

uvex



The new uvex 1 G2.

Cushioning. Stability. Energy return.

protecting people

uvex

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-PUREnrg 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.



Scan for more information
about the uvex i-gonomics
product system.

force 4.2

Test method:
Energy absorption in the
heel area

Test result:
Energy absorption = 40.8J (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 = 510g (IV 3.0)

**Lightweight fit,
reduced fatigue**



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).



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**



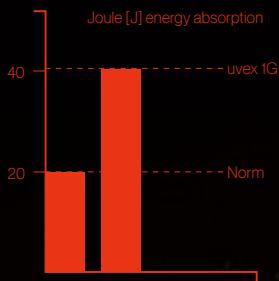
Science. Not Fiction. uvex i-PUREnrg Technology

The future is full of energy with the pioneering uvex 1 G2 safety shoes. uvex's innovative new polyurethane sole technology – uvex i-PUREnrg – 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.*

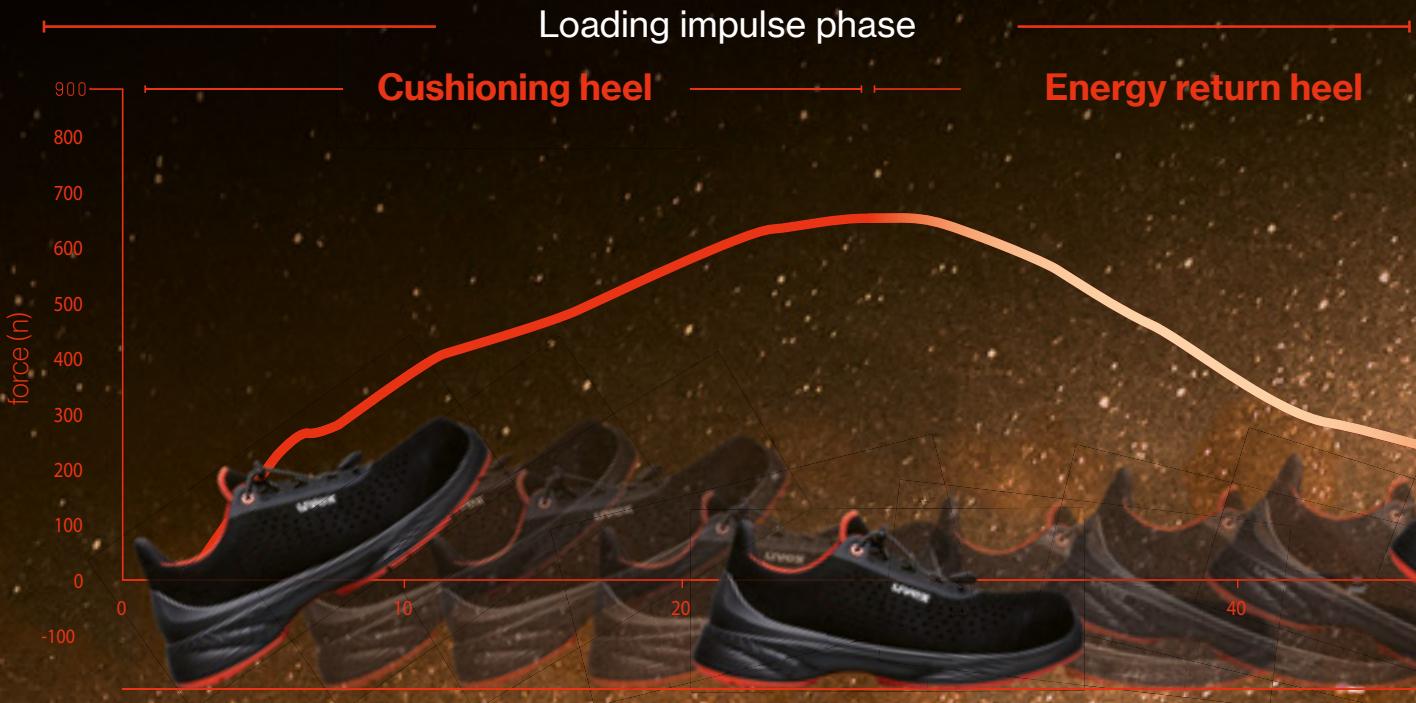


**More Stability.
Reduced Risk of Injuries.
More Safety.**

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



Understand walking



High energy return

59%

Energy return in the forefoot area.*

Cushioning after 1000 km

29%

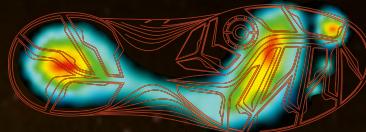
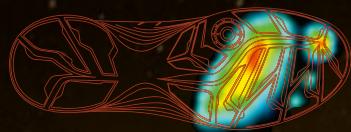
higher cushioning after 1000 km use compared to standard polyurethane soles.*

Less fatigue. More comfort.
More performance.

21%

