

**uvex**



# The new uvex 1 G2.

Cushioning. Stability. Energy return.

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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.

\* Test report no.: L190714889 CTC Lyon – 22/08/2019



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**





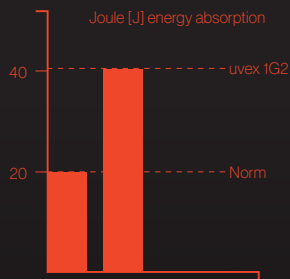
# Science. Not Fiction. uvex i-PUREnrj Technology

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%**

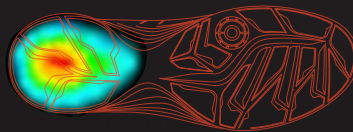
higher energy absorption than the standard EN ISO 20345:2011 specifies.



**High energy return**

**66%**

Energy return underneath the heel.\*

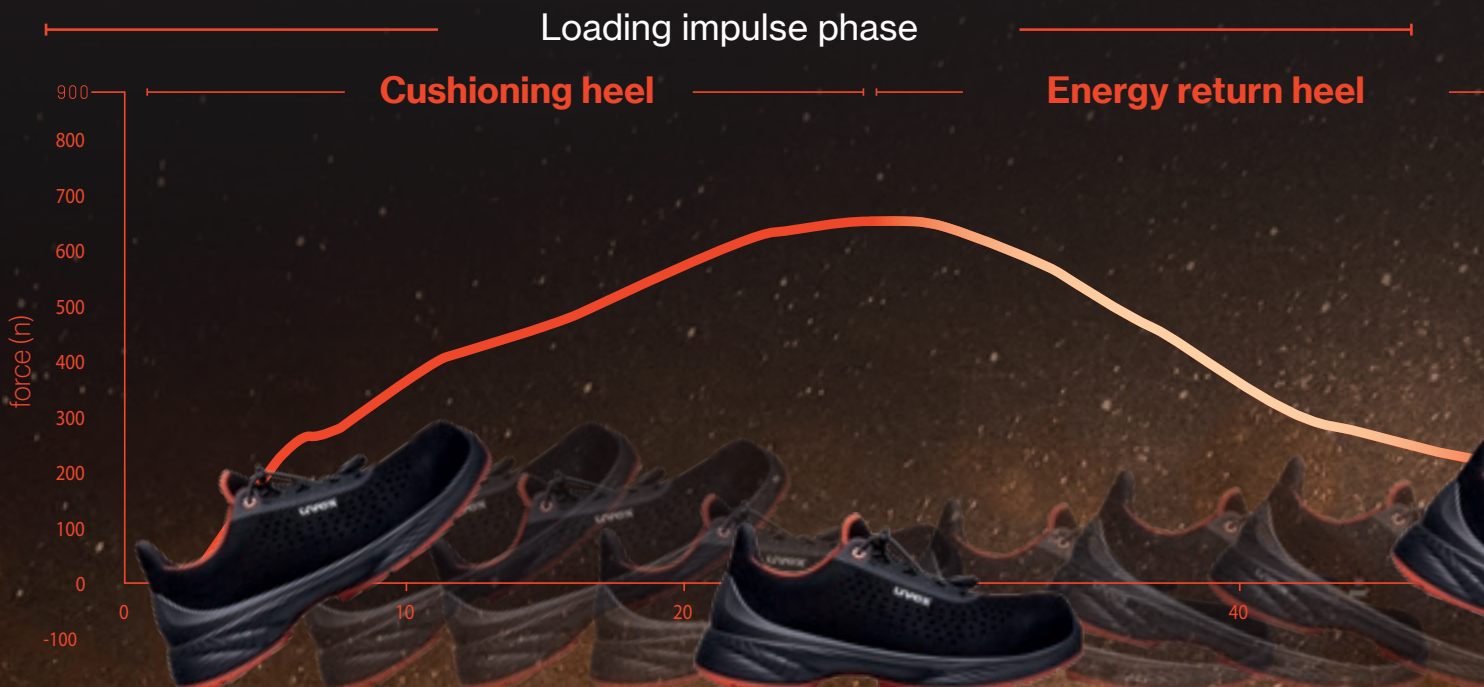


**More Stability.  
Reduced Risk of Injuries.  
More Safety.**

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%**

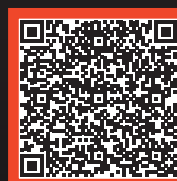
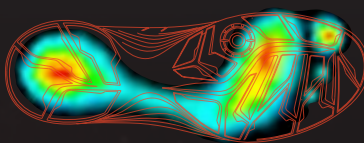
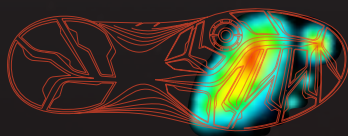
higher cushioning after 1000 km use compared to standard polyurethane soles.\*

