

Hearing Protection



uvex i-gonomics

Measurable stress reduction for hearing protection

uvex has developed the ergonomic product system – uvex i-gonomics, which delivers optimum fit, low weight and optimum temperature – a combination which significantly increases wearer comfort. Hearing is precious and can be easily damaged. Wearing low pressure, non-irritant uvex earmuffs ensures wearers securely protect their hearing even when worn for long periods of time.

uvex K2

The uvex K2 earmuffs deliver outstanding comfort and a pressure free fit through the use of lightweight materials; compact and extra-soft cushioned ear pieces together with a breathable headband. These critical ergonomic characteristics are reflected in a top RI value of 4.07.



force

- Test method: contact pressure measurement and determination of absorption figures
- Test result: pressure/absorption figure = 0.31 N/dB (IW 3.9)

- **Ideal seal without irritating pressure points**

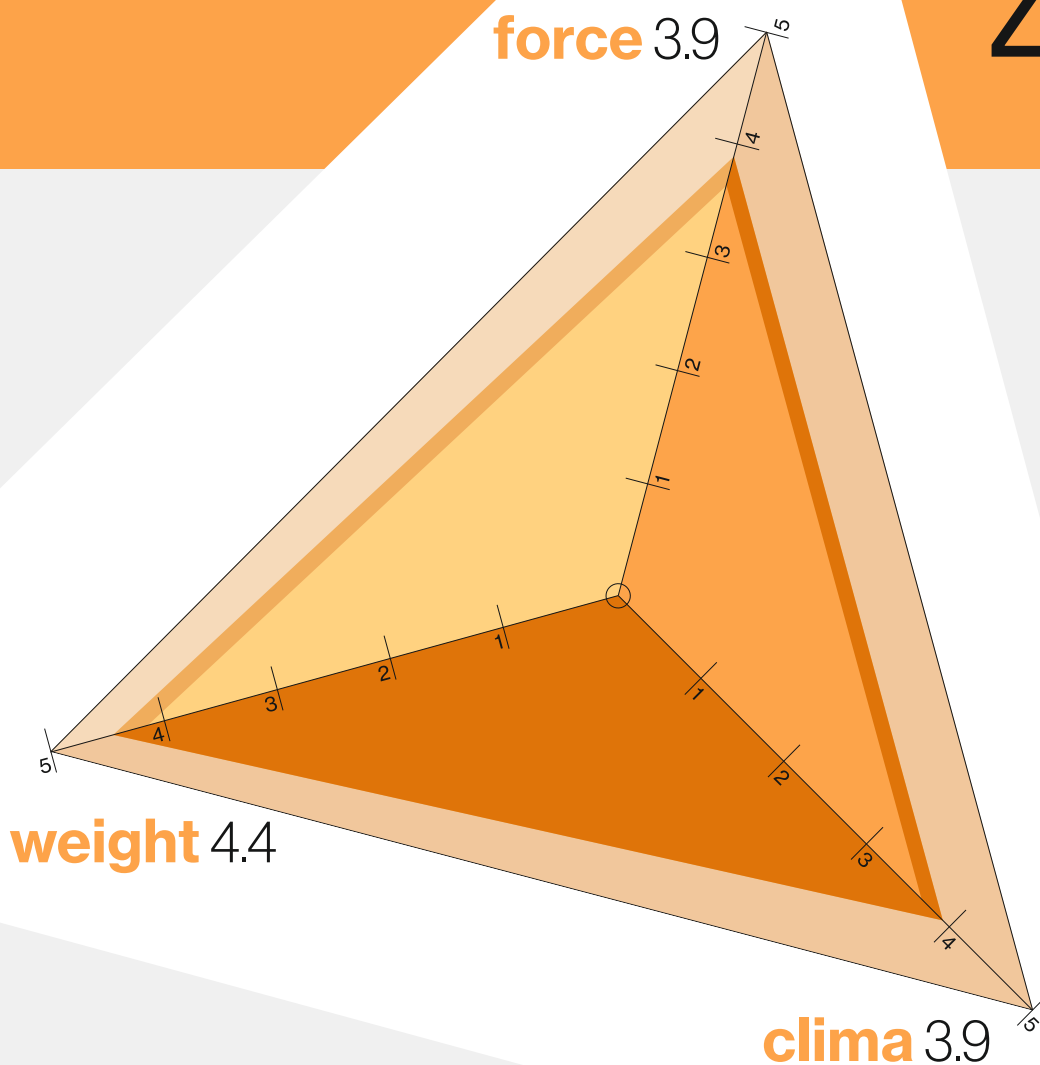




Relief-Index

4.07

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

- Test method: weight and absorption figure measurement
- Test result: product weight/absorption figure = 6.8 g/dB (IV 4.4)

