

uvex

PROTECTING PEOPLE



Hearing Protection

Applied innovation

Manufacturing and technologic



uvex industrial health and safety – the systems provider with world class manufacturing expertise

80% of our entire net output is produced in our own manufacturing plants, where we combine the very latest technology with the power of innovation and years of experience.

Our quality management systems meet the very highest requirements and all of our plants are certified in accordance with the ISO 9001:2000 quality management standard.

SwedSafe have built an ultra modern production facility, incorporating their own research and development activities, in Höör, Sweden.

SwedSafe have rapidly become one of the leading producers in their field thanks to their research and development competence, successful partnerships with renowned hearing protection specialists and cooperation with product testing institutions worldwide – all while setting new standards in environmental protection.

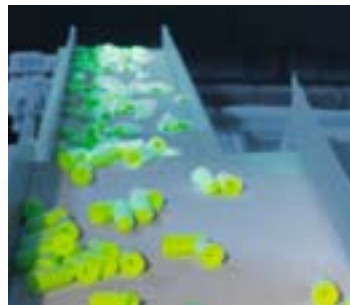


al expertise



Value follows innovation

swedsafe is a specialist in foam processing. Its own polyurethane foam consists of an optimised mixture ratio and the foam's cell structures and homogeneity, undergo regular stringent testing. Excellent manufacturing know-how produces earplugs with a noticeably improved recovery time and clamping pressure. In addition to a range of technological innovations, swedsafe products include new functions and innovative features that will to impress. As a consequence swedsafe have a large number of patents pending, confirming just how innovative these hearing protection specialists are.



uvex xact-fit – a new dimension in hearing protection

These innovative earplugs adapt perfectly to the shape of the ear and feature a revolutionary design which imitates the anatomy of each ear. This noticeably reduces the pressure in the ear canal, even when worn for longer periods. The ergonomic shape guarantees optimum wearer comfort, and makes the earplugs easier to handle: thumb indentations on the stem serve as a handle to facilitate quick easy and correct insertion. In addition, it is not necessary to handle the earplugs before insertion as they do not need to be rolled-making them more hygienic to handle.

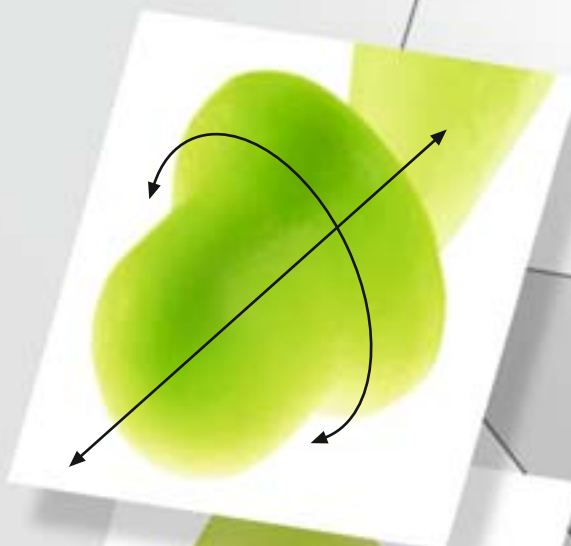
SNR: 26 dB(A)			H: 28 dB(A)		M: 23 dB(A)		L: 19 dB(A)	
f/Hz	63	125	250	500	1000	2000	4000	8000
Insulation dB(A)	16.6	19.4	22.0	25.6	27.5	31.8	34.4	36.9
SD dB(A)	5.4	4.9	4.2	4.9	4.7	3.8	4.4	6.0
APV dB(A)	11.2	14.5	17.8	20.7	22.8	28.0	30.0	30.9

Art. no.	2124.001
Model	lime, with stem and cord
Box	50 pairs, 50 pairs, paired in mini box

Replacement earplugs	
Art. no.	2124.002
Model	lime
Box	250 pairs 5 pairs per mini box

Optimum fit

The oval-shaped foam earplugs mimic the shape of the ear canal and improve wearer comfort.

