



Hearing Protection

uvex

**uvex**

## **uvex i-gonomics**

Innovative hearing protection. Measurably enhanced wearer comfort.

uvex i-gonomics stands for maximum functionality with first-class comfort: The innovative product system is perfectly adapted to the human physiognomy and is characterised by its extremely low weight and optimal sound control. The banded ear plugs are easy to use, which increases wearer acceptance – for reliable hearing protection in every situation.

# uvex xact-band



### **Comfortable hearing protection with sound absorbers**

The extremely light uvex xact-band banded ear protectors, with ergonomically shaped plugs offer maximum wearer comfort. The integrated sound absorber effectively reduces background noise – such as on contact with clothing. Their thumb indentations make them particularly easy to use.

#### **uvex xact-band**

<b>Art.no.</b>	2125.370
<b>Design</b>	with band
<b>Standard</b>	EN 352-2
<b>SNR</b>	26 dB
<b>Colour</b>	black, white
<b>Retail unit</b>	10



## Relief-Index

# 4.13

The relief index is calculated using the mean value of the three index values (IV) for force, weight and temperature – ranging from 0 (= poor) to 5 (= perfect).

## weight 4.2

**Lightweight feel, better wearer acceptance**

- Test method: Weighing of the ear protectors
- Test result: Weight = 9.0 g



## force 4.9

**Comfortable feel with good fit**

- Test method: Pressure on ear canal (after 5 min.)
- Test result: Force = 0.1N



## clima 3.3

**Clear sound, improved speech/signal comprehension**

- Test method: Sound with amplified residual ear canal volume
- Test result: Penetration depth in the ear canal = 1.0 cm



# Hearing Protection

All ears when it comes to safety

Noise-induced hearing loss is still one of the most common occupational hazards of all. It develops painlessly, is progressive and generally goes unnoticed. It is the fact that it's irreversible which makes it so serious. The risk to hearing and the importance of hearing protection are often recognised too late.

Only those who suffer from hearing loss really understand just how essential a good sense of hearing is and that protecting it should be a top priority.

## What is noise?

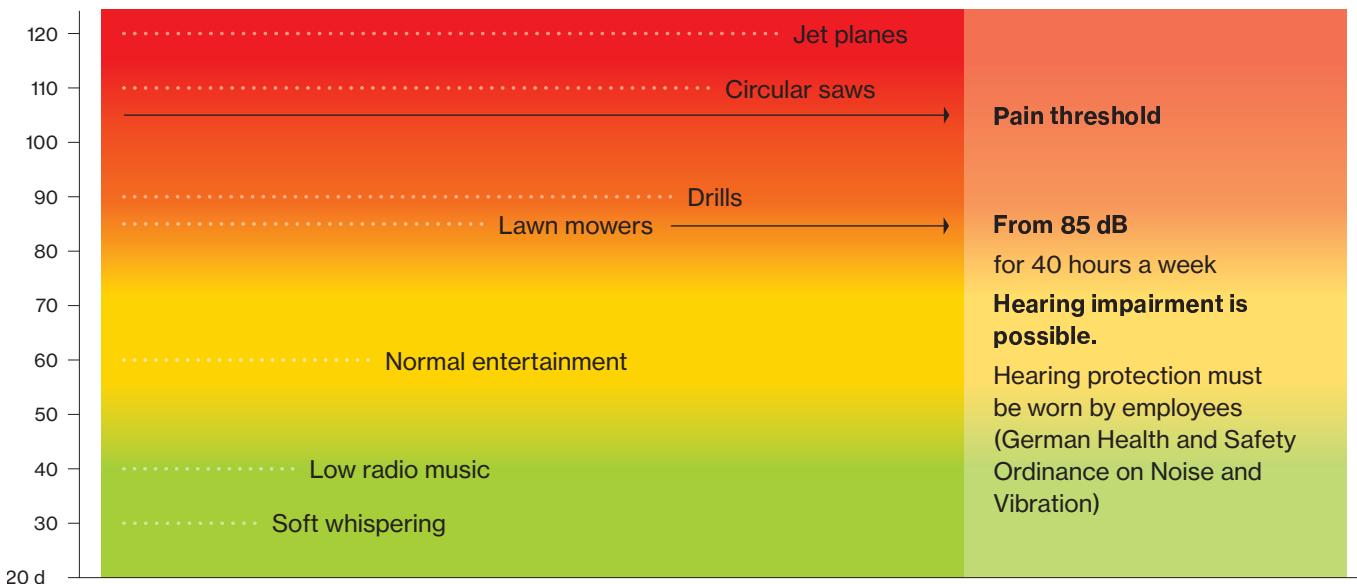
Loud sounds which comprise noise not only pose a risk to hearing but can also be distracting and debilitating.

Persistent low-grade sounds such as a clock ticking or a dripping tap can also affect concentration levels.

## What are the consequences of noise?

We use our hearing continuously, it never gets a break and cannot be "switched off". We are exposed to noise every day, all day, from multiple sources so our hearing is under constant stress.

These daily demands on our ears can lead to irreversible noise-induced hearing loss. But, it's not just our hearing that is affected; noise means stress for the entire body. Noise affects us subconsciously and can lead to difficulty concentrating, gastrointestinal illness, elevated blood pressure and increased risk of a heart attack.



# Hearing Protection

All ears when it comes to safety

## Tests and standards

All uvex hearing protection products comply with the CE standard and have been tested in accordance with the applicable European standards in line with current EU legislation.

Continuous quality assurance with ISO 9001/1994.

Applicable DIN EN norms are:

- EN 352: Part 1 Ear muffs
- EN 352: Part 2 Ear plugs
- EN 352: Part 3 Ears muffs attached to a safety helmet

## Signal recognition

When a risk assessment is carried out by a Health and Safety professional or external qualified service provider the result determines the type of hearing protection to be provided in specific workplaces.

The classifications are defined as follows:

- S** Signals audible in rail track superstructure construction
- V** Signals audible when driving a vehicle in road traffic
- W** General warning signals, informative operating sounds and speech communication audible
- E** Signals audible for multiple-unit drivers and shunting train drivers in railway operations



- E1: very high suitability, ideal for persons with impaired hearing
- E2 high suitability
- E3 limited suitability

## Occupational Safety Directive on Noise and Vibration



Valid since 9 March 2007



# Hearing Protection

Making the right choice is essential

## What level of protection is required?

Noise levels in the workplace must be measured first in order to determine what level of protection is required. The Health and Safety professional or external qualified service providers should conduct tests using approved test equipment.