• A high comfort factor reduces the onset of fatigue



clima

- Test method: Identification of heat build-up and absorption figure measurement
- Test result: Temperature/absorption figure = 1.07 °C/dB (IV 3.9)

• Optimum wearer comfort even in warm/hot temperatures



Hearing Protection

All ears when it comes to safety

Noise-induced hearing loss is still one of the most common occupational hazards. It generally develops painlessly and without warning and 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?

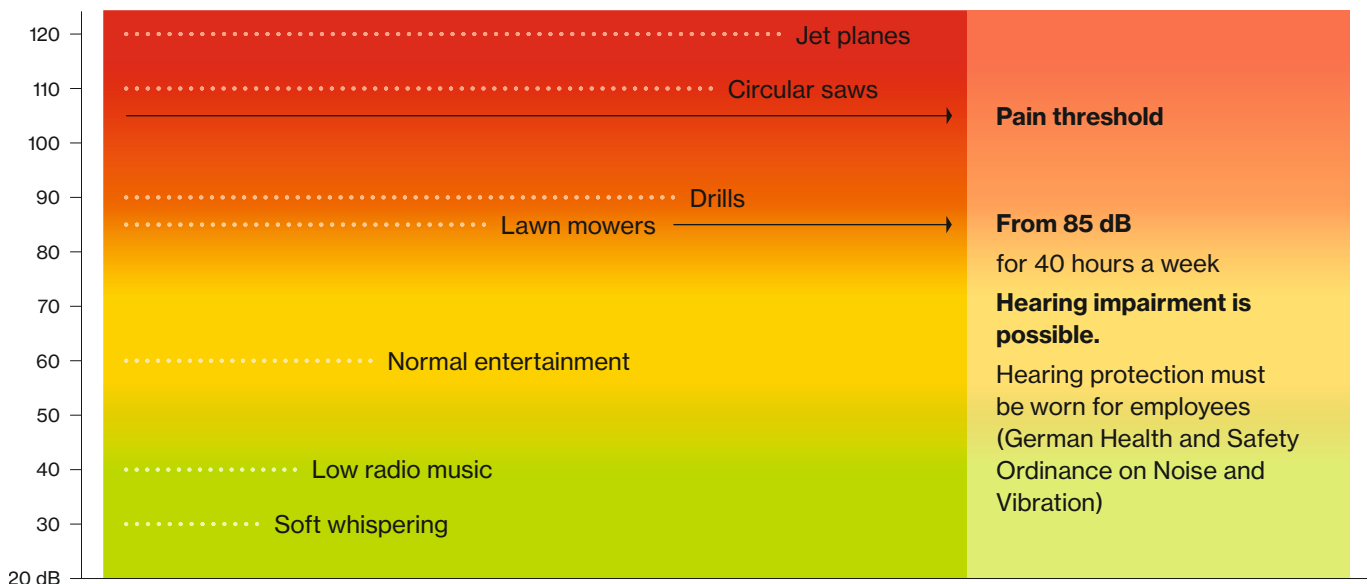
Noise is not only loud sounds, which can damage hearing, but also sounds that are perceived as disruptive and debilitating.

For example, a clock ticking or a dripping tap may impair concentration.

What are the consequences of noise?

We use our hearing continuously, day and night. Our hearing never gets a break and cannot be “switched off”. We are exposed to noise every day, all day, whether it’s noise at work, traffic noise or going to a concert; our hearing is under constant stress.

These daily demands on our ears can lead to noise-induced hearing loss. However, it’s not just our hearing that is affected; noise means stress for the entire human organism. Noise affects the whole body subconsciously and this can lead to difficulty concentrating, gastrointestinal illnesses, high blood pressure and even 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 hearing protection products can be categorised as particularly well-suited to use in specific areas of application.