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](http://www.uvex-safety.com/uvex1G2)



Propulsive impulse phase

Cushioning forefoot

Energy return forefoot



walking ground reaction force

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



# Science. Not Fiction. uvex x-tended grip Technology

**100% performance. Greater safety and stability. Longer life.**

The uvex x-tended grip technology, based on the latest-generation TPU outsole, guarantees even greater performance in terms of abrasion resistance of the sole and slip resistance on smooth or wet surfaces. The result? Greater safety and stability for the wearer when walking. Less wear and consequently lower costs thanks to a longer service life.

## Less abrasion ensures a longer life

**Abrasion with uvex x-tended grip**

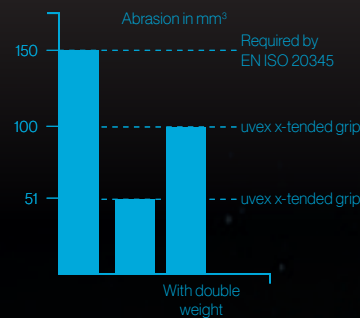
**66%**

less abrasion than standard

**With double load**

**33%**

less abrasion than standard



## Optimised slip resistance for increased safety







The TPU sole offers improved abrasion-resistance characteristics, i.e. less wear due to lower abrasion, in three zones. The tread stays sharp-edged for longer and is therefore more slip resistant.





# Science. Not Fiction.

## uvex x-dry knit Technology

**100% performance. 100% wearer comfort. 100% dry feet.**

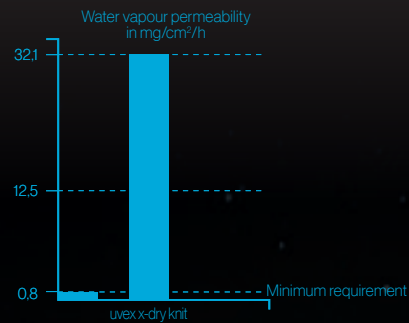
The unique uvex x-dry knit technology offers unparalleled levels of comfort and keeps feet dry: 365 days a year, 7 days a week, 24 hours a day. This is made possible by the intelligent combination of outstanding breathability and the water-repelling characteristics of the innovative uvex x-dry knit knitted collar. Hot, sweaty feet are a thing of the past. Independent tests at PFI Pirmasens have proven the unique performance of the uvex x-dry knit technology.

### Outstanding breathability

Water vapour permeability

**40x**

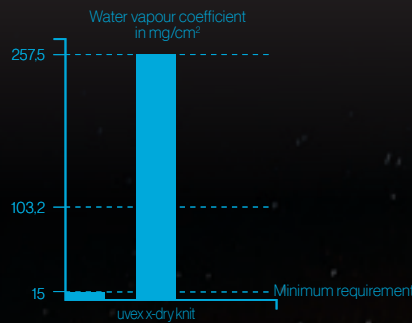
better than the minimum requirement of EN ISO 20345



Water vapour coefficient

**17x**

better than the minimum requirement of EN ISO 20345

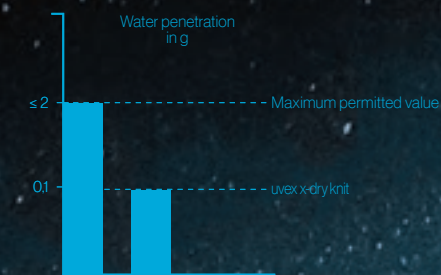


### Outstanding moisture protection

Water penetration

**100%**

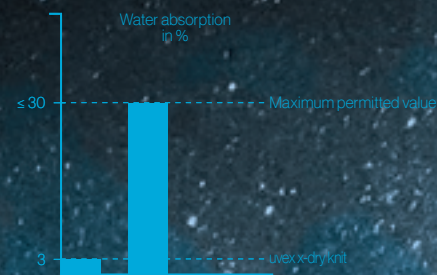
better than the minimum requirement of EN ISO 20345



Water absorption

**10x**

better than the minimum requirement of EN ISO 20345









# Safety Footwear

uvex 1 G2



68427  
68428  
68429  
68420

68437  
68438  
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68447  
68448  
68449  
68440

