



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

Art. no.	2125380
Design	with band
Standard	EN 352-2
SNR	26 dB
Colour	black, white
Retail unit	10



Relief-Index

4.33

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 4.8

Lightweight feel, better wearer acceptance

- Test method: Weighing of the ear protectors
- Test result: Weight = 4.0 g



force 4.9

Comfortable feel with good fit

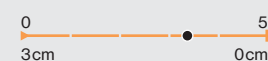
- Test method: Pressure on ear canal (after 5 min.)
- Test result: Force = 0.1N



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?

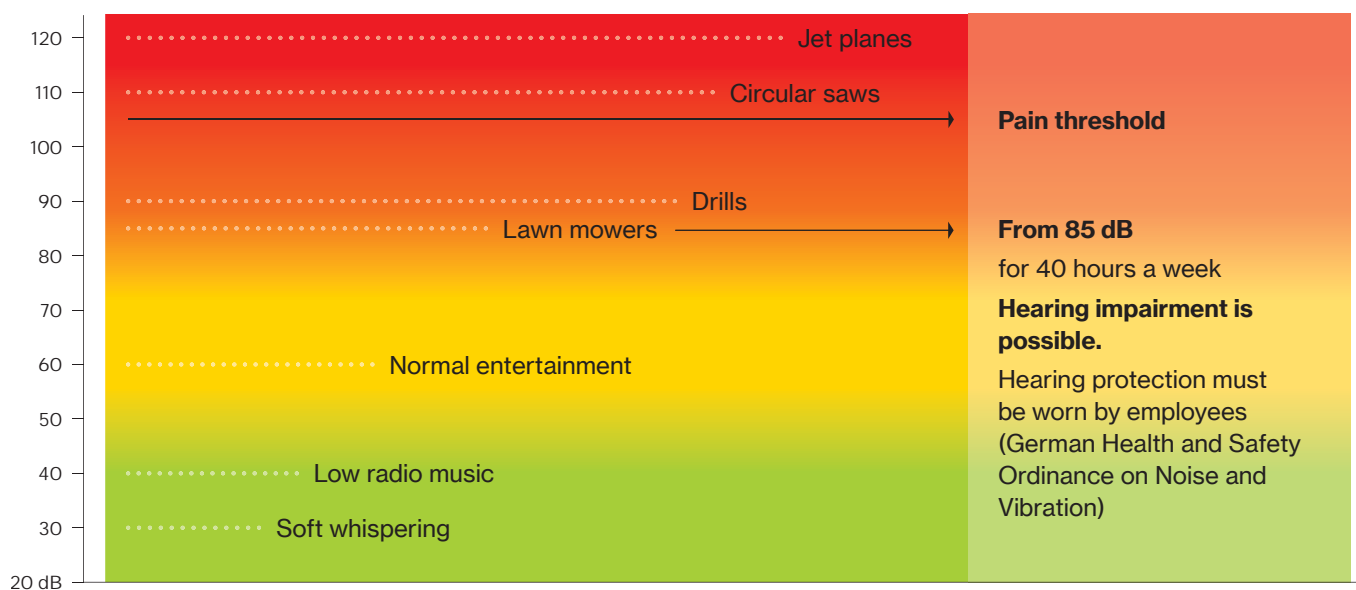
Loud sounds which comprise noise not only pose a risk to hearing but can also be distracting and debilitating.

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.



The new PPE Regulation (EU) 2016/425 places hearing protection in the highest protection category, III. All uvex hearing protection products are covered by this risk category and protect against the risks of damaging noise. Products in this category are subject to an obligation to provide employee training. It is the employer's responsibility to instruct their employees accordingly. We are happy to help. If you have any questions regarding suitable hearing protection, please contact your uvex representative.

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

Informing employees														
	Information and instruction													
	General occupational health advice													
Hearing Protection														
		Provision of hearing protection												
						Use of hearing protection								
								Not permissible with use of hearing protection						
Occupational health check-ups														
		Offer of occupational health check-ups				Need for occupational health check-ups								
Further steps														
						Marking noisy areas								
							Noise reduction measures							
79	80	81	82	83	84	85	86	87	88	89	90	91	LAeq, 8h in dB(A)	
134	135	136				137	138	139	140	141	142	143	LpC, peak in dB(C)	

Valid since 9 March 2007

Hearing Protection

Making the right choice is essential

What level of protection is required? Objective: noise level – SNR value

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.