The continuous noise level and, if necessary, the peak emission noise level are measured, enabling a noise profile to be recorded.

Appropriate hearing protection can then be selected using the SNR method.

## Objective: noise level – SNR value

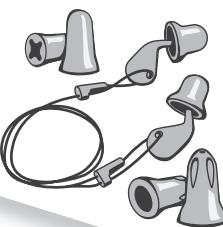
The objective when choosing suitable hearing protection is to achieve an effective residual noise level of between 70 dB and 80 dB for the wearer.

If the protection level is too high (over-protection), this can result in the inability to communicate and the risk of not hearing critical messages, instructions or signals.

Example:

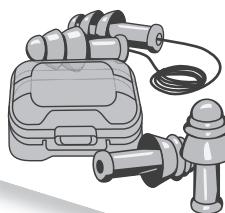
**Noise level 100 dB – uvex xact-fit, SNR 26 dB = 74 dB**

### RANGE



uvex disposable hearing protection plugs

Outstanding safety for one-time use: uvex disposable hearing protection plugs offer excellent wearer comfort when worn for long periods.



uvex reusable ear plugs

Readily available and easy to clean: uvex reusable ear plugs with hygiene box are reliable companions for your everyday work.

### USE

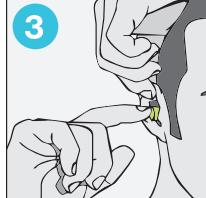
To guarantee optimum hearing protection, uvex disposable hearing protection plugs must be used correctly.



Briefly roll down uvex disposable hearing protection plugs.



Put your arm over your head and move the ear slightly upwards to straighten your auditory canal. This achieves a better fit.



Insert plugs and hold in place while they expand. If they are not visible from the front, then they are in the right position.



Take uvex reusable ear plugs by the handles and place the cord around your neck.



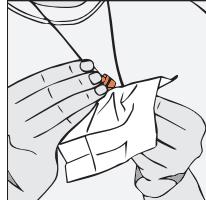
Insert uvex ear plugs into the auditory canal, applying gentle pressure.

### HYGIENE

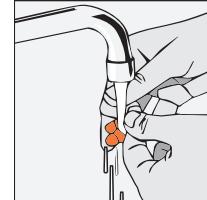
In dirty working environments, particles can easily stick to the surface of materials and cause minor injuries in the ears.



Please dispose of uvex disposable hearing protection plugs after each use.



Easy to clean with uvex damp cleaning cloth.



Alternatively, clean them with water and mild soap.



Dry them and store in the uvex hygiene box when not in use.

### MORE INFORMATION



Simply scan in the adjacent QR code with a smartphone or tablet.

You can also watch the application videos online using the following link: [uvex-safety.com/plugs](http://uvex-safety.com/plugs)

Detailed application videos show you how to use uvex disposable hearing protection plugs properly.

# Hearing Protection

## Disposable ear plugs



### uvex xact-fit

- disposable earplugs uniquely shaped to match the anatomy of the ear canal
- tapered plug shape ensures natural, pressure free fit – maximising comfort and protection levels
- left / right pod carriers simplify fitting and ensure accurate fit every-time
- replacement earplugs can be dispensed through the standard uvex wall mounted dispenser unit
- sealed PU foam reduces the potential for contamination
- adjustable neck cord can be altered to wearers requirements for increased safety

NRR 23 dB

uvex xact-fit				uvex xact-fit replacement earplugs				
Art.no.	2124.001	2112.124		2124.002		replacement earplugs		
Design	with reusable pin		with reusable pin					
Standard	EN 352-2		EN 352-2					
	additional requirement: W		additional requirement: W					
SNR	26 dB		26 dB					
Colour	lime		lime					
Size	M		M					
Packaging	50 pairs, paired in mini box		retail mini box, 1 pair with cord and pin, 2 pairs of replacement earplugs		250 pairs, 5 pairs, packed in mini box			

SNR: 26 dB	H: 28 dB	M: 23 dB	L: 19 dB	f/Hz	63	125	250	500	1000	2000	4000	8000
				MA dB	16.6	19.4	22.0	25.6	27.5	31.8	34.4	36.9
				SD dB	5.4	4.9	4.2	4.9	4.7	3.8	4.4	6.0
				APV dB	11.2	14.5	17.8	20.7	22.8	28.0	30.0	30.9



### uvex hi-com

- delivers low, flat attenuation allowing for excellent speech and sound recognition
- available in two colours
- large surface area delivers softer acoustics and absorbs inner ear sounds which can become obvious when wearing hearing protection in quieter areas

NRR 20 dB

uvex hi-com				uvex hi-com				
Art.no.	2112.100	2112.101	2112.120	2112.106				
Design	without cord	with cord	without cord					
Standard	EN 352-2	EN 352-2	EN 352-2					
	additional requirement: W	additional requirement: W	additional requirement: W					
SNR	24 dB	24 dB	24 dB					
Colour	lime	lime	lime					
Size	M	M	M					
Packaging	200 pairs, packed in pairs	100 pairs, packed in pairs	retail mini box, 6 pairs		200 pairs, packed in pairs			

SNR: 24 dB	H: 26 dB	M: 20 dB	L: 18 dB	f/Hz	63	125	250	500	1000	2000	4000	8000
				MA dB	17.5	20.0	20.4	22.8	24.6	31.2	37.5	40.3
				SD dB	6.4	2.9	3.2	4.7	5.1	5.0	5.9	6.6
				APV dB	11.2	17.0	17.2	18.1	19.5	26.2	31.6	33.7



Find the right hearing protection for your needs with the uvex Decibel app. Available as a free download in the iTunes Store.



