The new uvex 1 G2.
uvex i-gonomics

Foot protection with measurably greater relief
uvex i-gonomics redefines wearer comfort: The innovative product system boasts an ergonomic fit, lightweight design and ideal climate characteristics. This makes our safety shoes more comfortable to wear and gives them optimal flexibility – so maximum performance can be achieved at all times, even under extreme conditions.

uvex 1 G2

The new uvex 1 G2 collection is the next generation of the successful uvex 1 series
The uvex i-PUREnrj two-layer outsole is made of a newly developed type of polyurethane. The midsole has an energy absorption of 40.8 joules, i.e. double the standard, while providing energy recovery of around 66% in the heel* and 59% in the forefoot*.

The tread of the outsole has been specially adapted to working on industrial floors, is shaped in accordance with the latest findings from biomechanical research and offers maximum slip resistance. All this combined with the proven collar concept ensure a high RI index of 4.03.

* Test report no. L180714889 CTC Lyon – 22/08/2019
Relief index calculation:
The relief index is calculated from the average of the three index values (IV) – force, weight and climate – and ranges from 0 (= poor) to 5 (= optimum).

force 4.2

Test method:
Energy absorption in the heel area

Test result:
Energy absorption = 40.8 J (IV 4.2)
Reduced strain for more comfortable standing and walking

Relief index 4.03

weight 3.0

Test method:
Weighing the shoe

Test result:
Product weight = 510 g (IV 3.0)
Lightweight fit, reduced fatigue

clima 4.9

Test method:
Measuring the microclimate in the shoe

Test result:
Absolute humidity = 20.23 g/kg air (IV 4.9)
Less perspiration, drier feel, increased hygiene
uvex i-PUREnrj Technology

The future is full of energy with the pioneering uvex 1 G2 safety shoes. uvex’s innovative new polyurethane sole technology – uvex i-PUREnrj – returns the landing energy over the entire sole unit back to the wearer and redefines shock absorption and stability. This makes every day full of energy, with noticeably greater comfort and significantly lower fatigue in the feet.

Cushioning underneath the heel 100%

Higher energy absorption than the standard EN ISO 20345:2011 specifies.

High energy return 66%

Energy return underneath the heel.*


Excellent stability and secure fit in the shoe due to foamed heel basket and adapted density of the uvex i-PUREnrj technology. Reduces risk of injury through bending over.

Understand walking

Loading impulse phase

Cushioning heel

Energy return heel

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Understand walking

Loading impulse phase

Cushioning heel

Energy return heel
High energy return

59%

Energy return in the forefoot area.*

Cushioning after 1000 km

29%

higher cushioning after 1000 km use compared to standard polyurethane soles.*


21%

less perceived fatigue compared to standard polyurethane soles.

You can find more information at www.uvex-safety.com/uvex1G2

Propulsive impulse phase

Cushioning forefoot

Energy return forefoot

walking ground reaction force

stance (%).

* Marked mentioned results reported in:
Test report Nr. LIL90714889 CTC Lyon, 22.08.2019

High energy return

59%

Energy return in the forefoot area.*

Cushioning after 1000 km

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You can find more information at www.uvex-safety.com/uvex1G2

Propulsive impulse phase

Cushioning forefoot

Energy return forefoot

walking ground reaction force

stance (%).

* Marked mentioned results reported in:
Test report Nr. LIL90714889 CTC Lyon, 22.08.2019
Safety Footwear
uvex 1 G2

General features:
• ultra-lightweight S1 safety sandal, perforated shoe and safety boot
• made from synthetic materials, making it suitable for people allergic to chrome
• all sole materials are free of silicone, plasticisers and other paint wetting impairment substances
• individually adjustable elastic laces for quick release, normal laces also provided (shoe), individually adjustable double hook-and-loop fastening, the upper hook-and-loop fastening can be adjusted to the ideal length for the wearer's needs (sandal)

Protection features:
• new, innovative uvex i-PUREnj sole technology with the highest level of shock-absorbing properties at the forefoot and at the heel, excellent rebound over the entire midsole and optimal stability thanks to the foam heel basket
• meets the ESD specification with volume resistance under 35 megohms
• new wider 100% metal-free uvex xenova® safety toe cap for more toe room and optimum fit — compact design, anatomical shape, good lateral stability and no thermal conductivity