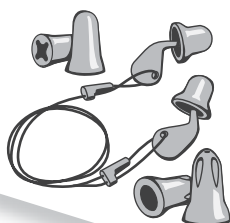
The objective when choosing suitable hearing protection is to achieve an effective residual noise level of between 70 dB and 80 dB for the wearer.

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:

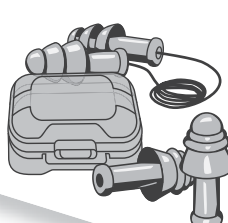
Noise level 100 dB – uvex xact-fit, SNR 26 dB = **74 dB**

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.

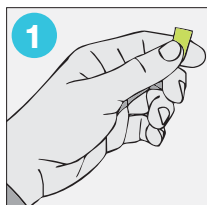


uvex reusable ear plugs

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

USE

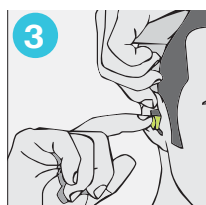
To guarantee optimum hearing protection, uvex disposable hearing protection plugs must be used correctly.



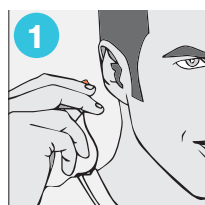
1 Briefly roll down uvex disposable hearing protection plugs.



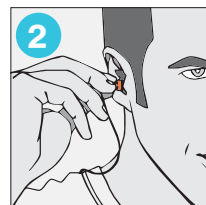
2 Put your arm over your head and move the ear slightly upwards to straighten your auditory canal. This achieves a better fit.



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



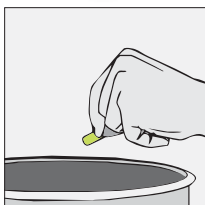
1 Take uvex reusable ear plugs by the handles and place the cord around your neck.



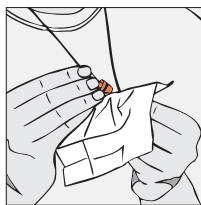
2 Insert uvex ear plugs into the auditory canal, applying gentle pressure.

HYGIENE

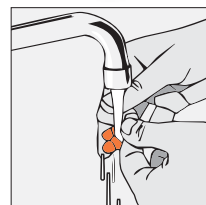
In dirty working environments, particles can easily stick to the surface of materials and cause minor injuries in the ears.



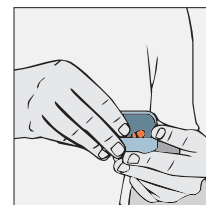
Please dispose of uvex disposable hearing protection plugs after each use.



