

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-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.



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

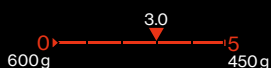


weight 3.0

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



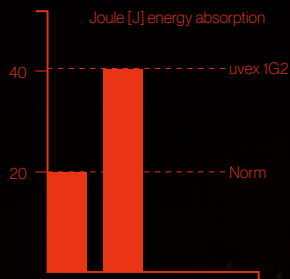
Science. Not Fiction. uvex i-PUREnrj Technology

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%

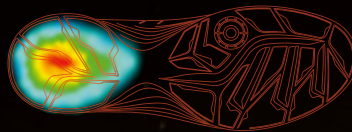
higher energy absorption than the standard EN ISO 20345:2011 specifies.



High energy return

66%

Energy return underneath the heel.*

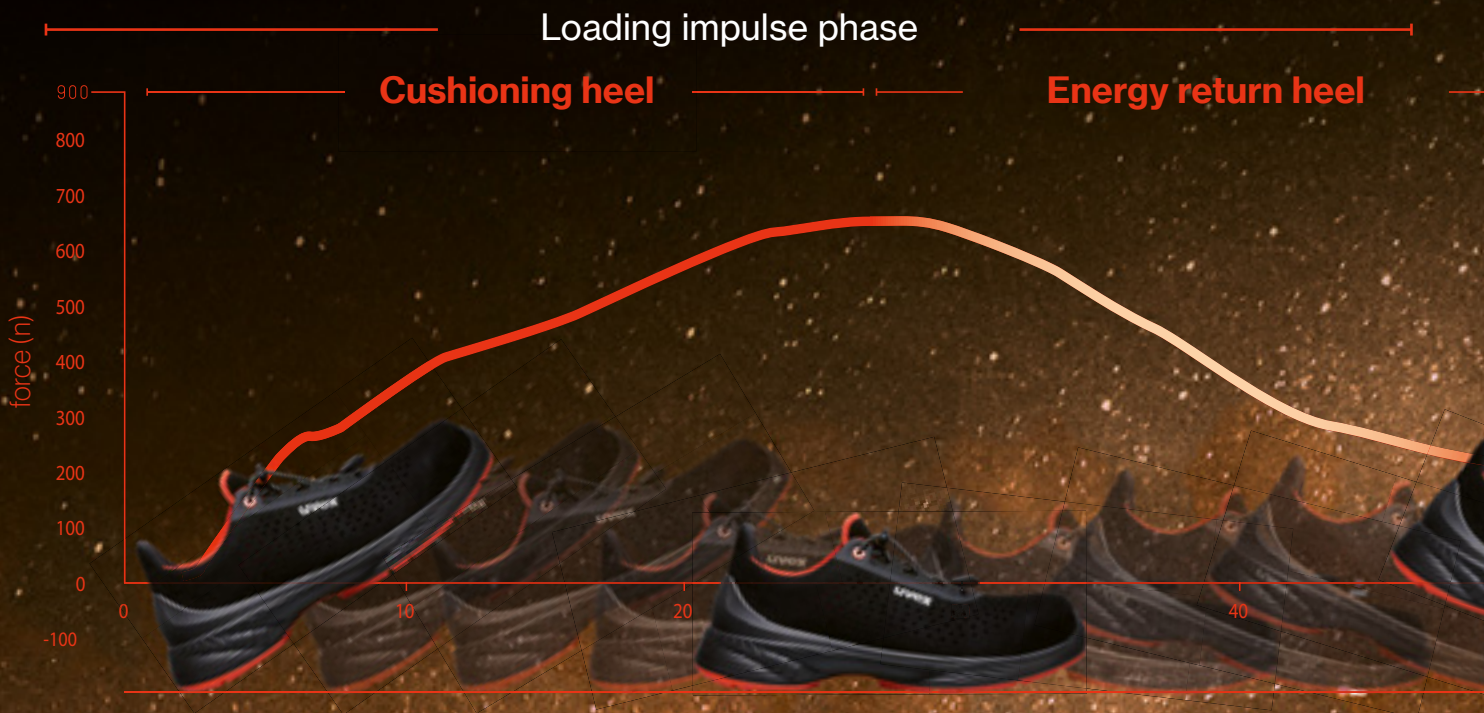


**More Stability.
Reduced Risk of Injuries.
More Safety.**

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



Understand walking





High energy return

59%

Energy return in the forefoot area.*

Cushioning after 1000 km

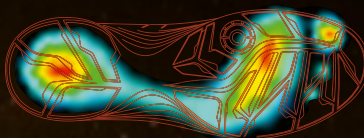
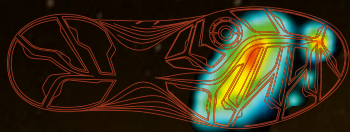
29%

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



Propulsive impulse phase

Cushioning forefoot

Energy return forefoot



* Marked mentioned results reported in:
Test report Nr. L190714889 CTC Lyon, 22.08.2019

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Video



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protecting people