# Hearing Protection

## Disposable ear plugs



### uvex com4-fit

- disposable earplugs with a compact, ergonomic design
- perfect for narrow and smaller ear canals
- suitable for use in high noise environments
- patented x-grip technology reduces pressure on the ear canal and aids easy, hygienic removal
- increased wearing comfort, when worn for extended periods

#### NRR 30 dB

uvex com4-fit												
Art. no.	2112.004	2112.012	2112.121									
Design	without cord	with cord	without cord									
Standard	EN 352-2	EN 352-2	EN 352-2									
	additional requirement: S, V, W, E1						additional requirement: S, V, W, E1					
<b>SNR</b>	33 dB	33 dB	33 dB									
<b>Colour</b>	light orange	light orange	light orange									
<b>Size</b>	S	S	S									
<b>Packaging</b>	200 pairs, packed in pairs	100 pairs, packed in pairs	retail mini box, 6 pairs									

SNR: 33 dB	H: 33 dB	M: 30 dB	L: 29 dB	f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	28.9	31.0	33.6	33.8	33.6	36.2	40.6	44.3				
SD dB	3.4	5.2	5.4	5.4	4.0	4.2	3.7	2.9				
APV dB	25.5	25.8	28.2	28.4	29.6	32.0	36.9	41.4				



### uvex x-fit

- tapered plug shape ensures natural, pressure free fit – maximising comfort and protection levels
- suitable for use in high noise environments
- patented x-grip technology reduces pressure on the ear canal and aids easy, hygienic removal

#### NRR 32 dB

uvex x-fit												
Art. no.	2112.001	2112.010	2112.123									
Design	without cord	with cord	without cord									
Standard	EN 352-2	EN 352-2	EN 352-2									
	additional requirement: S, V, W, E1						additional requirement: S, V, W, E1					
<b>SNR</b>	37 dB	37 dB	37 dB									
<b>Colour</b>	lime	lime	lime									
<b>Size</b>	M	M	M									
<b>Packaging</b>	200 pairs, packed in pairs	100 pairs, packed in pairs	retail mini box, 6 pairs									

SNR: 37 dB	H: 36 dB	M: 34 dB	L: 34 dB	f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	35.3	38.4	39.3	40.8	38.9	37.8	45.9	45.1				
SD dB	4.2	6.3	5.3	5.5	5.5	4.3	3.9	4.6				
APV dB	31.1	32.1	34.0	35.3	33.4	33.5	42.0	40.5				



### uvex xtra-fit

- disposable earplugs ideal for larger ear canals
- adapts to the shape and size of the ear canal, thereby optimising fit and protection
- very soft and comfortable to wear

#### NRR 32 dB

uvex xtra-fit												
Art. no.	2112.060	2112.122										
Design	without cord	without cord										
Standard	EN 352-2	EN 352-2										
	additional requirement: S, V, W, E1						additional requirement: S, V, W, E1					
<b>SNR</b>	36 dB	36 dB	36 dB									
<b>Colour</b>	orange	orange	orange									
<b>Size</b>	L	L	L									
<b>Packaging</b>	200 pairs, packed in pairs	retail mini box, 6 pairs										

SNR: 36 dB	H: 34 dB	M: 33 dB	L: 32 dB	f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	32.7	34.8	36.8	38.9	36.9	36.2	44.0	41.5				
SD dB	4.6	4.4	5.6	5.2	4.7	3.7	4.0	5.0				
APV dB	28.1	30.4	31.2	33.7	32.2	32.5	40.0	36.5				

# Hearing Protection

## Disposable ear plugs · Earplug dispenser · Refill packs



### uvex dispenser "one2click"

- easy-to-use and robust wall-mounted dispenser
- earplugs available to hand with just one click
- collecting tray prevents earplugs from falling on the floor
- suitable for all uvex disposable earplugs
- the transparent design makes refilling easy to monitor

<b>uvex dispenser "one2click"</b>
Art. no. 2112.000
Colour transparent, grey, sky blue
Packaging 1 unit

Earplugs not included.



### uvex dispenser "one2click" – Refill packs

	uvex x-fit	uvex com4-fit	uvex xact-fit
Art. no.	2112.022	2112.023	2124.003
Design	without cord	without cord	replacement earplugs
Standard	EN 352-2	EN 352-2	EN 352-2
	additional requirement: S, V, W, E	additional requirement: S, V, W, E	additional requirement: W
SNR	37 dB (see page 70)	33 dB (see page 70)	26 dB (see page 69)
Colour	lime	light orange	lime
Size	M	S	M
Packaging	refill box, 300 pairs, loose	refill box, 300 pairs, loose	refill box, 400 pairs, loose
	uvex hi-com	uvex hi-com	uvex xtra-fit
Art. no.	2112.118	2112.119	2112.061
Design	without cord	without cord	without cord
Standard	EN 352-2	EN 352-2	EN 352-2
	additional requirement: W	additional requirement: W	additional requirement: S, V, W, E
SNR	24 dB (see page 69)	24 dB (see page 69)	36 dB (see page 70)
Colour	lime	beige	orange
Size	M	M	L
Packaging	refill box, 300 pairs, loose	refill box, 300 pairs, loose	refill box, 250 pairs, loose



2134.000

### Wall-mounted dispenser

- plexiglas wall-mounted dispenser, suitable for uvex x-fit (2112.001, 2112.010, 2112.011), uvex com4-fit (2112.004, 2112.012), uvex one-fit (2112.045), uvex xtra-fit (2112.060), uvex hi-com (2112.100, 2112.101, 2112.106, 2112.114).

Wall mounted dispenser
Art. no. 2134.000
Colour transparent
Packaging 1 unit

Earplug box not included.

### uvex earplug box

- box for hygienic earplug storage
- compact and dirt-resistant design

uvex earplug box
Art. no. 2111.404
Design supplied separately, earplugs not included
Colour blue, transparent

Packaging 50 pieces



2111.404

# Hearing Protection

## Reusable ear plugs



### uvex whisper

- easy-to-clean corded earplugs
  - smooth, dirt-repellent surface can be easily cleaned using soap and water
  - hygienic storage of earplugs in a hygiene box
  - with the cord, the earplugs are conveniently to hand – in low-noise areas, the earplugs can be worn comfortably around the neck
- NRR 23 dB

#### uvex whisper

Art. no.	2111.201	2111.237
Design	with cord	with cord, in earplug box
Standard	EN 352-2	EN 352-2
	additional requirement: S, W	additional requirement: S, W
SNR	23 dB	23 dB
Colour	orange	orange
Size	M	M
Packaging	50 pairs	50 pairs

SNR: 23 dB	H: 24 dB	M: 20 dB	L: 17 dB	f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	23.7	23.2	21.1	22.6	24.8	31.7	33.4	39.4				
SD dB	5.6	5.8	6.8	5.2	5.7	6.0	9.5	8.2				
APV dB	18.1	17.4	14.3	17.4	19.1	25.7	23.9	31.2				