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

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



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

Hearing Protection

Different situations, different ears

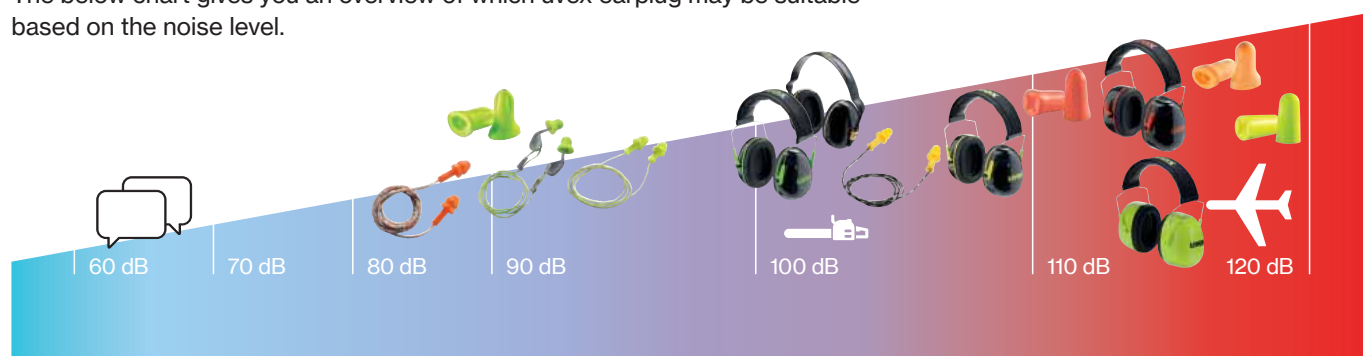


Hearing protection for every situation

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

Disposable ear plugs



2124001



2124002



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

uvex xact-fit		uvex xact-fit replacement earplugs	
Art. no.	2124001		2124002
Design	with reusable pin		replacement earplugs
Standard	EN 352-2		
	additional requirement: W		
SNR	26 dB		
Colour	lime		lime
Size	M		M
Packaging	50 pairs, paired in mini box		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



2112101


2112100
2112095


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

uvex hi-com			
Art. no.	2112100	2112101	2112095
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	100 pairs, Mini dispenser box 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



2112106



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



2134000

Wall-mounted dispenser

- plexiglas wall-mounted dispenser, suitable for uvex x-fit (2112001, 2112010, 2112011), uvex com4-fit (2112004, 2112012), uvex one-fit (2112045), uvex xtra-fit (2112060), uvex hi-com (2112100, 2112101, 2112106, 2112114).

Wall mounted dispenser	
Art. no.	2134000
Colour	transparent
Packaging	1 unit

Earplug box not included.

Hearing Protection

Disposable ear plugs



2112012


2112004
2112096


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

uvex com4-fit			
Art. no.	2112004	2112012	2112096
Design	without cord	with cord	without cord
Standard	EN 352-2	EN 352-2	EN 352-2
	additional requirement: S, V, W, E ₁	additional requirement: S, V, W, E ₁	additional requirement: S, V, W, E ₁
SNR	33 dB	33 dB	33 dB
Colour	light orange	light orange	light orange
Size	S	S	S
Packaging	200 pairs, packed in pairs	100 pairs, packed in pairs	100 pairs, Mini dispenser box

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	



2112010


2112001
2112094


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

uvex x-fit			
Art. no.	2112001	2112010	2112094
Design	without cord	with cord	without cord
Standard	EN 352-2	EN 352-2	EN 352-2
	additional requirement: S, V, W, E ₁	additional requirement: S, V, W, E ₁	additional requirement: S, V, W, E ₁
SNR	37 dB	37 dB	37 dB
Colour	lime	lime	lime
Size	M	M	M
Packaging	200 pairs, packed in pairs	100 pairs, packed in pairs	100 pairs, Mini dispenser box 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 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


2112060
2112093

uvex xtra-fit			
Art. no.	2112060	2112093	
Design	without cord	without cord	
Standard	EN 352-2	EN 352-2	
	additional requirement: S, V, W, E ₁	additional requirement: S, V, W, E ₁	
SNR	36 dB	36 dB	
Colour	orange	orange	
Size	L	L	
Packaging	200 pairs, packed in pairs	100 pairs, Mini dispenser box packed in 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



2112000
2111993


2111994



uvex dispenser “one2click”

- Easy-to-use and robust hearing protection dispenser with two different mounting options
- Earplugs available to hand with just one click
- Collecting tray prevents earplugs from falling on the floor
- Suitable for all uvex disposable earplugs
- Quantities: 600 pairs (xtra-fit 500 pairs)
- Magnetic variant for flexible use on all magnetic surfaces (2111993)
- Manual variant for stationary wall mounting (2112000)
- Magnetic wall mount can be retrofitted individually (2111994)

uvex dispenser “one2click”

Art. no.	2112000
Colour	transparent, grey, sky blue
Packaging	1 unit

Earplugs not included.

uvex dispenser “one2click” magnetic

Art. no.	2111993
Colour	transparent, grey, sky blue
Packaging	1 unit

Earplugs not included.