The classifications are defined as follows:

- S** Signal hearing in railway track superstructure construction
- V** Signal hearing in road traffic
- W** Alarm signal hearing, general
- E** Signal hearing for locomotive drivers in railway operations

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?

The noise situation in the workplace must be defined first in order to determine what level of protection is required. To do this, the Health and Safety professional or external qualified service provider has to measure the noise levels.

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.

Hearing protection: choosing the right product 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 sound insulation is too high (over-protection), this can result in an inability to communicate and the risk of not hearing critical messages or instructions.



Example:

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

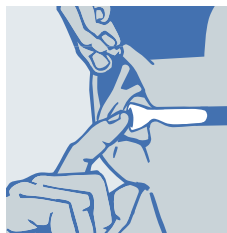
How to fit a hearing plug?

Correct hearing protection insertion

Earplugs must be inserted correctly to ensure the specified SNR value is achieved.



1. Roll the earplug into a cylinder between your fingers.



2. Reach over your head with your opposite arm and gently pull your outer ear outwards and upwards to straighten the ear canal. Gently insert the rolled up earplug into the ear canal and hold in place for a moment whilst it expands to the shape and size of the ear canal.



3. A correct fit for maximum protection and optimum wearer comfort.

Hearing Protection

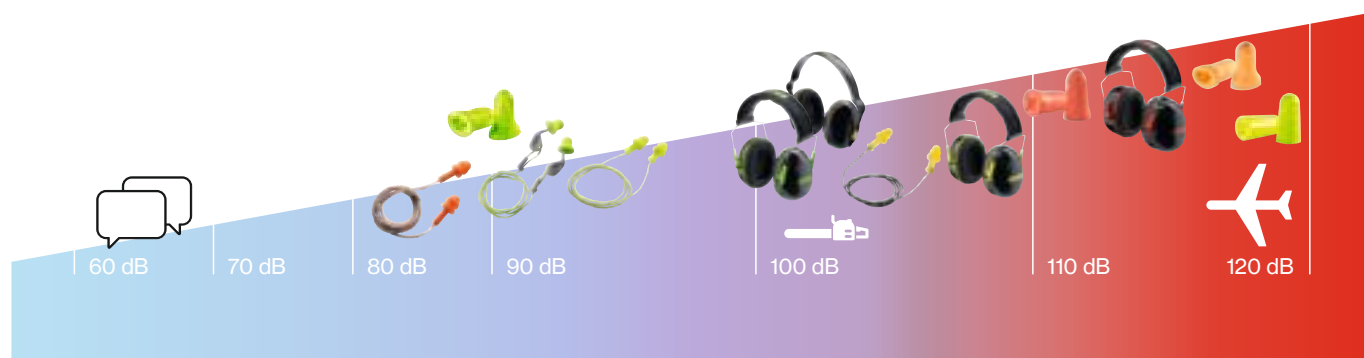
Different situations, different ears



Hearing protection for every situation

There are many varieties of uvex hearing protection that 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.

If you are disturbed by machine noise or in your office, you want to shut out the noise but not feel isolated so with the right protection, damaging or irritating noise is eliminated, but important alarm signals can still be heard and speech perception is maintained.



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



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.	2124.001	2112.124	2124.002
Design	with reusable pin	with reusable pin	replacement earplugs
Standard	EN 352-2	EN 352-2	EN 352-2
	additional requirement: W	additional requirement: W	additional requirement: W
SNR	26 dB	26 dB	26 dB
Colour	lime	lime	lime
Size	M	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

uvex hi-com				
Art. no.	2112.100	2112.101	2112.120	2112.106
Design	without cord	with cord	without cord	without cord
Standard	EN 352-2	EN 352-2	EN 352-2	EN 352-2
	additional requirement: W	additional requirement: W	additional requirement: W	additional requirement: W
SNR	24 dB	24 dB	24 dB	24 dB
Colour	lime	lime	lime	beige
Size	M	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

uvex one-fit

- ergonomically pre-shaped disposable earplugs, bulk version also available
- soft polyurethane foam ensures a high comfort factor

uvex one-fit		
Art. no.	2112.045	2112.046
Design	without cord	without cord
Standard	EN 352-2	EN 352-2
	additional requirement: S, V, W	additional requirement: S, V, W
SNR	31 dB	31 dB
Colour	teal green	teal green
Size	M	M
Packaging	200 pairs, packed in pairs	200 pairs, loose in the refill pouch