### uvex whisper +

- easy-to-clean reusable corded earplugs
  - smooth, dirt-repellent surface can be easily cleaned using soap and water
  - hygienic storage of earplugs in a hygiene box
  - with the cord, the earplugs are conveniently to hand – in low-noise areas, the earplugs can be worn comfortably around the neck
- NRR 25 dB

#### uvex whisper +

Art. no.	2111.212	2111.238
Design	with cord	with cord, in earplug box
Standard	EN 352-2	EN 352-2
	additional requirement: S, V, W, E1	additional requirement: S, V, W, E1
SNR	27 dB	27 dB
Colour	lime	lime
Size	M	M
Packaging	50 pairs	50 pairs

SNR: 27 dB	H: 27 dB	M: 24 dB	L: 22 dB	f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	26.6	26.9	24.3	26.1	28.8	32.8	32.6	38.1				
SD dB	6.1	6.1	4.1	5.1	5.1	5.0	6.5	5.3				
APV dB	20.5	20.8	20.2	21.0	23.7	27.8	26.1	32.8				

### uvex whisper supreme

- easy-to-clean reusable corded earplugs
  - smooth, dirt-repellent surface can be easily cleaned using soap and water
  - hygienic storage of earplugs in a hygiene box
  - with the cord, the earplugs are conveniently to hand – in low-noise areas, the earplugs can be worn comfortably around the neck
- NRR 27 dB

#### uvex whisper supreme

Art. no.	2111.235
Design	with cord, in earplug box
Standard	EN 352-2
	additional requirement: W
SNR	30 dB
Colour	yellow
Size	L
Packaging	50 pairs

SNR: 30 dB	H: 31 dB	M: 27 dB	L: 26 dB	f/Hz	125	250	500	1000	2000	4000	8000
MA dB	33.8	29.2	32.7	30.0	36.0	34.3	41.0				
SD dB	5.1	4.6	4.9	5.0	4.0	3.6	4.4				
APV dB	28.7	24.5	27.8	25.0	32.0	30.6	36.6				

# Hearing Protection

## Detectable ear plugs



### uvex xact-fit detec

- disposable plugs with integrated metal elements makes both earplugs and cord detectable
- tapered plug shape ensures natural, pressure free fit – maximising comfort and protection levels
- left / right pod carriers simplify fitting and ensure accurate fit every-time
- adjustable neck cord can be altered to wearers requirements
- sealed PU foam reduces the potential for contamination for increased hygiene
- replacement pods prolong the life of the product

uvex xact-fit detec		2124.012	2124.013
Art. no.	2124.011	with reusable pin, detectable	replacement earplugs, detectable
Standard	EN 352-2	additional requirement: W	
SNR	26 dB		
Colour	blue	blue	blue
Size	M	M	M
Packaging	50 pairs, in pairs in mini box	250 pairs, 5 pairs paired in mini box	refill box, 400 pairs, loose

SNR: 26 dB H: 28 dB M: 23 dB L: 19 dB								
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	16.6	19.4	22.0	25.6	27.5	31.8	34.4	36.9
SD dB	5.4	4.9	4.2	4.9	4.7	3.8	4.4	6.0
APV dB	11.2	14.5	17.8	20.7	22.8	28.0	30.0	30.9



### uvex x-fit detec

- disposable earplugs coloured blue with metal component for easy detection
- suitable for use in high noise environments
- tapered shape matches the ear canal anatomy for comfortable and secure fit
- patented x-grip technology reduces pressure on the ear canal and aids easy, hygienic removal
- sealed PU foam reduces the potential for contamination

uvex x-fit detec								
Art. no.	2112.011							
Design	with cord							
Standard	EN 352-2	additional requirement: S, V, W, E1						
SNR	37 dB							
Colour	blue							
Size	M							
Packaging	100 pairs, packed in pairs							

SNR: 37 dB H: 36 dB M: 34 dB L: 34 dB								
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	35.3	38.4	39.3	40.8	38.9	37.8	45.9	45.1
SD dB	4.2	6.3	5.3	5.5	5.5	4.3	3.9	4.6
APV dB	31.1	32.1	34.0	35.3	33.4	33.5	42.0	40.5



### uvex whisper+ detec

- reusable, detectable pre-shaped plug
- coloured blue with metal component for easy detection in production areas
- tapered smooth fins fit the natural shape of the ear canal, are comfortable on the skin, reduce pressure for long-term wear and provides a good comfortable seal against external noise
- flat attenuation for excellent speech recognition
- comes with a hygiene box for storage
- can be washed with soap and water and stored for repeated use

uvex whisper+ detec								
Art. no.	2111.239							
Design	with cord in earplug box, detectable							
Standard	EN 352-2	additional requirement: S, V, W, E1						
SNR	27 dB							
Colour	blue							
Size	M							
Packaging	50 pairs							

SNR: 27 dB H: 27 dB M: 24 dB L: 22 dB								
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	26.6	26.9	24.3	26.1	28.8	32.8	32.6	38.1
SD dB	6.1	6.1	4.1	5.1	5.1	5.0	6.5	5.3
APV dB	20.5	20.8	20.2	21.0	23.7	27.8	26.1	32.8



### uvex hi-com detec

- metal powder in cord allows full detection even if the cord is shredded, coloured blue for easy recognition
- oval pods match the shape of the outer ear ensuring pressure free, comfortable fit
- delivers low, flat attenuation allowing for excellent speech and sound recognition
- large surface area delivers softer acoustics and absorbs inner ear sounds which can become obvious when wearing hearing protection in quieter areas

uvex hi-com detec								
Art. no.	2112.114							
Design	with cord, detectable							
Standard	EN 352-2	additional requirement: W						
SNR	24 dB							
Colour	blue							
Size	M							
Packaging	100 pairs, packed in pairs							

SNR: 24 dB H: 26 dB M: 20 dB L: 18 dB								
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	17.5	20.0	20.4	22.8	24.6	31.2	37.5	40.3
SD dB	6.4	2.9	3.2	4.7	5.1	5.0	5.9	6.6
APV dB	11.2	17.0	17.2	18.1	19.5	26.2	31.6	33.7