Magnetic wall mount for “one2click” (2112000)

Art. no.	2111994
Colour	silver/grey
Packaging	1 unit

uvex dispenser “one2click” – Refill packs

	uvex x-fit	uvex com4-fit	uvex xact-fit
Art. no.	2112022	2112023	2124003
Design	without cord	without cord	replacement earplugs
Standard	EN 352-2	EN 352-2	EN 352-2
	additional requirement: S, V, W, E ₁	additional requirement: S, V, W, E ₁	additional requirement: W
SNR	37 dB (see page 81)	33 dB (see page 81)	26 dB (see page 80)
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.	2112118	2112119	2112061
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 ₁
SNR	24 dB (see page 80)	24 dB (see page 80)	36 dB (see page 81)
Colour	lime	beige	orange
Size	M	M	L
Packaging	refill box, 300 pairs, loose	refill box, 300 pairs, loose	refill box, 250 pairs, loose

uvex refill boxes for hearing protection dispensers from other manufacturers

	uvex x-fit	uvex hi-com
Art. no.	2112092	2112097
Design	without cord	without cord
Standard	EN 352-2	EN 352-2
	additional requirement: S, V, W, E ₁	additional requirement: W
SNR	37 dB (see page 81)	24 dB (see page 80)
Colour	lime	lime
Size	M	M
Packaging	refill box, 500 pairs, loose	refill box, 500 pairs, loose

	uvex com4-fit	uvex xtra-fit
Art. no.	2112090	2112091
Design	without cord	without cord
Standard	EN 352-2	EN 352-2
	additional requirement: S, V, W, E ₁	additional requirement: S, V, W, E ₁
SNR	33 dB (see page 81)	36 dB (see page 81)
Colour	light orange	orange
Size	S	L
Packaging	refill box, 500 pairs, loose	refill box, 400 pairs, loose

Hearing Protection

Reusable ear plugs



2111201



2111237



2111212



2111238



2111235

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

uvex whisper		
Art. no.	2111201	2111237
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, packed in 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

uvex whisper +		
Art. no.	2111212	2111238
Design	with cord	with cord, in earplug box
Standard	EN 352-2	EN 352-2
	additional requirement: S, V, W, E ₁	additional requirement: S, V, W, E ₁
SNR	27 dB	27 dB
Colour	lime	lime
Size	M	M
Packaging	50 pairs, packed in 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

uvex whisper supreme		
Art. no.	2111235	
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		
Art. no.	2124011	2124013
Design	with reusable pin, detectable	replacement earplugs, detectable
Standard	EN 352-2	
	additional requirement: W	
SNR	26 dB	
Colour	blue	blue
Size	M	M
Packaging	50 pairs, in pairs 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.	2112011	
Design	with cord	
Standard	EN 352-2	
	additional requirement: S, V, W, E ₁	
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.	2111239	
Design	with cord in earplug box, detectable	
Standard	EN 352-2	
	additional requirement: S, V, W, E ₁	
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.	2112114	
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



2125361



2125344



2125372

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

uvex x-cap		
Art. no.	2125361	2125351
Design	with band	replacement earplugs
Standard	EN 352-2 additional requirement: W, E ₃	
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					
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	23.7	22.0	21.6	19.0	23.8	31.9	39.6	39.6
SD dB	4.0	2.9	4.7	4.3	3.6	4.0	2.7	3.7
APV dB	19.7	19.1	16.9	14.7	20.2	27.9	36.9	35.9

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

uvex x-fold		
Art. no.	2125344	2125351
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					
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	24.2	23.8	20.5	18.5	21.6	31.3	36.3	39.4
SD dB	4.4	3.2	3.4	4.7	2.6	3.6	2.5	3.3
APV dB	19.7	20.6	17.1	13.8	19.0	27.8	33.9	36.1

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

uvex xact-band		
Art. no.	2125372	2124002
Design	with band	replacement earplugs
Standard	EN 352-2	
SNR	26 dB	
Colour	grey, sky-blue, lime	lime
Packaging	5 units	250 pairs, 5 pairs paired in mini box

SNR: 26 dB	H: 29 dB	M: 22 dB	L: 21 dB					
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	21.5	23.3	24.7	25.3	27.1	33.0	37.3	38.5
SD dB	3.6	3.6	4.7	6.0	5.5	2.7	4.3	4.9
APV dB	17.9	19.7	20.0	19.3	21.5	30.3	33.0	33.6

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.



Colour coding

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

Low weight

noticeably increases wearing comfort.

Padded headbands

for optimum wearer comfort.