less perceived fatigue compared to standard polyurethane soles.

You can find more information at
[www.uvex-safety.com/
uvex1G2](http://www.uvex-safety.com/uvex1G2)

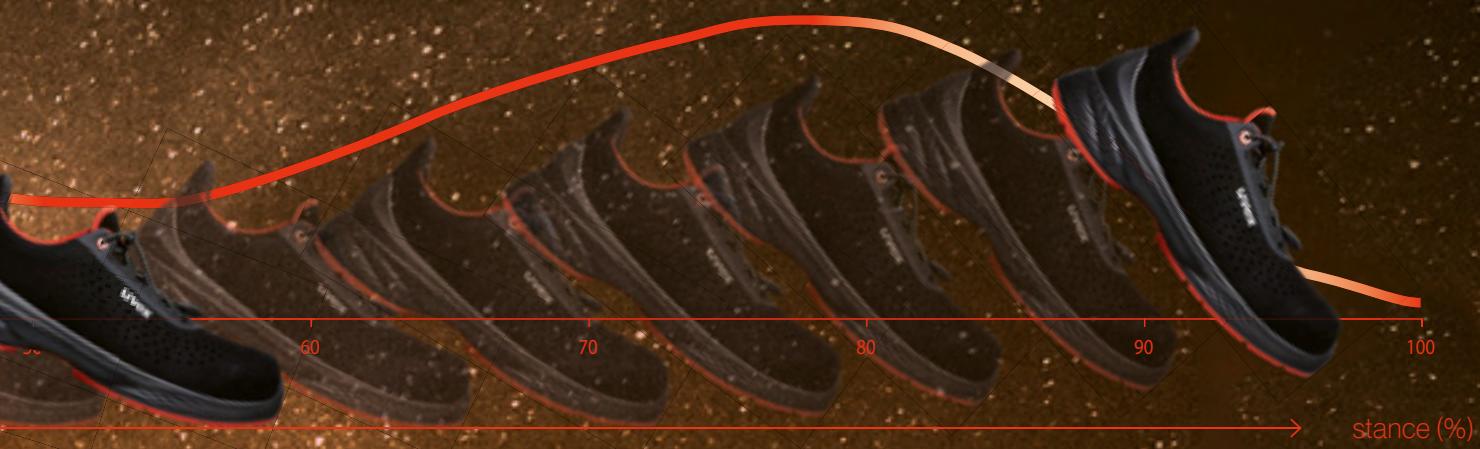


Propulsive impulse phase

Cushioning forefoot

Energy return forefoot

walking ground reaction force



uvex

Safety Footwear

uvex 1 G2



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

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-PUREnrg 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-PUREnri 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, 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

Safety Footwear

uvex 1 G2



68497
68498
68499
68490

68507
68508
68509
68500



climazone

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-PUREnrg 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-PUREnrg 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

uvex 1 G2	Shoe S2 SRC	68497	68498	68499	68490	Lace-up boot S2 SRC	68507	68508	68509	68500
Art. no.							10	11	12	14
Width	10	11	12	14						
Standard	EN ISO 20345:2011 S2 SRC					EN ISO 20345:2011 S2 SRC				
Upper	microvelour					microvelour				
Lining	distance mesh lining					distance mesh lining				
Sizes	35 to 52	35 to 52	35 to 52	35 to 52		35 to 52	35 to 52	35 to 52	35 to 52	
Order unit	PR	PR	PR	PR		PR	PR	PR	PR	

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Video



protecting people