# Hearing Protection

## Banded hearing protection



### uvex x-cap

- ergonomically shaped banded ear protector for optimal positioning in front of the chin
- ergonomically shaped earplugs provide a high level of wearer comfort

#### NRR 20 dB

uvex x-cap		Art. no.	2125.361	2125.351	Design	with band	replacement earplugs
Standard		EN 352-2	additional requirement: W, E3				
SNR		24 dB					
Colour		grey, sky blue, lime	sky blue, lime				
Packaging		15 per box	60 pairs, bagged in 5 pairs in zip-top polythene bag				

SNR: 24 dB	H: 27 dB	M: 19 dB	L: 18 dB	1000	2000	4000	8000
f/Hz	63	125	250	500	1000	2000	4000
MA dB	23.7	22.0	21.6	19.0	23.8	31.9	39.6
SD dB	4.0	2.9	4.7	4.3	3.6	4.0	2.7
APV dB	19.7	19.1	16.9	14.7	20.2	27.9	36.9

### uvex x-fold

- ergonomically shaped banded ear protector for optimal positioning in front of the chin which eliminates noise transfer on contact
- ergonomically shaped replacement earplugs for optimal wearer comfort
- foldable banded ear protectors make storage easy

#### NRR 23 dB

uvex x-fold		Art. no.	2125.344	2125.351	Design	with foldable band	replacement earplugs
Standard		EN 352-2					
SNR		23 dB					
Colour		grey, sky blue, lime	sky blue, lime				
Packaging		5 per box	60 pairs, bagged in 5 pairs in zip-top polythene bag				

SNR: 23 dB	H: 26 dB	M: 18 dB	L: 17 dB	1000	2000	4000	8000
f/Hz	63	125	250	500	1000	2000	4000
MA dB	24.2	23.8	20.5	18.5	21.6	31.3	36.3
SD dB	4.4	3.2	3.4	4.7	2.6	3.6	2.5
APV dB	19.7	20.6	17.1	13.8	19.0	27.8	33.9

### uvex xact-band

- banded ear protector
- replacement earplugs can be dispensed through the standard uvex wall mounted dispenser unit
- ergonomically shaped plugs create a perfect fit
- thumb indentations on the stems for quick and easy fitting
- integrated sound absorbers reduce noise transmission through the band
- extremely low weight – just 4 grams

#### NRR 21 dB

uvex xact-band		Art. no.	2125.362	2124.002	2124.003	Design	with band	replacement earplugs	replacement earplugs
Standard		EN 352-2							
SNR		26 dB							
Colour		grey, sky blue, lime	lime				lime		
Packaging		10 units	250 pairs, 5 pairs		400 pairs,		paired in mini box		loose in the refill box

SNR: 26 dB	H: 29 dB	M: 22 dB	L: 21 dB	1000	2000	4000	8000
f/Hz	63	125	250	500	1000	2000	4000
MA dB	21.5	23.3	24.7	25.3	27.1	33.0	37.3
SD dB	3.6	3.6	4.7	6.0	5.5	2.7	4.3
APV dB	17.9	19.7	20.0	19.3	21.5	30.3	33.0

# uvex K series

## High-protection in a perfect design

The features of the new uvex K series earmuffs provide wearers with appropriate protection and unparalleled comfort.



**Low weight**  
noticeably increases wearing comfort.

**Colour coding**  
An easy to understand traffic light system supports correct product selection.



**A wide range of earmuffs:**  
suitable for a range of noise environments.



**Soft-covered ear cushions**  
adapt perfectly to wearers' facial contours.



**Padded headbands**  
for optimum wearer comfort.



# Hearing Protection

## K series · Features

### uvex K series



**Length adjustment**  
Easily adjustable for a perfect fit and optimum protection.



**Padded headband**  
Padded headband for optimum comfort, when worn for long periods.



**Memory foam**  
Wearer comfort guaranteed thanks to extra soft memory foam ear cushions, even when worn for long periods.



**Extremely light weight**  
Ultra low weight makes them comfortable even when worn for extended periods.



**Certification**  
Certified in accordance with EN 352-1, Australian Standard AS/NZS and ANSI.

### uvex K200



**Length adjustment**  
Easily adjustable for a customised fit and optimum protection.



**Optimum fit**  
Adjustable headband delivers individual fit and customised protection.



**360° rotation**  
Range of positions possible with 360° capsule rotation. Earmuffs with a headband can be worn under the chin or around the neck.



**Dielectric**  
Metal-free earmuffs suitable for use in workplace environments with exposure to electrical voltage.

### Accessories



**Replacement pads**  
Replacement pads for lasting comfort and hygienic use.



**Comfort pads**  
Self-adhesive comfort pads for maximum comfort, including higher temperature environments.

### uvex K1H · uvex K2H



**Length adjustment**  
Easily adjustable for a customised fit to ensure optimum protection.



**Resting position**  
Earmuffs can be rotated 360° for easy use from standby and resting positions.



**Helmet-visior combination**  
uvex earmuffs can be combined with uvex safety helmets to ensure complete all-round head protection.

# Hearing Protection

## Earmuffs



2600.001



2600.002



2600.012



### uvex K1

- ear muffs with length adjustment
- lightweight with a small cup
- easily adjustable for a perfect fit
- soft surface and padded headband for optimum wearer comfort

<b>uvex K1</b>	
<b>Art.no.</b>	2600.001
<b>Design</b>	with length adjustment
<b>Standard</b>	EN 352-1
<b>SNR</b>	28 dB
<b>Colour</b>	black, green
<b>Packaging</b>	1 unit

SNR: 28 dB	H: 35 dB	M: 24 dB	L: 17 dB	f/Hz	125	250	500	1000	2000	4000	8000
MA dB	17.6	16.3	25.4	34.5	37.7	39.9	41.7				
SD dB	3.9	3.1	2.8	3.2	3.2	3.5	3.6				
APV dB	13.7	13.2	22.6	31.3	34.4	36.4	38.1				

### uvex K2

- earmuffs with length adjustment
- lightweight with a small cup
- easily adjustable for a perfect fit
- padded headband for optimum wearer comfort
- wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, especially when worn for long periods

<b>uvex K2</b>	
<b>Art.no.</b>	2600.002
<b>Design</b>	with length adjustment
<b>Standard</b>	EN 352-1
<b>SNR</b>	32 dB
<b>Colour</b>	black, yellow
<b>Packaging</b>	1 unit