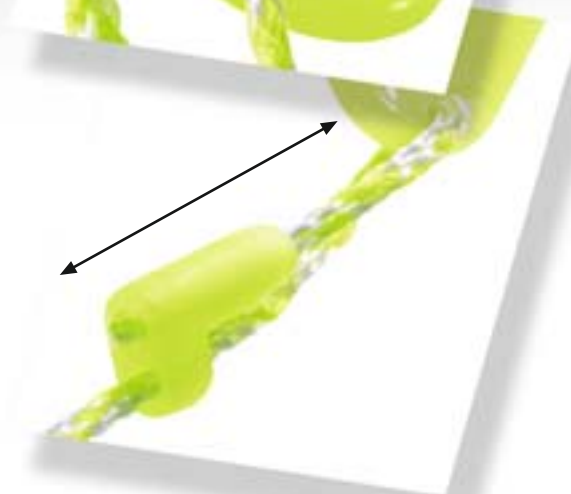


Ergonomic thumb indentations

The ergonomic thumb indentations enable easy handling and correct insertion of the earplugs.



Adjustable cord



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

uvex 3D – intelligent ergonomics

A new dimension in wearer comfort

The ergonomically shaped stems for the left and right ears improve wearer comfort and make it much easier to insert and remove the earplugs.



uvex 3D is setting new benchmarks for fit and wearer comfort: the innovative product system stands out for its perfect ergonomic design, which affords extreme flexibility for adaptation to the human anatomy.

The highest degree of functionality combined with optimum wearer comfort: uvex 3D products take individuality into account and offer a perfect fit for every situation – this is the best basis for professional and safe protective equipment.

Hearing Protection

All ears when it comes to safety

Hearing protection:
choosing the right product using the SNR method

Goal = noise level – SNR value

e.g. metalwork Noise level 100 dB(A)

Affordable
uvex 1 earpieces SNR 21 dB

The optimum value with hearing protection is between 70 and 80 dB. **= 79 dB**

Occupational Safety Directive on Noise and Vibration

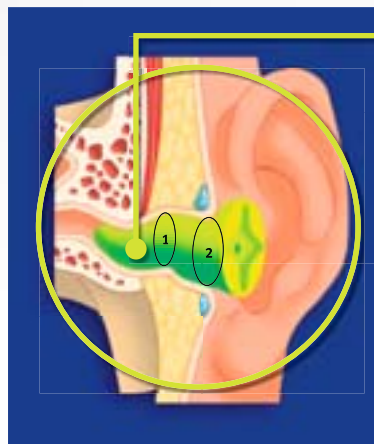
Informing employees													
Information and instruction													
General occupational health advice													
Hearing protection													
Provision of hearing protection													
Use of hearing protection													
Not permissible for hearing protection													
Occupational 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	L _{Aeq} , 8h in dB(A)
134	135	136			137	138	139	140	141	142	143	L _{pC} , peak in dB(C)	

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 via ISO 9001/1994.

The authoritative DIN EN norms are:

- EN 352-1 Earmuffs
- EN 352-2 Earplugs
- EN 352-3 Helmets and earpieces



uvex x-grip technology

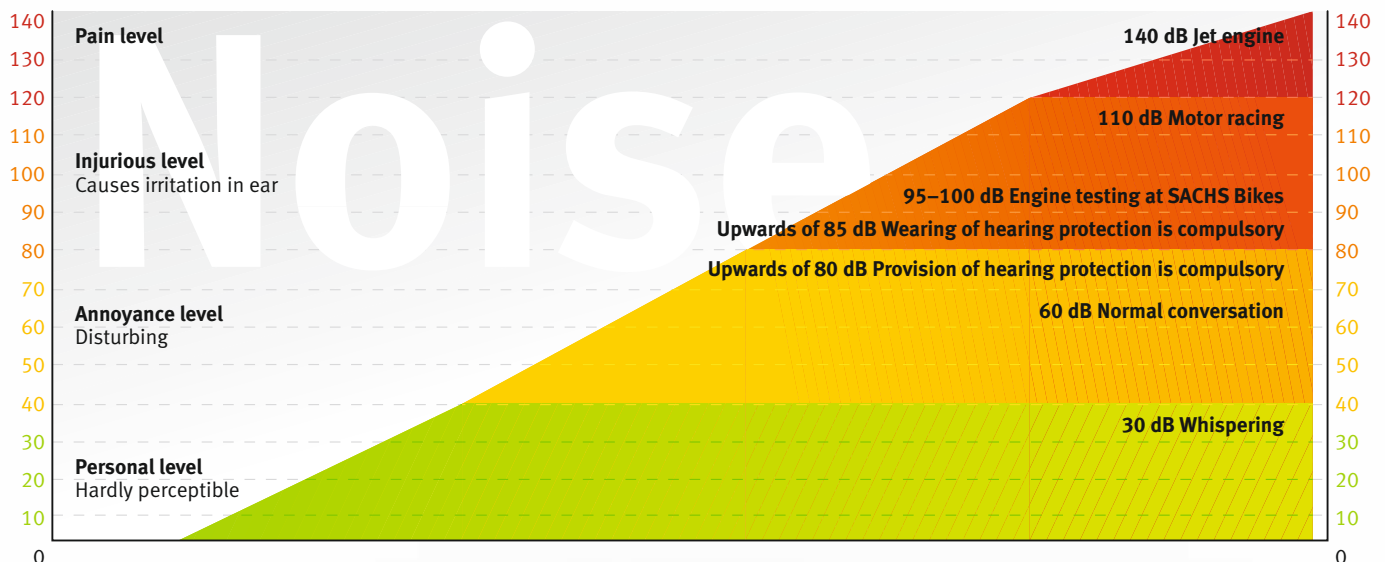
correct fitting

- + Pleasant and comfortable fitting because of an optimal configuration with the ear canal. Perfect attenuation due to a soft canal sealing.
- + Linear attenuation = recognition of important signals.
- + Wearer is not isolated (incommunicado).
- + No distortion of sound characteristics.

Absorption figures

The significant advantages of uvex earplugs include their outstanding absorption and real comfort thanks to the unique cellular structure of the plug.

Pressure sensitive zones:
1. ear canal bend
2. oval ear canal entrance



Hearing Protection

Disposable hearing protection plugs



As one of the leading suppliers in the field of motor sports, we understand what's required. This not only applies to eyewear, helmets and protective clothing, but to hearing protection as well.

Motor sports enthusiasts wear hearing protection as a matter of course but what about people in industry? Are they as aware of the need to protect their hearing.

Loss of hearing is a gradual process yet we seldom if ever are conscious of deterioration until it's too late. Workplace noise can easily be compounded by factors within our everyday environment such as traffic, domestic machinery, gadgets and loud music, all of which contribute to the invisible problem of impaired and irreversible loss of hearing. It is a fact that threatens to our hearing are

largely invisible that should force us to address them positively and continuously. Long-term damage does not normally become apparent until about 10 to 20 years later.

The motorcycle specialists at Sachs Bikes in Nuremberg are aware of this danger too. For this reason, the engineers working on the engine test-stand, just like the entire workforce in other production departments, protect their hearing with uvex ear protection products.

Together, we have an opportunity and an obligation to educate people who are at risk due to workplace noise and to provide them with the very best, most comfortable safety solutions.



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.

uvex academy

The essentials of hearing protection



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

- Principles and importance of human hearing
- Hearing difficulties and tinnitus demo
- Comprehensive overview of the challenges of 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 protection 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, 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



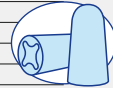
Hearing Protection

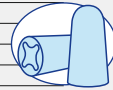
Disposable hearing protection plugs

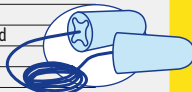
uvex x-fit

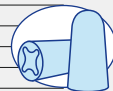
- Top protection – very high absorption levels
- Top sound – excellent voice recognition
- Top fit – very comfortable to wear

The ergonomically shaped uvex x-fit disposable earplug is characterised by very high sound absorption levels, making it suitable for use in very loud environments. The uvex x-fit foam earplug has a sealed surface, preventing foreign bodies from penetrating the plug. The soft foam offers real comfort, even when worn for extended periods. The ‚x‘ emboss in the end of the plug makes it easy to remove while simultaneously reducing the pressure on the outer wall of the ear canal.

Art. no.	2112.001	
Model	lemon, without cord	
Box	200 pairs bagged in pairs	

Art. no.	2112.015	
Model	lemon, without cord	
Box	60 pairs in a zip-top polythene bag	

Art. no.	2112.010	
Model	lemon, with cord	
Box	100 pairs bagged in pairs	

Art. no.	2112.013	
Model	lemon, without cord	
Box	50 pairs loose in a mini dispenser	

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




2112.010

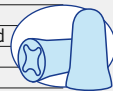
2112.001
2112.013
2112.015

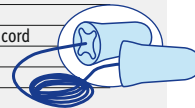
uvex com4-fit

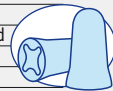
The ‚x‘ emboss in the end of the plug makes it easy to remove while simultaneously reducing the pressure in the wall part of the ear canal.