Comfort features:
• ergonomically designed outsole incorporates the latest biomechanical research, consisting of two layers of uvex i-PUREnj polyurethane with excellent slip resistance. The tread is particularly suited to industrial floor surfaces
• outstanding wearer comfort thanks to a newly developed last and climate-optimised, breathable materials
• virtually seam-free upper in high-tech microvelour to eliminate pressure points, perforated
• removable antistatic comfortable insole with a moisture transport system, additional shock absorption around the heel and forefoot and excellent support for the arch
• soft padding on dust tongue (shoe, boot) and collar
• sizes 35 to 40 have been produced using a women's last

Areas of application:
• light applications

| uvex 1 G2 sandal S1 SRC · Perforated shoe S1 SRC · Perforated lace-up boot S1 SRC |
|----------------------------------|----------------|----------------|----------------|
| Art. no. | Width | Standard | Upper | Lining | Sizes | Order unit |
| 68487 | 10 | EN ISO 20345:2011 S1 SRC | microvelour | distance mesh lining | 35 to 52 | PR |
| 68488 | 11 | EN ISO 20345:2011 S1 SRC | microvelour | distance mesh lining | 35 to 52 | PR |
| 68489 | 12 | EN ISO 20345:2011 S1 SRC | microvelour | distance mesh lining | 35 to 52 | PR |
| 68490 | 14 | EN ISO 20345:2011 S1 SRC | microvelour | distance mesh lining | 35 to 52 | PR |
| 68480 | 10 | EN ISO 20345:2011 S1 SRC | microvelour | distance mesh lining | 35 to 52 | PR |
| 68467 | 11 | EN ISO 20345:2011 S1 SRC | microvelour | distance mesh lining | 35 to 52 | PR |
| 68468 | 12 | EN ISO 20345:2011 S1 SRC | microvelour | distance mesh lining | 35 to 52 | PR |
| 68469 | 14 | EN ISO 20345:2011 S1 SRC | microvelour | distance mesh lining | 35 to 52 | PR |
| 68460 | 10 | EN ISO 20345:2011 S1 SRC | microvelour | distance mesh lining | 35 to 52 | PR |
| 68477 | 11 | EN ISO 20345:2011 S1 SRC | microvelour | distance mesh lining | 35 to 52 | PR |
| 68478 | 12 | EN ISO 20345:2011 S1 SRC | microvelour | distance mesh lining | 35 to 52 | PR |
| 68479 | 14 | EN ISO 20345:2011 S1 SRC | microvelour | distance mesh lining | 35 to 52 | PR |
| 68470 | 10 | EN ISO 20345:2011 S1 SRC | microvelour | distance mesh lining | 35 to 52 | PR |

uvex 1 G2 sandal S1 SRC · Perforated shoe S1 SRC · Perforated lace-up boot S1 SRC
uvex 1 G2 · Shoe S2 SRC · Lace-up boot S2 SRC

General features:
• ultra-lightweight S2 safety shoe and safety boot
• made from synthetic materials, making it suitable for people allergic to chrome
• all sole materials are free of silicone, plasticisers and other paint wetting impairment substances
• elastic laces for quick, individual adjustment, normal laces also provided (only for safety shoe)

Protection features:
• new, innovative uvex i-PUREnrj sole technology with the highest level of shock-absorbing properties at the forefoot and at the heel, excellent rebound over the entire midsole and optimal stability thanks to the foam heel basket
• meets the ESD specification with volume resistance under 35 megaohms
• new wider 100% metal-free uvex xenova® safety toe cap for more toe room and optimum fit — compact design, anatomical shape, good lateral stability and no thermal conductivity
• ergonomically designed outsole incorporates the latest biomechanical research, consisting of two layers of uvex i-PUREnrj polyurethane with excellent slip resistance. The tread is particularly suited to industrial floor surfaces

Comfort features:
• outstanding wearer comfort thanks to a newly developed last and climate-optimised, breathable materials
• virtually seam-free upper in high-tech microvelour to eliminate pressure points, hydrophobic
• removable antistatic comfortable insole with a moisture transport system, additional shock absorption around the heel and forefoot and excellent support for the arch
• soft padding on dust tongue and collar
• sizes 35 to 40 have been produced using a women's last

Areas of application:
• light applications