SNR: 32 dB	H: 37 dB	M: 29 dB	L: 21 dB	f/Hz	125	250	500	1000	2000	4000	8000
MA dB	21.0	20.7	29.8	38.6	39.0	43.8	42.8				
SD dB	4.5	3.1	2.8	2.7	3.2	4.3	4.0				
APV dB	16.5	17.7	27.0	35.8	35.8	39.4	38.7				

### uvex K2 foldable

- earmuffs with foldable headband
- lightweight with a small cup
- wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, even when worn for long periods
- hi-vis design for improved wearer visibility

<b>uvex K2 foldable</b>	
<b>Art.no.</b>	2600.012
<b>Design</b>	with foldable headband
<b>Standard</b>	EN 352-1
<b>SNR</b>	32 dB
<b>Colour</b>	neon lime
<b>Packaging</b>	1 unit

SNR: 31 dB	H: 35 dB	M: 29 dB	L: 21 dB	f/Hz	125	250	500	1000	2000	4000	8000
MA dB	16.2	20.5	30.5	39.5	35.3	36.3	39.7				
SD dB	2.4	2.0	1.8	2.3	1.4	2.7	2.7				
APV dB	13.8	18.5	28.6	37.2	33.9	33.6	37.1				



# Hearing Protection

## Earmuffs



2600.003



2600.004



2600.200



### uvex K3

- earmuffs with length adjustment
- lightweight with a small cup
- higher protection levels in high-frequency range
- easily adjustable for a perfect fit
- padded headband for optimum wearer comfort
- wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, even when worn for long periods

<b>uvex K3</b>	
<b>Art. no.</b>	2600.003
<b>Design</b>	with length adjustment
<b>Standard</b>	EN 352-1
<b>SNR</b>	33 dB
<b>Colour</b>	black, red
<b>Packaging</b>	1 unit

SNR: 33 dB	H: 36 dB	M: 30 dB	L: 22 dB				
f/Hz	125	250	500	1000	2000	4000	8000
MA dB	19.2	21.7	32.4	39.4	37.3	39.1	40.7
SD dB	2.7	2.2	3.0	3.3	3.0	3.1	3.8
APV dB	16.5	19.5	29.4	36.1	34.3	36.0	36.9

### uvex K4

- optimum protection in extremely noisy environments
- easy length adjustment and optimised headband padding for exceptional wearer comfort
- hi-vis design for improved wearer visibility
- wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, even when worn for long periods

<b>uvex K4</b>	
<b>Art. no.</b>	2600.004
<b>Design</b>	with length adjustment
<b>Standard</b>	EN 352-1
<b>SNR</b>	35 dB
<b>Colour</b>	neon lime
<b>Packaging</b>	1 unit

SNR: 35 dB	H: 38 dB	M: 33 dB	L: 24 dB				
f/Hz	125	250	500	1000	2000	4000	8000
MA dB	20.2	24.6	35.5	41.5	38.4	42.1	45.0
SD dB	3.0	1.8	2.6	2.3	2.7	3.5	2.8
APV dB	17.2	22.8	32.9	39.2	35.7	38.6	42.2

### uvex K200

- dielectric ear muffs with length adjustment
- suitable for use in workplace environments with exposure to electrical voltage
- adjustable headband for a perfect fit and optimum protection
- easily adjustable for a customised fit
- range of positions possible with 360° capsule rotation

<b>uvex K200</b>	
<b>Art. no.</b>	2600.200
<b>Design</b>	with 360° headband adjustment
<b>Standard</b>	EN 352-1
<b>SNR</b>	28 dB
<b>Colour</b>	black, ochre
<b>Packaging</b>	1 unit

SNR: 28 dB	H: 33 dB	M: 25 dB	L: 18 dB				
f/Hz	125	250	500	1000	2000	4000	8000
MA dB	16.4	18.4	25.7	33.0	35.9	39.4	41.9
SD dB	3.4	3.7	2.8	3.5	3.7	4.4	4.1
APV dB	13.0	14.6	23.0	29.5	32.2	35.0	37.8

# Hearing Protection

## Earmuffs with helmet attachment



2600.201



2600.202



2500.025

### uvex K1H

- earmuffs, ideal for combining with helmet and visor
- compatible with the following products:  
uvex industrial safety helmets: uvex pheos B, uvex pheos B-WR, uvex pheos B-S-WR, uvex pheos IES, uvex pheos alpine, uvex airwing, uvex super boss (page 91 to 95),  
uvex visor 9790 (page 98)
- not compatible with uvex pheos helmet system
- length is easily adjustable for a perfect fit on the helmet
- soft ear cushions adapt to surface and head shape to ensure optimum wearer comfort
- 360° rotation for standby and resting positions

#### uvex K1H

Art.no.	2600.201
Design	helmet ear muffs
Standard	EN 352-3
SNR	27 dB
Colour	black, green
Packaging	1 set

SNR: 27 dB	H: 32 dB	M: 24 dB	L: 17 dB	f/Hz	125	250	500	1000	2000	4000	8000
MA dB	15.0	15.3	23.5	31.8	34.3	37.3	38.4				
SD dB	2.8	2.0	2.3	3.0	2.7	3.5	3.3				
APV dB	12.2	13.2	21.2	28.8	31.6	33.7	35.0				

### uvex K2H

- earmuffs, ideal for combining with helmet and visor
- compatible with the following products:  
uvex industrial safety helmets: uvex pheos B, uvex pheos B-WR, uvex pheos B-S-WR, uvex pheos IES, uvex pheos alpine, uvex airwing, uvex super boss (page 91 to 95),  
uvex visor 9790 (page 98)
- not compatible with uvex pheos helmet system
- length is easily adjustable for a perfect fit on the helmet
- wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, even when worn for long periods
- 360° rotation for standby and resting positions

#### uvex K2H

Art.no.	2600.202
Design	helmet ear muffs
Standard	EN 352-3
SNR	30 dB
Colour	black, yellow
Packaging	1 set

SNR: 30 dB	H: 35 dB	M: 27 dB	L: 20 dB	f/Hz	125	250	500	1000	2000	4000	8000
MA dB	17.9	19.3	27.1	34.6	36.5	39.5	40.1				
SD dB	2.8	2.4	3.0	3.1	2.8	2.7	3.5				
APV dB	15.1	16.8	24.1	31.4	33.7	36.8	36.6				