SNR: 31 dB	H: 33 dB	M: 27 dB	L: 23 dB					
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	22.5	26.7	29.7	33.8	34.0	36.4	40.5	44.0
SD dB	9.0	9.1	8.5	8.7	7.1	3.3	3.3	4.5
APV dB	13.5	17.6	21.2	25.1	26.9	33.1	37.1	39.5



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

Hearing Protection

Disposable ear plugs



2112.012



2112.004
2112.121

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.	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, E	additional requirement: S, V, W, E	additional requirement: S, V, W, E
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	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	



2112.010



2112.001
2112.123

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.	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, E	additional requirement: S, V, W, E	additional requirement: S, V, W, E
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	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	



2112.060
2112.122

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

uvex xtra-fit	
Art. no.	2112.060
Design	without cord
Standard	EN 352-2
	additional requirement: S, V, W, E
SNR	36 dB
Colour	orange
Size	L
Packaging	200 pairs, 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



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

uvex dispenser “one2click”	
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	uvex hi-com	uvex hi-com	uvex xtra-fit
Art. no.	2112.022	2112.023	2124.003	2112.118	2112.119	2112.061
Design	without cord	without cord	replacement earplugs	without cord	without cord	without cord
Standard	EN 352-2	EN 352-2	EN 352-2	EN 352-2	EN 352-2	EN 352-2
	additional requirement:	additional requirement:	additional requirement:	additional requirement:	additional requirement:	additional requirement:
	S, V, W, E	S, V, W, E	W	W	W	S, V, W, E
SNR	37 dB	33 dB	26 dB	24 dB	24 dB	36 dB
	(see page 77)	(see page 77)	(see page 76)	(see page 76)	(see page 76)	(see page 77)
Colour	lime	light orange	lime	lime	beige	orange
Size	M	S	M	M	M	L
Packaging	refill box, 300 pairs, loose	refill box, 300 pairs, loose	refill box, 400 pairs, loose	refill box, 300 pairs, loose	refill box, 300 pairs, loose	refill box, 250 pairs, loose



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), uvex whisper (2111.201), uvex whisper+ (2111.212).

Wall mounted dispenser	
Art. no.	2134.000
Colour	transparent
Packaging	1 unit
Earplug box not included.	

Hearing Protection

Reusable ear plugs



2111.237



2111.238



2111.235

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 at hand – in low-noise areas, the earplugs can be worn comfortably around the neck

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 at hand – in low-noise areas, the earplugs can be worn comfortably around the neck

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, E	additional requirement: S, V, W, E
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 at hand – in low-noise areas, the earplugs can be worn comfortably around the neck

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			
Art. no.	2124.011	2124.012	2124.013
Design	with reusable pin, detectable	replacement earplugs, detectable	replacement earplugs, detectable
Standard	EN 352-2	EN 352-2	EN 352-2
	additional requirement: W		
SNR	26 dB	26 dB	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	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, E
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, comfortable skin contact, reduced pressure for long term wear, 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, E
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



2125.361



2125.344



2125.362

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.	2125.361	2125.351
Design	with band	replacement earplugs
Standard	EN 352-2	
	additional requirement: W	
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 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.	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						
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.	2125.362	2124.002	2124.003
Design	with band	replacement earplugs	replacement earplugs
Standard	EN 352-2	EN 352-2	EN 352-2
SNR	26 dB	26 dB	26 dB
Colour	grey, sky blue, lime	lime	lime
Packaging	10 units	250 pairs, 5 pairs paired in mini box	400 pairs, loose in the refill 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

Wearers will appreciate the very low weight.

Padded headbands

for optimum wearer comfort.

Soft-covered ear cushions

adapt perfectly to wearers' facial contours.

A wide range of earmuffs:

ideally equipped for all situations.



Hearing Protection

K series · Passive earmuffs · Features



uvex K series



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



Padded headband
Padded headband for optimal 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
Comfortable when worn for extended periods and less weight to carry.



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

uvex K200



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



Optimum fit
Adjustable headband for a perfect fit and optimum 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, even in 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 protection for the head.