With its more compact ergonomic design, the uvex com4-fit is comfortable for wearers with narrower auditory canals. The com4-fit has a sealed surface, preventing foreign bodies from penetrating the plug. The soft foam offers real comfort, even when worn for extended periods. Can also be used in quieter environments.

Art. no.	2112.004	
Model	magenta, without cord	
Box	200 pairs bagged in pairs	

Art. no.	2112.016	
Model	magenta, without cord	
Box	60 pairs in a zip-top polythene bag	

Art. no.	2112.012	
Model	magenta, with cord	
Box	100 pairs bagged in pairs	

Art. no.	2112.014	
Model	magenta, without cord	
Box	50 pairs loose in a mini dispenser	



2112.012

2112.004
2112.014
2112.016

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

Hearing Protection

Disposable hearing protection plugs



2112.101



2112.107



2112.100
2112.104
2112.105




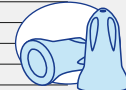
2112.106
2112.110
2112.111

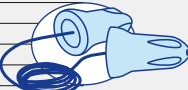
uvex hi-com

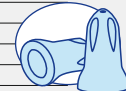
The highly innovative shape of the uvex hi-com reduces the level of sound that can build up in the inner ear when wearing hearing protection. The innovative channel and cavity design increases the surface area and absorption. The earplug delivers softer acoustics and absorbs noise interference, making it possible to hear speech and warning sounds clearly. With its reduced absorption of 24 dB, there is no risk of over-protection in scenarios with medium noise exposure. The soft earplug can be made to fit comfortably, even in narrower auditory canals, simply by rolling it gently.


The hi-com is available in bright, highly visible lemon or in discreet fawn.

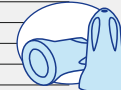
Art. no.	2112.100	
Model	lemon, without cord	
Box	200 pairs bagged in pairs	


Art. no.	2112.105	
Model	lemon, without cord	
Box	60 pairs 5 pairs in zip-top polythene bag	


Art. no.	2112.101	
Model	lemon, with cord	
Box	100 pairs bagged in pairs	

Art. no.	2112.104	
Model	lemon, without cord	
Box	50 pairs loose in a mini dispenser	

Art. no.	2112.106	
Model	fawn, without cord	
Box	200 pairs bagged in pairs	

Art. no.	2112.111	
Model	fawn, without cord	
Box	60 pairs 5 pairs in zip-top polythene bag	

Art. no.	2112.107	
Model	fawn, with cord	
Box	100 pairs bagged in pairs	

Art. no.	2112.110	
Model	fawn, without cord	
Box	50 pairs loose in a mini dispenser	

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

Hearing Protection

Disposable hearing protection plugs



uvex x-fit Dispenser "one 2 click"

Easy-to-use, robust wall-mounted dispenser. Easy installation and a controlled release mechanism which ensures the correct number of plugs are dispensed. The audible "one-2-click" system prevents over supply thus reducing wastage costs. The transparent design makes it easy to monitor the number of earplugs remaining. A collecting tray catches the earplugs.

Installed at a convenient location, the dispenser has sufficient capacity to supply large production areas with hearing protection at a favourable price.

Art. no.	2112.000
Box	1 Dispenser for 400 pairs of earplugs
Earplugs not included.	