68457  
68458  
68459  
68450

## uvex 1 G2 · Sandal S1 SRC · Perforated shoe S1 SRC · Shoe S2 SRC · Lace-up boot S2 SRC

### General features:

- ultra-lightweight S1 safety sandal, perforated safety shoe, S2 safety shoe/boot
- made from synthetic materials, so 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 (shoes), 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-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
- ergonomically designed uvex x-tended grip outsole incorporates the latest biomechanical research, is particularly durable and therefore offers excellent slip resistance. The tread is particularly suited to industrial floors and rough surfaces

- meets the ESD specification with volume resistance under 35 megaohms
- new wider metal-free uvex xenova® protective toe cap for more toe room and optimum fit – compact design, anatomical shape, good lateral stability and no thermal conductivity

### Comfort features:

- outstanding wearer comfort thanks to a newly developed last and climate-optimised, breathable materials
- virtually seam-free construction made from high-tech microvelour material to eliminate pressure points, perforated (S1 models) or hydrophobic (S2 models)
- 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			
Art. no.	68427	68428	68429	68420	68437	68438	68439	68430
Width	10	11	12	14	10	11	12	14
Standard	EN ISO 20345:2011 S1 SRC				EN ISO 20345:2011 S1 SRC			
Upper	microvelour				microvelour			
Lining	distance mesh lining				distance mesh lining			
Sizes	35 bis 52	35 bis 52	35 bis 52	35 bis 52	35 bis 52	35 bis 52	35 bis 52	35 bis 52
Order unit	PAA	PAA	PAA	PAA	PAA	PAA	PAA	PAA

uvex 1 G2	Shoe S2 SRC				Lace-up boot S2 SRC			
Art. no.	68447	68448	68449	68440	68457	68458	68459	68450
Width	10	11	12	14	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 bis 52	35 bis 52	35 bis 52	35 bis 52	35 bis 52	35 bis 52	35 bis 52	35 bis 52
Order unit	PAA	PAA	PAA	PAA	PAA	PAA	PAA	PAA



# Safety Footwear

uvex 1 G2



68341  
68342  
68343  
68344



**climazone**

## uvex 1 G2 - Shoe S1 P SRC

### General features:

- ultra-lightweight S1 P safety shoe
- made from synthetic materials, so 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

### 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
- ergonomically designed uvex x-tended grip outsole incorporates the latest biomechanical research, is particularly durable and therefore offers excellent slip resistance. The tread is particularly suited to industrial floors and rough surfaces
- meets the ESD specification with volume resistance under 35 megaohms
- new wider metal-free uvex xenova® protective toe cap for more toe room and optimum fit – compact design, anatomical shape, good lateral stability and no thermal conductivity
- TPU scuffcap to protect against abrasion

- penetration-resistant, non-metallic midsole in accordance with current safety standards, does not restrict flexibility of the shoe

### Comfort features:

- outstanding wearer comfort thanks to a newly developed last and climate-optimised, breathable materials
- virtually seam-free construction made from extremely breathable and hydrophobic uvex x-dry knit fabric to eliminate pressure points
- 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 collar and tongue
- sizes 35 to 40 have been produced using a women's last

### Areas of application:

- light applications

uvex 1 G2	Shoe S1 P SRC		
Art. no.	68341	68342	68343
Width	10	11	12
Standard	EN ISO 20345:2011 S1 P SRC		
Upper	textile		
Lining	distance mesh lining		
Sizes	35 to 52	35 to 52	35 to 52
Order unit	PR	PR	PR

# Safety Footwear

uvex 1 G2



68361  
68362  
68363  
68364



68371  
68372  
68373  
68374



## uvex 1 G2 · Sandal S1 P SRC · Perforated shoe S1 P SRC

**General features:**

- ultra-lightweight S1 P safety sandal, perforated safety shoe
- made from synthetic materials, so 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 (shoes), 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-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
- ergonomically designed uvex x-tended grip outsole incorporates the latest biomechanical research, is particularly durable and therefore offers excellent slip resistance. The tread is particularly suited to industrial floors and rough surfaces
- meets the ESD specification with volume resistance under 35 megaohms
- TPU scuffcap to protect against abrasion

- new wider metal-free uvex xenova® protective toe cap for more toe room and optimum fit – compact design, anatomical shape, good lateral stability and no thermal conductivity
- penetration-resistant, non-metallic midsole in accordance with current safety standards, does not restrict flexibility of the shoe