Hearing Protection

Earmuffs



2600.200



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 optimal protection
- easily adjustable for a customised fit
- range of positions possible with 360° capsule rotation

uvex K200	
Art. no.	2600.200
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



2600.001



uvex K1

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

uvex K1	
Art. no.	2600.001
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

Hearing Protection

Earmuffs



2600.002



uvex K2

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

uvex K2	
Art. no.	2600.002
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



2600.003



uvex K3

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

uvex K3	
Art. no.	2600.003
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



2500.030

uvex X

- foldable ear muffs
- optimal protection in high noise environments
- round design combines light weight with a small cup and high level of insulation

uvex X	
Art. no.	2500.030
Design	foldable with length adjustment
Standard	EN 352-1
SNR	36 dB
Colour	blue
Packaging	1 unit

SNR: 36 dB	H: 38 dB	M: 34 dB	L: 26 dB						
f/Hz	125	250	500	1000	2000	3150	4000	6300	8000
MA dB	20.9	29.1	35.7	41.6	39.4	43.0	41.7	42.4	42.4
SD dB	3.5	2.2	3.1	2.5	2.9	2.7	2.2	3.3	3.7
APV dB	17.4	26.9	32.6	39.1	36.5	40.3	39.5	39.1	38.7

Hearing Protection Earmuffs



2500.036

uvex sV

- earmuffs in hi-visibility colour
- with short headband for those with a smaller head
- fluorescent surface reflects light to enhance wearer visibility
- optimal wearer comfort thanks to small cup volume

uvex sV	
Art. no.	2500.036
Design	foldable in high-visibility design
Standard	EN 352-1
SNR	27 dB
Colour	fluorescent yellow
Packaging	1 unit

SNR: 27 dB	H: 31 dB	M: 24 dB	L: 16 dB						
f/Hz	125	250	500	1000	2000	3150	4000	6300	8000
MA dB	13.2	15.0	26.8	32.9	35.0	39.3	36.6	36.0	34.9
SD dB	2.5	1.5	3.8	3.2	4.6	1.6	4.8	4.5	4.2
APV dB	10.7	13.5	23.0	29.7	30.4	37.7	31.8	31.5	30.7



2500.032

uvex 3V

- foldable ear muffs in hi-visibility colour
- fluorescent surface reflects light to enhance wearer visibility
- optimal wearer comfort thanks to small cup volume

uvex 3V	
Art. no.	2500.032
Design	foldable in high-visibility design
Standard	EN 352-1
SNR	31 dB
Colour	fluorescent yellow
Packaging	1 unit

SNR: 31 dB	H: 34 dB	M: 29 dB	L: 21 dB						
f/Hz	125	250	500	1000	2000	3150	4000	6300	8000
MA dB	17.9	21.6	33.2	38.2	35.2	34.7	36.2	40.5	38.8
SD dB	3.0	2.7	2.7	4.1	3.3	2.7	2.9	3.3	3.0
APV dB	14.9	18.9	30.5	34.1	31.9	31.9	33.3	37.2	35.8



2500.031

uvex xV

- foldable ear muffs in hi-visibility colour
- fluorescent surface reflects light to enhance wearer visibility
- high level of protection and therefore, optimal protection in high noise environments
- optimal wearer comfort thanks to small capsule volume

uvex xV	
Art. no.	2500.031
Design	foldable in high-visibility design
Standard	EN 352-1
SNR	36 dB
Colour	Fluorescent yellow
Packaging	1 unit

SNR: 36 dB	H: 38 dB	M: 34 dB	L: 26 dB						
f/Hz	125	250	500	1000	2000	3150	4000	6300	8000
MA dB	20.9	29.1	35.7	41.6	39.4	43.0	41.7	42.4	42.4
SD dB	3.5	2.2	3.1	2.5	2.9	2.7	2.2	3.3	3.7
APV dB	17.4	26.9	32.6	39.1	36.5	40.3	39.5	39.1	38.7

Hearing Protection

Earmuffs with helmet attachment



2600.201



uvex K1H

- earmuffs, ideal for combining with helmet and visor
- suitable for all uvex safety helmets: uvex pheos B-WR, uvex pheos alpine, uvex airwing, uvex superboss (additional adapter systems for combination available on request)
- length is easily adjustable for a perfect fit on the helmet
- soft ear cushions adapt to surface and head shape to ensure optimal 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