### uvex 3200H

- Dielectric earmuffs for safety helmets
- Suitable for use in workplace environments with exposure to electrical voltage
- Individually adjustable ear piece attachments
- Can be combined with uvex safety helmets, uvex visors (Art. No. 9790.048) and the following wide-vision goggles: uvex ultrasonic (Art. No. 9302.510) and uvex ultravision (Art. No. 9301.544)

Art.no.	2500.025	NRR 26 dB
Colour	blue	
Weight	264 g	
Retail unit	1 set	

SNR: 32 dB	H: 35 dB	M: 30 dB	L: 22 dB	f/Hz	125	250	500	1000	2000	3150	4000	6300	8000
MA dB	18.5	21.9	30.2	38.6	37.6	37.9	38.1	35.0	37.3				
SD dB	3.9	2.3	1.9	2.6	3.5	2.4	2.4	2.1	2.2				
APV dB	14.6	19.6	28.3	36.0	34.1	35.5	35.7	32.9	35.1				

# Hearing Protection

uvex pheos helmet system

Adapts perfectly to your requirements –  
thanks to the flexible modular system.



Every detail of the new pheos helmet system has been carefully thought through to deliver an advanced head protection solution. The magnetic locking system makes it

simple to attach the visor and ear muffs, while the ergonomic joint system makes it extremely comfortable to wear for long periods.



**Magnetic lock system**  
for visor and ear muffs

---

### One click attachment system

The unique magnetic lock system allows parts to connect easily – the helmet does not need to be removed when attaching or removing the ear muffs.

---

### Extra-soft ear muffs

Wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, even when worn for long periods.

# Hearing Protection

## uvex pheos earmuffs



### uvex pheos K2H

- manual helmet connection for combining with uvex pheos helmet system
- compatible with the uvex pheos visor 9906 (art. no. 9906.002)
- wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, even when worn for long periods
- 360° rotation for standby and resting positions

#### uvex pheos K2H

Art. no.	2600.204
Design	helmet ear muffs for the uvex pheos helmet system
Standard	EN 352-3
SNR	29 dB
Colour	black, yellow
Packaging	1 set

SNR: 29 dB	H: 33 dB	M: 26 dB	L: 19 dB					
f/Hz	125	250	500	1000	2000	4000	8000	
MA dB	16.0	17.9	25.7	34.3	35.0	35.1	37.1	
SD dB	2.7	2.0	2.8	2.8	2.2	2.9	2.8	
APV dB	13.3	15.9	22.9	31.6	32.8	32.2	34.2	

### uvex pheos K2H magnet

- magnetic helmet connection for combining with uvex pheos helmet system
- compatible with the uvex pheos visor 9906 (art. no.: 9906.003)
- wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, even when worn for long periods
- 360° rotation for standby and resting positions
- also available: earmuff adaptor allowing helmet earmuffs to be used without uvex pheos visor; art. no. 9790.078 (see page 97)

#### uvex pheos K2H magnet

Art. no.	2600.205
Design	helmet ear muffs for the uvex pheos helmet system
Standard	EN 352-3
SNR	27 dB
Colour	black, yellow
Packaging	1 set

SNR: 27 dB	H: 31 dB	M: 24 dB	L: 18 dB					
f/Hz	125	250	500	1000	2000	4000	8000	
MA dB	16.3	17.4	24.2	31.9	32.6	36.3	35.1	
SD dB	3.1	3.2	2.4	2.4	3.2	3.3	3.7	
APV dB	13.2	14.2	21.7	29.5	29.4	32.9	31.4	

### Compatibility

The following helmet/visor combinations are possible:



uvex pheos K2H  
2600.204



uvex pheos visor 9906.002  
(page 98)



Safety helmet uvex pheos B-S-WR (page 94) and  
uvex pheos alpine (page 96) in all available colours

**Not compatible with**  
**uvex pheos SLB 1 and SLB 2 visors!**



uvex pheos K2H magnet  
2600.205



uvex pheos visor  
(page 98)



Safety helmet uvex pheos B-S-WR (page 94) and  
uvex pheos alpine (page 96) in all available colours

# Hearing Protection Accessories

2599.971  
2599.972

2599.978

## uvex K Series · Hygiene kits

	uvex K series hygiene kits standard	uvex K series hygiene kit premium
Art.no.	2599.971	2599.972
Design	accessories for uvex K1, uvex K200, uvex K1 H, uvex K junior	accessories for uvex K2, uvex K2H, uvex pheos K2H, uvex pheos K2H magnet, uvex K3, uvex K4
Packaging	1 set	1 set

## uvex K series comfort pads "uvex dry pads"

uvex K series comfort pads "uvex dry pads"	
Art.no.	
2599.978	
Design	accessories for all models in the uvex K series
Packaging	Bag of 5 pairs



6177.116

## uvex clear otoplastics

- silicone-free towelettes for quick and easy cleaning of reusable ear plugs

uvex clear otoplastics
Art.no.
6177.116

Packaging

30 per box

# Hearing Protection

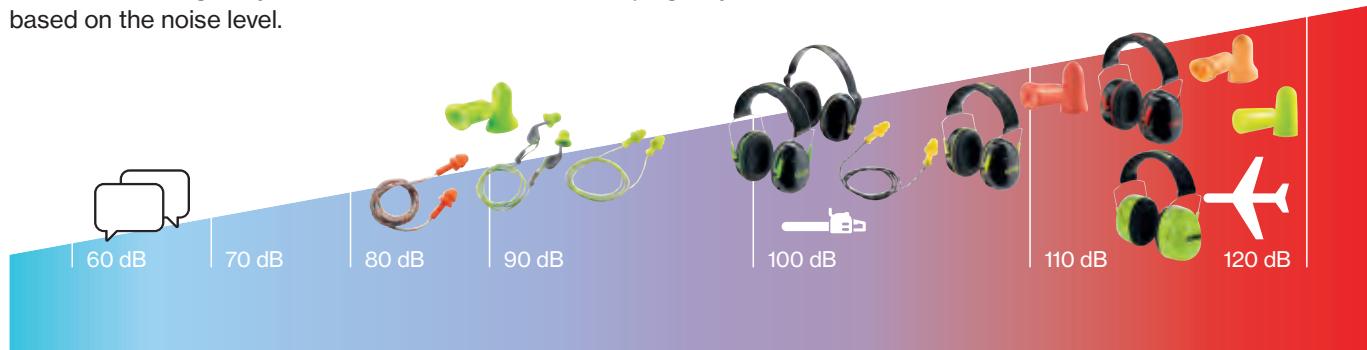
Different situations, different ears

## Hearing protection for every situation

There are many types of uvex hearing protection which are suitable for different situations and if you work in or are passing through high noise level areas you need the right level of protection.