Soft-covered ear cushions

adapt perfectly to wearers' facial contours.

A wide range of earmuffs:

suitable for a range of noise environments.

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.



Dielectric

Metal-free earmuffs suitable for use in work-place environments with exposure to electrical voltage.

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 work-place environments with exposure to electrical voltage.

Accessories



Replacement pads

Replacement pads for lasting comfort and hygienic use.



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-visor combination

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

Hearing Protection

Earmuffs



2600001



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

uvex K1	
Art. no.	2600001
Design	with length adjustment
Standard	EN 352-1
SNR	28 dB
Colour	black, green
Packaging	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



2600002



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

uvex K2	
Art. no.	2600002
Design	with length adjustment
Standard	EN 352-1
SNR	32 dB
Colour	black, yellow
Packaging	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



2600012



uvex K2 foldable

- Dielectric earmuffs with length adjustment and foldable headband
- Lightweight with a small cup
- Extra-soft memory foam ear cushions for wearer comfort
- Hi-vis design for improved wearer visibility

uvex K2 foldable	
Art. no.	2600012
Design	with foldable headband
Standard	EN 352-1
SNR	31 dB
Colour	neon lime
Packaging	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



2600003



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

uvex K3	
Art. no.	2600003
Design	with length adjustment
Standard	EN 352-1
SNR	33 dB
Colour	black, red
Packaging	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



2600004



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

uvex K4	
Art. no.	2600004
Design	with length adjustment
Standard	EN 352-1
SNR	35 dB
Colour	neon lime
Packaging	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

Hearing Protection

Earmuffs hi-viz



2600200



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

uvex K200							
Art. no.	2600200						
Design	with 360° headband adjustment						
Standard	EN 352-1						
SNR	28 dB						
Colour	black, ochre						
Packaging	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



2600000



2600010



2600011



uvex K Junior

- children's earmuffs with shorter headband
- suitable for head widths up to 145 mm, equivalent to sizes S/M
- padded headband and soft cushions for optimum wearer comfort

uvex K Junior			
Art. no.	2600000	2600010	2600011
Design	with shorter headband	with shorter headband	with shorter headband
Standard	EN 352-1	EN 352-1	EN 352-1
SNR	29 dB	29 dB	29 dB
Colour	yellow	blue	lime
Packaging	1 unit	1 unit	1 unit

SNR: 29 dB	H: 34 dB	M: 29 dB	L: 21 dB				
f/Hz	125	250	500	1000	2000	4000	8000
MA dB	15.9	17.0	27.2	37.0	34.5	39.9	39.1
SD dB	3.6	2.4	2.7	3.3	3.3	3.1	3.6
APV dB	12.3	14.6	24.5	34.0	31.2	36.8	35.6

Hearing Protection

Earmuffs with helmet attachment



2600201



2600202



uvex K1H

- earmuffs, ideal for combining with helmet and visor
- 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.	2600201
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
- 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.	2600202
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

Combination options

Compatible with the following products:

uvex industrial safety helmets uvex pheos ABS, uvex pheos B, uvex pheos B-WR, uvex pheos B-S-WR, uvex pheos IES, uvex pheos alpine, uvex airwing, uvex super boss (page 104 onwards) together with the K1H or K2H helmet earmuffs (page 91) and the 9790 visor (page 114)



uvex pheos

uvex airwing

uvex superboss



uvex K1H



uvex Visier 9790

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

- Mechanical helmet connection for combining with uvex pheos helmet system
- Wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, even when worn for long periods
- 360° rotation for standby and resting positions
- Helmet earmuffs can only be used with uvex pheos visors
- Compatible with the uvex pheos visor 9906 (art. no. 9906002)
- From January 2019, earmuff arms will be synthetic instead of metal – now also compatible with pheos SLB1 and SLB2 visors (art. no. 9906005 and 9906207)

uvex pheos K2H	
Art. no.	2600204
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
- Wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, even when worn for long periods
- 360° rotation for standby and resting positions
- Compatible with the uvex pheos visor 9906 (art. no. 9906003)
- Earmuff adapter allowing helmet earmuffs to be used without uvex pheos visor available, art. no. 9790078 (see page 110)
- From January 2019, earmuff arms will be synthetic instead of metal – now also compatible with pheos SLB1 and SLB2 visors (art. no. 9906006 and 9906208)

uvex pheos K2H magnet		Helmet adapter
Art. no.	2600205	9790078
Design	helmet ear muffs for the uvex pheos helmet system	Helmet adapter for the earmuffs uvex pheos K2H magnet (2600205)
Standard	EN 352-3	
SNR	27 dB	
Colour	black, yellow	
Packaging	1 set	1 pair