**Comfort features:**

- outstanding wearer comfort thanks to a newly developed last and climate-optimised, breathable materials
- virtually seam-free construction made from high-tech microvelour material 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 collar and tongue
- sizes 35 to 40 have been produced using a women's last

**Areas of application:**

- light applications

uvex 1 G2	Sandal S1 P SRC				Perforated shoe S1 P SRC			
<b>Art. no.</b>	68361	68362	68363	68364	68371	68372	68373	68374
<b>Width</b>	10	11	12	14	10	11	12	14
<b>Standard</b>	EN ISO 20345:2011 S1 P SRC				EN ISO 20345:2011 S1 P SRC			
<b>Upper</b>	microvelour				microvelour			
<b>Lining</b>	distance mesh lining				distance mesh lining			
<b>Sizes</b>	35 to 52	35 to 52	35 to 52	35 to 52	35 to 52	35 to 52	35 to 52	35 to 52
<b>Order unit</b>	PR	PR	PR	PR	PR	PR	PR	PR



# Safety Footwear

uvex 1 G2



68381  
68382  
68383  
68384

68391  
68392  
68393  
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68401  
68402  
68403



## uvex 1 G2 · Shoe S3 SRC · Lace-up boot S3 SRC

### General features:

- ultra-lightweight S3 safety shoe, safety shoe/boot
- made from synthetic materials, so 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 (68381 to 68384)
- Boa® Fit System (consisting of a micro-adjustable dial, super-strong lightweight laces and low friction lace guides) engineered to optimise fit and provide precision, adaptability, and control (68401 to 68403)

### 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
- ergonomically designed uvex x-tended grip outsole incorporates the latest biomechanical research, is particularly durable and therefore offers excellent slip resistance. The tread is particularly suited to industrial floors and rough surfaces
- meets the ESD specification with volume resistance under 35 megaohms

### TPU scuffcap to protect against abrasion

- new wider metal-free uvex xenova® protective toe cap for more toe room and optimum fit – compact design, anatomical shape, good lateral stability and no thermal conductivity
- penetration-resistant, non-metallic midsole in accordance with current safety standards, does not restrict flexibility of the shoe

### Comfort features:

- outstanding wearer comfort thanks to a newly developed last and climate-optimised, breathable materials
- virtually seam-free construction made from high-tech microvelour material 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 S3 SRC				Shoe S3 SRC			Lace-up boot S3 SRC			
<b>Art. no.</b>	68381	68382	68383	68384	68401	68402	68403	68391	68392	68393	68394
<b>Width</b>	10	11	12	14	10	11	12	10	11	12	14
<b>Standard</b>	EN ISO 20345:2011 S3 SRC				EN ISO 20345:2011 S3 SRC			EN ISO 20345:2011 S3 SRC			
<b>Upper</b>	microvelour				microvelour			microvelour			
<b>Lining</b>	distance mesh lining				distance mesh lining			distance mesh lining			
<b>Sizes</b>	35 to 52	35 to 52	35 to 52	35 to 52	35 to 52	35 to 52	35 to 52	35 to 52	35 to 52	35 to 52	35 to 52
<b>Order unit</b>	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR

# Safety Footwear

uvex 1 G2



68487  
68488  
68489  
68480

68467  
68468  
68469  
68460



68477  
68478  
68479  
68470



## 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-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, 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			
<b>Art. no.</b>	68487	68488	68489	68480	68467	68468	68469	68460	68477	68478	68479	68470
<b>Width</b>	10	11	12	14	10	11	12	14	10	11	12	14
<b>Standard</b>	EN ISO 20345:2011 S1 SRC				EN ISO 20345:2011 S1 SRC				EN ISO 20345:2011 S1 SRC			
<b>Upper</b>	microvelour				microvelour				microvelour			
<b>Lining</b>	distance mesh lining				distance mesh lining				distance mesh lining			
<b>Sizes</b>	35 to 52	35 to 52	35 to 52	35 to 52	35 to 52	35 to 52	35 to 52	35 to 52	35 to 52	35 to 52	35 to 52	35 to 52
<b>Order unit</b>	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR



# Safety Footwear

uvex 1 G2



68497  
68498  
68499  
68490



68507  
68508  
68509  
68500



## 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

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

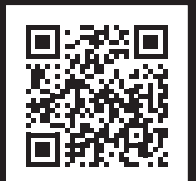
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Video



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protecting people