2600.202



uvex K2H

- earmuffs, ideal for combining with helmet and visor
- suitable for all uvex safety helmets: uvex pheos B-WR, uvex pheos alpine, uvex airwing, uvex superboss (additional adapter systems for combination available on request)
- 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



2500.025

uvex 3200H

- dielectric ear muffs for safety helmets
- suitable for use in workplace environments with exposure to electrical voltage
- individually adjustable ear piece attachments

uvex 3200H								
Art. no.	2500.025							
Design	helmet ear muffs							
Standard	EN 352-3							
SNR	32 dB							
Colour	blue							
Packaging	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 changing 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



2600.204
2600.205



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

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:



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



Hearing Protection Accessories



2599.971
2599.972



2000.017
2000.018

2000.020



2599.978



2000.015



2000.021

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 K1H	accessories for uvex K2, uvex K2H, uvex pheos K2H, uvex pheos K2H magnet, uvex K3
Packaging	1 set	1 set

Hygiene kit · Replacement pads

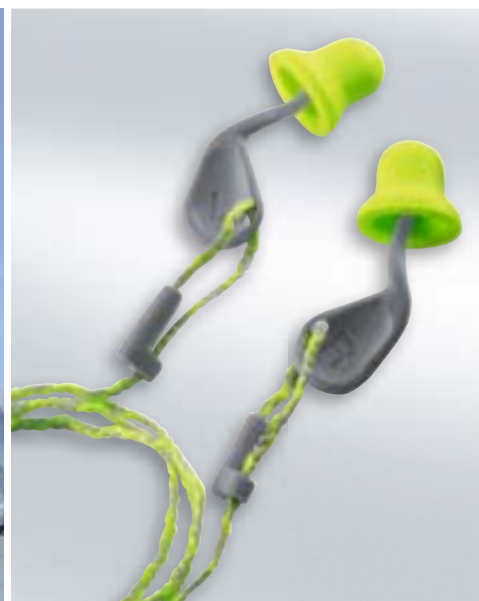
Hygiene kit · Replacement pads			
Art. no.	2000.017	2000.018	2000.020
Design	accessories for uvex sV	accessories for uvex 3V, uvex 3200H	accessories for uvex x, uvex xV
Packaging	1 set	1 set	1 set

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

uvex sweat absorber

uvex sweat absorber		
Art. no.	2000.015	2000.021
Design	accessories for uvex sV, uvex 3V, uvex 3200H	accessories for uvex x, uvex xV
Packaging	bag of 10 pairs	bag of 10 pairs



