



## uvex 3 x-flow

The full leather upper and heat resistant sole makes uvex 3 x-flow ideal for workers in heavy application areas that may be exposed to hot material. Electrical insulating sole and metal free design make it well suited to workers in construction and other industries that could have accidental contact with electricity. The sole is engineered to perform on smooth and rough surfaces alike.

clima zone  
bionom x

i-PUREnrj  
multiple fit



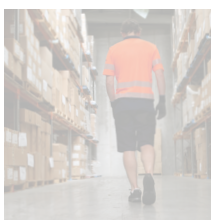
### x-flow range technologies

- Designed to minimise workers fatigue uvex i-**PUREnrj** cushioning system absorbs impact energy during loading and maximises energy return during propulsion.
- uvex **bionom x** uses biomechanics in design to harmonise the interaction of footwear with the ground and the body so that it performs as one system.
- uvex **clima zone** is an innovative climate control system that has been developed to optimise breathability and internal airflow within the footwear to help keep workers cool.
- uvex **multiple fit** system offers multiple widths in the same length in core sizes.
- Compatible with uvex **tuneup 2.0** insole system. The three insole designs are specific for low, neutral and high arch feet that provide support where each foot type needs it. Insoles are recommended using advanced scientific algorithms within the uvex size advisor app.
- uvex x-flow range footbed is made from 87% recycled production waste foam and the top cover fabric is made from 100% recycled PET plastic.

### Application area

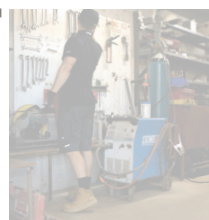
1 = light

Work is primarily carried out indoors and there are no significant demands on the physical properties of the footwear. Examples include assembly, warehousing, logistics and light industrial workplaces.



2 = medium

Work usually takes place both indoors and outdoors, with the footwear needing to be significantly more robust. Typically users include trades people, public sector employers and medium industry.



3 = heavy

Work involves external influences that place extensive demands on the footwear durability and stability. They are usually found in mining, construction, heavy mechanical engineering and civil engineering.



## Hazard management

### uvex 3 x-flow solutions

#### Slips

- uvex **bionom** x sole geometry is designed to maximise contact area on smooth and uneven surfaces helping to reduce slips risk.
- Specifically, compounded rubber outsole and tread pattern is designed to be slip resistant to soap (SLS) on ceramic tiles and fat (glycerol) on smooth steel plate.

#### Trips & falls

- uvex **bionom** x sole geometry improves swing phase ground clearance compared to traditional footwear designs.
- Lightweight design helps reduce fatigue of the muscles that lift the toe during the swing phase.
- The heel geometry of the uvex **bionom** x helps reduce the torque at the ankle reducing fatigue of the muscles that lift the toe.

#### Fatigue

- Lightweight design reduces muscular effort and fatigue generation.
- uvex **bionom** x sole and upper design is harmonised with the body's natural power generation.
- uvex **iPUREnrj** cushioning system absorbs impact energy during loading and maximises energy return during propulsion. uvex **iPUREnrj** returns 60% more energy than traditional PU foam.

#### Heat stress

- uvex **clima** zone combines breathability in key heat build-up zones and internal channelling to improve airflow through the footwear.
- Lightweight design and uvex **iPUREnrj** reduces muscle work and heat generation.

- uvex **bionom** x sole and upper design is harmonised with the body's natural power generation.
- Composite toe cap is insulating in nature and is cooler and less humid in the heat.

#### Electrocution

- Sole compound is resistant to electrical current helping to reduce dangers with accidental contact with electricity. Electrical Hazard certified according to ASTM F2413-17.
- Limited metal design has minimal conductive elements within the footwear.
- Important note: In accordance with ASTM F2413 footwear protection should be considered a secondary source of protection. Electrical hazard protection can deteriorate quickly with wear and when wet.

#### Hot contact

- Heat resistant nitrile rubber outsole is resistant to contact with hot material.
- Leather upper provides good heat resistant properties
- Zip side allows a quick exit when required.

#### Fuel oil

- Outsole is resistant to breakdown when exposed to fuel oil.

#### Sprains

- uvex **bionom** x sole geometry provides improved adaptability on irregular surfaces and increased contact area on sloping and cambered surfaces.

Product Details		
Colour	black	
Part No.	65408 (standard width)	65400 (extra wide)
Sizes EU (UK)	38 - 48 (5 - 13)	41 - 45 (7 - 10.5)
Outsole	300°C heat resistant nitrile rubber	
Upper	nubuck leather & nylon	
Lining	synthetic	
Toe cap	composite	
Height	150mm (6")	
Weight	718g	
Electrical hazard	Yes	
Anti-static	N/A	
Slip resistant	Yes (SRC)	
Airport friendly	Yes	
Australian standard	AS 2210.3:2019 SB E FO HRO SRC	
European standard	EN ISO 20345:2022 SB FO E HRO SC SR	
American standard	ASTM F2413-17 M I/75/C/75 EH	
Ordering unit	Pair	

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uvex hearing range