Refill Packs

The dispenser can be filled with the following foam earplugs. The refill box is made of environmentally-friendly cardboard which can be recycled to reduce waste.

uvex x-fit refill box	
Art. no.	2112.022
Model	lime, 300 pairs, loose in the refill box
SNR 37	H = 36, M = 34, L = 34 (see art. no. 2112.001 on p. 9)

uvex hi-com refill box	
Art. no.	2112.118
Model	lime, 300 pairs loose in the refill box
SNR 24	H = 26, M = 20, L = 18 (see art. no. 2112.100 on p. 10)

uvex com4-fit refill box	
Art. no.	2112.023
Model	magenta, 300 pairs, loose in the refill box
SNR 33	H = 33, M = 30, L = 29 (see art. no. 2112.004 on p. 9)

uvex com4-fit refill box	
Art. no.	2112.119
Model	fawn, 300 pairs loose in the refill box
SNR 24	H = 26, M = 20, L = 18 (see art. no. 2112.106 on p. 10)



Wall mounted dispenser

High-quality wall mounted dispenser made of Perspex material. The dispenser assures the easy availability of detectable hearing protectors in noise exposure areas. The following earplug boxes fit in:

detectable hearing protection:	
x-fit detec	Art. no.: 2112.011
whisper+detec	Art. no.: 2111.213
hi-com detec	Art. no.: 2112.114

Art. no.	2134.000
Retail unit	1 dispenser
Box not included.	

other hearing protection products:	
x-fit	Art. no.: 2112.001
	Art. no.: 2112.010
com4-fit	Art. no.: 2112.004
	Art. no.: 2112.012
hi-com lemon	Art. no.: 2112.100
	Art. no.: 2112.101
hi-com fawn	Art. no.: 2112.106
	Art. no.: 2112.107
whisper	Art. no.: 2111.201
	Art. no.: 2111.202
whisper+	Art. no.: 2111.212
	Art. no.: 2111.217



Hearing Protection

Reusable ear plugs



2111.201

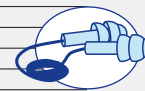
2111.202

uvex whisper

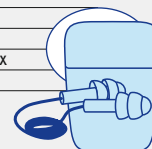
Plugs are often used in dirty working environments making it likely that particles will collect on the surface of the material, causing minor injuries and irritation. The smooth, dirt-repellent surface of the uvex whisper can be cleaned using soap and water, maintaining the wearer's comfort and safety.

The corded uvex whisper is easy to store when not in use and an individual carrying case promotes good hygiene.

Art. no. 2111.201
 Model with cord
 in a mini box
 Retail unit box of 50 pairs



Art. no. 2111.202
 Model with cord
 in a hygiene box
 Retail unit box of 50 pairs



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

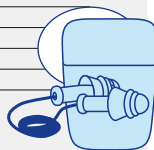
uvex whisper+

The corded uvex whisper is easy to store when not in use and an individual carrying case promotes good hygiene.

Art. no. 2111.212
 Model with cord
 in a mini box
 Box 50 pairs



Art. no. 2111.217
 Model with cord
 in a hygiene box
 Box 50 pairs



2111.212

2111.217

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

uvex hygiene box

A sturdy, transparent case for storing earplugs safely and hygienically.

The hygiene box can be attached to a belt, so that your earplugs are at hand whenever you need them.

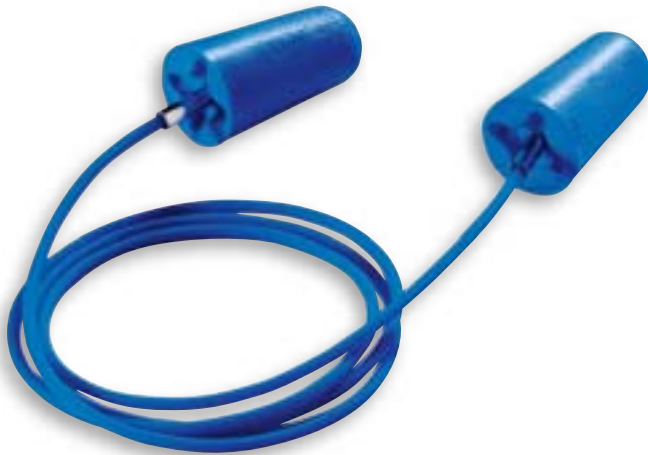
Art. no. 2111.401
 Model transparent
 Box 50 boxes



Hearing Protection

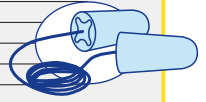
Detectable

uvex x-fit detec



The x-fit detec is a detectable disposable earplug for the food industry. The x-fit detec is economical, safe, comfortable, detectable and absorbs noise. Its bright blue colour makes it easier to see in production areas. The connecting cord makes it practical to wear and limits the risk of process contamination.