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
2000.015		Sweat absorber for uvex sV, uvex 3V, uvex 3200H		bag of 10 pairs	90
2000.017		Hygiene kit – replacement pads for uvex sV		1 set	90
2000.018		Hygiene kit – replacement pads for uvex 3V, uvex 3200H		1 set	90
2000.020		Hygiene kit – replacement pads for uvex x, uvex xV		1 set	90
2000.021		Sweat absorber for uvex x, uvex xV		bag of 10 pairs	90
2111.201	uvex whisper	Reusable earplugs with cord in a mini box	orange	box of 50 pairs	79
2111.212	uvex whisper+	Reusable earplugs with cord in a mini box	lime	box of 50 pairs	79
2111.235	uvex whisper supreme	Reusable earplugs with cord in earplug box	yellow	box of 50 pairs	79
2111.237	uvex whisper	Reusable earplugs with cord in earplug box	orange	box of 50 pairs	79
2111.238	uvex whisper+	Reusable earplugs with cord in earplug box	lime	box of 50 pairs	79
2111.239	uvex whisper+ detec	Detectable reusable earplugs with cord in earplug box	blue	box of 50 pairs	80
2112.000		"one 2 click" dispenser for 600 pairs of earplugs		1 unit	78
2112.001	uvex x-fit	Disposable earplugs without cord	lime	200 pairs, packed in pairs	77
2112.004	uvex com4-fit	Disposable earplugs without cord	light orange	200 pairs, packed in pairs	77
2112.010	uvex x-fit	Disposable earplugs with cord	lime	100 pairs, packed in pairs	77
2112.011	uvex x-fit detec	Detectable disposable earplugs with cord	blue	100 pairs	80
2112.012	uvex com4-fit	Disposable earplugs with cord	light orange	100 pairs, packed in pairs	77
2112.022	uvex x-fit	Refill box	lime	300 pairs loose in box	78
2112.023	uvex com4-fit	Refill box	light orange	300 pairs loose in box	78
2112.045	uvex one-fit	Disposable earplugs without cord	teal green	200 pairs, packed in pairs	76
2112.046	uvex one-fit	Refill bag	teal green	200 pairs loose in a bag	76
2112.060	uvex xtra-fit	Disposable earplugs without cord	orange	200 pairs, packed in pairs	77
2112.061	uvex xtra-fit	Refill box	orange	250 pairs loose in a box	78
2112.100	uvex hi-com	Disposable earplugs without cord	lime	200 pairs, packed in pairs	76
2112.101	uvex hi-com	Disposable earplugs with cord	lime	100 pairs, packed in pairs	76
2112.106	uvex hi-com	Disposable earplugs without cord	beige	200 pairs, packed in pairs	76
2112.114	uvex hi-com detec	Detectable disposable earplugs with cord	blue	box of 50 pairs	80
2112.118	uvex hi-com	Refill box	lime	300 pairs loose in box	78
2112.119	uvex hi-com	Refill box	beige	300 pairs loose in box	78
2112.120	uvex hi-com	Retail mini box	lime	6 pairs in retail mini box	76
2112.121	uvex com4-fit	Retail mini box	light orange	6 pairs in retail mini box	77
2112.122	uvex xtra-fit	Retail mini box	orange	6 pairs in retail mini box	77
2112.123	uvex x-fit	Retail mini box	lime	6 pairs in retail mini box	77
2112.124	uvex xact-fit	Retail mini box	grey, lime	1 pair with cord, 2 pairs of replacement earplugs	76
2124.001	uvex xact-fit	Earplugs with cord and pin	lime, grey	50 pairs, paired in mini box	76
2124.002	uvex xact-fit	Replacement earplugs	lime	250 pairs, paired in mini box	76/81
2124.003	uvex xact-fit	Refill box	lime	400 pairs loose in box	78/81
2124.011	uvex xact-fit detec	Detectable earplugs with arm	blue	50 pairs, paired in mini box	80
2124.012	uvex xact-fit detec	Replacement earplugs	blue	250 pairs, paired in mini box	80
2124.013	uvex xact-fit detec	Refill box	blue	400 pairs loose in box	80
2125.344	uvex x-fold	Folding banded ear protector	grey, sky blue, lime	5 units, individually packed in a polythene bag	81
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	81
2125.361	uvex x-cap	Banded ear protector	grey, sky blue, lime	15 units, individually packed in a polythene bag	81
2125.362	uvex xact-band	Banded ear protector	grey, sky blue, lime	Box of 10 units	81
2134.000		Wall-mounted dispenser		1 unit	78
2500.025	uvex 3200H	Earmuffs with helmet attachment	blue	1 set	87
2500.030	uvex x	Passive earmuffs	blue	1 unit	85
2500.031	uvex xV	Passive earmuffs	fluorescent yellow	1 unit	86
2500.032	uvex 3V	Passive earmuffs	fluorescent yellow	1 unit	86
2500.036	uvex sV	Passive earmuffs	fluorescent yellow	1 unit	86
2599.971		Hygiene kit uvex K series standard		1 set	90
2599.972		Hygiene kit uvex K series premium		1 set	90
2599.978		Comfort pads		5 pairs in polythene bag	90
2600.001	uvex K1	Passive earmuffs	black, green	1 unit	84
2600.002	uvex K2	Passive earmuffs	black, yellow	1 unit	85
2600.003	uvex K3	Passive earmuffs	black, red	1 unit	85
2600.200	uvex K200	Passive earmuffs	black, ochre	1 unit	84
2600.201	uvex K1H	Earmuffs with helmet attachment	black, green	1 set	87
2600.202	uvex K2H	Earmuffs with helmet attachment	black, yellow	1 set	87
2600.204	uvex pheos K2H	Earmuffs with helmet attachment	black, yellow	1 set	89
2600.205	uvex pheos K2H magnet	Earmuffs with helmet attachment	black, yellow	1 set	89