design
- 13-gauge HPPE and glass fiber blend shell provides exceptional dexterity and feel
- sandy nitrile palm coating
- reinforced thumb crotch patch
- protected by U.S. Patent No. D703,389
- available in sizes 5/XXS through 12/3XL

Helix® 2076

Helix® series gloves offer a wide variety of grip options to provide users with the appropriate grip for the task at hand. HexArmor® has you covered for any working condition. We're constantly researching and testing new formulas and application methods to maximize grip and function, helping workers redefine safety at their worksite.

- knit: 13-gauge HPPE and steel fiber blend shell offering 360° cut protection
- coating: Flexible polyurethane palm coating provides superior grip and abrasion resistance
- ANSI/ISEA level A6 cut protection
- knit wrist helps prevent dirt and debris from entering the glove
- seamless construction for enhanced comfort and breathability
- reinforced thumb crotch area for increased durability

| | | |
|---------------------|-------------------------------------|---------------------------------------|
| | Thin Lizzie™ 2090X | Helix® 2076 |
| Art. no. | 60648 | 60660 |
| Design | Elastic cuff | Knit wrist |
| Standard | EN 388 (4 X 4 4 E P) | EN 388 (4 X 4 4 F) |
| Material | polyethylene, HPPE, Glass | polyethylene, HPPE, Steel, Fibreglass |
| Coating | flexible sandy nitrile palm coating | Flexible polyurethane palm coating |
| Suitable for | wet or dry applications | Dry or oil |
| Colour | lime, grey | blue, anthracite |
| Sizes | 5 to 12 | 5 to 12 |
| Retail units | 12 PC | 12 PC |

Benefit from our knowledge

The uvex academy provides qualified education and training in the fields of personal protective equipment (PPE) and health and safety at work.

All uvex academy training sessions are offered in-house or as company seminars. Seminars in accordance with your individual specifications can be developed on request.

- Protective eyewear
- Prescription safety spectacles/goggles
- Hearing protection
- Hand protection
- Head Protection
- Respiratory Protection
- Disposable Coveralls



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protecting people