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

Information on hearing protection, helmet and visor compatibility on page 109

Hearing Protection

Accessories



2599971
2599972



2111404



2599978



6177116

uvex K Series · Hygiene kits

	uvex K series hygiene kits standard	uvex K series hygiene kit premium
Art. no.	2599971	2599972
Design	accessories for uvex K1, uvex K200, uvex K1H, uvex K junior	accessories for uvex K2, uvex K2 folable, uvex K2H, uvex pheos K2H, uvex pheos K2H magnet, uvex K3, uvex K4
Packaging	1 set	1 set

uvex earplug box

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

	uvex earplug box
Art. no.	2111404
Design	supplied separately, earplugs not included
Colour	transparent
Packaging	50 pieces

uvex K series comfort pads “uvex dry pads”

	uvex K series comfort pads “uvex dry pads”
Art. no.	2599978
Design	accessories for all models in the uvex K series
Packaging	Bag of 5 pairs

uvex clear otoplastics

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

	uvex clear otoplastics
Art. no.	6177116
Packaging	30 per box



A practical introductory seminar on the risks arising from excess noise and the appropriate measures to safeguard hearing.

- principles and importance of the vital sense of hearing
- hearing difficulties and tinnitus demo
- comprehensive overview of the challenges facing industrial hearing protection, standards and the hearing protection products on offer
- explanation of the different methods of measuring noise levels and how to put these methods into practice
- information on the classification and labelling of safety products
- noise exposure in the workplace
- essential information on applications of the various types of PPE, such as disposable earplugs, reusable earplugs, dispensers, banded ear protectors, passive and level-dependent ear defenders and otoplastics
- how to wear and use hearing protection equipment correctly

Target group

Those responsible for the health and safety of employees within a company, e.g. health and safety officers, occupational health practitioners, company doctors and specialist purchasers.

For more information or to book a place, please visit uvex-academy.de, call +49 (0)911 9736 1710 or email academy@uvex.de