It is important to strike the right balance between the need to adequately protect your hearing from dangerous noise while not compromising your ability to hear and communicate.

The below chart gives you an overview of which uvex earplug may be suitable based on the noise level.



## Every ear is different

All ear canals vary in shape and size, so earplugs must be able to provide the right fit.

For this reason, uvex offers a variety of options for hearing protection, which are suitable for different shapes and sizes.



# Hearing Protection Overview

Art. no.	Name	Product	Colour	Packaging	Page
2111.201	uvex whisper	Reusable earplugs with cord in a mini box	orange	box of 50 pairs	72
2111.212	uvex whisper+	Reusable earplugs with cord in a mini box	lime	box of 50 pairs	72
2111.235	uvex whisper supreme	Reusable earplugs with cord in earplug box	yellow	box of 50 pairs	72
2111.237	uvex whisper	Reusable earplugs with cord in earplug box	orange	box of 50 pairs	72
2111.238	uvex whisper+	Reusable earplugs with cord in earplug box	lime	box of 50 pairs	72
2111.239	uvex whisper+ detec	Detectable reusable earplugs with cord in earplug box	blue	box of 50 pairs	73
2111.404		uvex earplug box	blue, transparent	50 pieces	71
2112.000		"one 2 click" dispenser for 600 pairs of earplugs		1 unit	71
2112.001	uvex x-fit	Disposable earplugs without cord	lime	200 pairs, packed in pairs	70
2112.004	uvex com4-fit	Disposable earplugs without cord	light orange	200 pairs, packed in pairs	70
2112.010	uvex x-fit	Disposable earplugs with cord	lime	100 pairs, packed in pairs	70
2112.011	uvex x-fit detec	Detectable disposable earplugs with cord	blue	100 pairs	73
2112.012	uvex com4-fit	Disposable earplugs with cord	light orange	100 pairs, packed in pairs	70
2112.022	uvex x-fit	Refill box	lime	300 pairs loose in box	71
2112.023	uvex com4-fit	Refill box	light orange	300 pairs loose in box	71
2112.060	uvex xtra-fit	Disposable earplugs without cord	orange	200 pairs, packed in pairs	70
2112.061	uvex xtra-fit	Refill box	orange	250 pairs loose in a box	71
2112.100	uvex hi-com	Disposable earplugs without cord	lime	200 pairs, packed in pairs	69
2112.101	uvex hi-com	Disposable earplugs with cord	lime	100 pairs, packed in pairs	69
2112.106	uvex hi-com	Disposable earplugs without cord	beige	200 pairs, packed in pairs	69
2112.114	uvex hi-com detec	Detectable disposable earplugs with cord	blue	box of 50 pairs	73
2112.118	uvex hi-com	Refill box	lime	300 pairs loose in box	71
2112.119	uvex hi-com	Refill box	beige	300 pairs loose in box	71
2112.120	uvex hi-com	Retail mini box	lime	6 pairs in retail mini box	69
2112.121	uvex com4-fit	Retail mini box	light orange	6 pairs in retail mini box	70
2112.122	uvex xtra-fit	Retail mini box	orange	6 pairs in retail mini box	70
2112.123	uvex x-fit	Retail mini box	lime	6 pairs in retail mini box	70
2112.124	uvex xact-fit	Retail mini box	grey, lime	1 pair with cord, 2 pairs of replacement earplugs	69
2124.001	uvex xact-fit	Earplugs with cord and pin	lime, grey	50 pairs, paired in mini box	69
2124.002	uvex xact-fit	Replacement earplugs	lime	250 pairs, paired in mini box	69/74
2124.003	uvex xact-fit	Refill box	lime	400 pairs loose in box	71/ 74
2124.011	uvex xact-fit detec	Detectable earplugs with arm	blue	50 pairs, paired in mini box	73
2124.012	uvex xact-fit detec	Replacement earplugs	blue	250 pairs, paired in mini box	73
2124.013	uvex xact-fit detec	Refill box	blue	400 pairs loose in box	73
2125.344	uvex x-fold	Folding banded ear protector	grey, sky blue, lime	5 units, individually packed in a polythene bag	74
2125.351		Replacement earplugs for uvex x-cap and uvex x-fold banded ear protectors	sky blue, lime	60 pairs, packed in sets of 5 pairs in a zip-top polythene bag	74
2125.361	uvex x-cap	Banded ear protector	grey, sky blue, lime	15 units, individually packed in a polythene bag	74
2125.362	uvex xact-band	Banded ear protector	grey, sky blue, lime	Box of 10 units	74
2125.370	uvex xact-band	Banded ear protector	black, white	Box of 10 units	64
2134.000		Wall-mounted dispenser		1 unit	71
2599.971		Hygiene kit uvex K series standard		1 set	82
2599.972		Hygiene kit uvex K series premium		1 set	82
2599.978		Comfort pads		5 pairs in polythene bag	82
2600.001	uvex K1	Passive earmuffs	black, green	1 unit	77
2600.002	uvex K2	Passive earmuffs	black, yellow	1 unit	77
2600.003	uvex K3	Passive earmuffs	black, red	1 unit	78
2600.004	uvex K4	Passive earmuffs	neon lime	1 unit	78
2600.012	uvex K2 foldable	Passive earmuffs	neon lime	1 unit	77
2600.200	uvex K200	Passive earmuffs	black, ochre	1 unit	78
2600.201	uvex K1H	Earmuffs with helmet attachment	black, green	1 set	79
2600.202	uvex K2H	Earmuffs with helmet attachment	black, yellow	1 set	79
2600.204	uvex pheos K2H	Earmuffs with helmet attachment	black, yellow	1 set	81
2600.205	uvex pheos K2H magnet	Earmuffs with helmet attachment	black, yellow	1 set	81
6177.116	uvex clear otoplastics	silicone-free towelettes		30 per box	82
2500.025	uvex 3200H	Earmuffs with helmet attachment	blue	1 set	79