Hearing Protection

Overview

Art. no.	Name	Product	Colour	Packaging	Page
2111201	uvex whisper	Reusable earplugs with cord in a mini box	orange	box of 50 pairs	83
2111212	uvex whisper+	Reusable earplugs with cord in a mini box	lime	box of 50 pairs	83
2111235	uvex whisper supreme	Reusable earplugs with cord in earplug box	yellow	box of 50 pairs	83
2111237	uvex whisper	Reusable earplugs with cord in earplug box	orange	box of 50 pairs	83
2111238	uvex whisper+	Reusable earplugs with cord in earplug box	lime	box of 50 pairs	83
2111239	uvex whisper+ detec	Detectable reusable earplugs with cord in earplug box	blue	box of 50 pairs	84
2111404		uvex earplug box	transparent	50 pieces	94
2111993		uvex dispenser "one2click" magnetic	transparent, grey, sky-blue	1 unit	82
2111994		Magnetic wall mount for "one2click" (2112000)	silver/grey	1 unit	82
2112000		"one 2 click" dispenser for 600 pairs of earplugs		1 unit	82
2112001	uvex x-fit	Disposable earplugs without cord	lime	200 pairs, packed in pairs	81
2112004	uvex com4-fit	Disposable earplugs without cord	light orange	200 pairs, packed in pairs	81
2112010	uvex x-fit	Disposable earplugs with cord	lime	100 pairs, packed in pairs	81
2112011	uvex x-fit detec	Detectable disposable earplugs with cord	blue	100 pairs	84
2112012	uvex com4-fit	Disposable earplugs with cord	light orange	100 pairs, packed in pairs	81
2112022	uvex x-fit	Refill box	lime	300 pairs loose in box	82
2112023	uvex com4-fit	Refill box	light orange	300 pairs loose in box	82
2112060	uvex xtra-fit	Disposable earplugs without cord	orange	200 pairs, packed in pairs	81
2112061	uvex xtra-fit	Refill box	orange	250 pairs loose in a box	82
2112090	uvex com4-fit	Refill box	light orange	500 pairs loose in a box	82
2112091	uvex xtra-fit	Refill box	orange	400 pairs loose in a box	82
2112092	uvex x-fit	Refill box	lime	500 pairs loose in a box	82
2112093	uvex xtra-fit	Minidispenser Box	orange	100 pairs, packed in pairs	81
2112094	uvex x-fit	Minidispenser Box	lime	100 pairs, packed in pairs	81
2112095	uvex hi-com	Minidispenser Box	lime	100 pairs, packed in pairs	80
2112096	uvex com4-fit	Minidispenser Box	light orange	100 pairs, packed in pairs	81
2112097	uvex hi-com	Refill box	lime	500 pairs loose in a box	82
2112100	uvex hi-com	Disposable earplugs without cord	lime	200 pairs, packed in pairs	80
2112101	uvex hi-com	Disposable earplugs with cord	lime	100 pairs, packed in pairs	80
2112106	uvex hi-com	Disposable earplugs without cord	beige	200 pairs, packed in pairs	80
2112114	uvex hi-com detec	Detectable disposable earplugs with cord	blue	box of 50 pairs	84
2112118	uvex hi-com	Refill box	lime	300 pairs loose in box	82
2112119	uvex hi-com	Refill box	beige	300 pairs loose in box	82
2124001	uvex xact-fit	Earplugs with cord and pin	lime, grey	50 pairs, paired in mini box	80
2124002	uvex xact-fit	Replacement earplugs	lime	250 pairs, paired in mini box	80/85
2124003	uvex xact-fit	Refill box	lime	400 pairs loose in box	82/85
2124011	uvex xact-fit detec	Detectable earplugs with arm	blue	50 pairs, paired in mini box	84
2124013	uvex xact-fit detec	Refill box	blue	400 pairs loose in box	84
2125344	uvex x-fold	Folding banded ear protector	grey, sky blue, lime	5 units, individually packed in a polythene bag	85
2125351		Replacement earplugs for uvex x-cap and uvex x-fold	sky blue, lime	59 pairs, packed in sets of 5 pairs in a zip-top polythene bag	85
2125361	uvex x-cap	Banded ear protector	grey, sky blue, lime	15 units, individually packed in a polythene bag	85
2125372	uvex xact-band	Banded ear protector	grey, sky blue, lime	Box of 10 units	85
2125380	uvex xact-band	Banded ear protector	black, white	Box of 10 units	74
2134000		Wall-mounted dispenser		1 unit	80
2599971		Hygiene kit uvex K series standard		1 set	94
2599972		Hygiene kit uvex K series premium		1 set	94
2599978		Comfort pads		5 pairs in polythene bag	94
2600000	uvex K junior	Passive earmuffs	yellow, black	1 unit	90
2600001	uvex K1	Passive earmuffs	black, green	1 unit	88
2600002	uvex K2	Passive earmuffs	black, yellow	1 unit	88
2600003	uvex K3	Passive earmuffs	black, red	1 unit	89
2600004	uvex K4	Passive earmuffs	neon lime	1 unit	89
2600010	uvex K junior	Passive earmuffs	blue	1 unit	90
2600011	uvex K junior	Passive earmuffs	lime	1 unit	90
2600012	uvex K2 foldable	Passive earmuffs	neon lime	1 unit	88
2600200	uvex K200	Passive earmuffs	black, ochre	1 unit	90
2600201	uvex K1H	Earmuffs with helmet attachment	black, green	1 set	91
2600202	uvex K2H	Earmuffs with helmet attachment	black, yellow	1 set	91
2600204	uvex pheos K2H	Earmuffs with helmet attachment	black, yellow	1 set	93
2600205	uvex pheos K2H magnet	Earmuffs with helmet attachment	black, yellow	1 set	93
6177116	uvex clear otoplastics	silicone-free towelettes		30 per box	94
9790078		Helmet adapter	black	1 set	93