Art. no.	2112.011
Model	blue with cord
Box	100 pairs

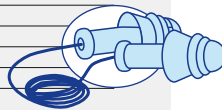


SNR: 37 dB(A)			H: 36 dB(A)		M: 34 dB(A)		L: 34 dB(A)	
f/Hz	63	125	250	500	1000	2000	4000	8000
Insulation dB(A)	35.3	38.4	39.3	40.8	38.9	37.8	45.9	45.1
SD dB(A)	4.2	6.3	5.3	5.5	5.5	4.3	3.9	4.6
APV dB(A)	31.1	32.1	34.0	35.3	33.4	33.5	42.0	40.5

uvex whisper + detec

Comfortable, noise absorbent, reusable, detectable and safe – the new whisper + detec is all of these! The earplugs are made of washable plastic from the field of medical technology. Its bright blue colour makes it easier to see in production areas.

Art. no.	2111.213
Model	blue with cord
Box	50 pairs



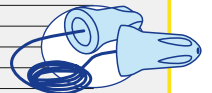
SNR: 27 dB(A)			H: 27 dB(A)		M: 24 dB(A)		L: 22 dB(A)	
f/Hz	63	125	250	500	1000	2000	4000	8000
Insulation dB(A)	26.6	26.9	24.3	26.1	28.8	32.8	32.6	38.1
SD dB(A)	6.1	6.1	4.1	5.1	5.1	5.0	6.5	5.3
APV dB(A)	20.5	20.8	20.2	21.0	23.7	27.8	26.1	32.8

uvex hi-com detec

The hi-com detec is a detectable disposable earplug for the food industry. Its bright blue colour makes it easy to see in production areas. The highly innovative shape of the uvex hi-com reduces the level of sound that can build up in the inner ear when wearing hearing protection. The earplug design makes it possible to understand speech and warning signals clearly and with its SNR 24 dB rating, there is no risk of overprotection in areas with medium noise exposure.

This soft, ergonomically designed earplug, offers a high level of wearer comfort, even in narrower auditory canals.

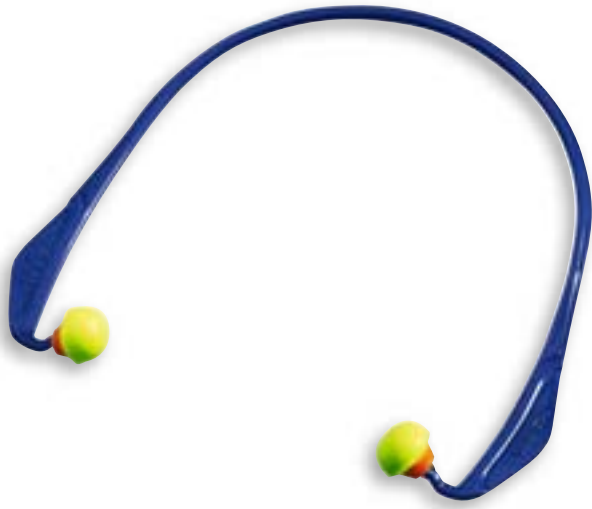
Art. no.	2112.114
Model	blue with cord
Box	100 pairs



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

Hearing Protection

Banded ear protection



uvex x-cap

Innovative and unique, soft, oval-shaped foam earplugs guarantee a comfortable fit. The band is ergonomically shaped and its stability limits contact with clothing and resulting sound transmission. x-cap is a lightweight banded ear protector that weighs just 8 g.

Art. no.	2125.341
Model	blue/lime/orange
	packed individually in polythene bags
Box	10 protectors

Ideal for short jobs, moving in and out of noise areas or for visitors.

SNR: 24 dB(A)			H: 27 dB(A)		M: 19 dB(A)		L: 18 dB(A)	
f/Hz	63	125	250	500	1000	2000	4000	8000
Insulation dB(A)	23.7	22.0	21.6	19.0	23.8	31.9	39.6	39.6
SD dB(A)	4.0	2.9	4.7	4.3	3.6	4.0	2.7	3.7
APV dB(A)	19.7	19.1	16.9	14.7	20.2	27.9	36.9	35.9

uvex x-fold

Innovative and unique, soft, oval-shaped foam earplugs guarantee a comfortable fit. The band is ergonomically shaped and its stability limits contact with clothing and resulting sound transmission. x-fold is a lightweight banded ear protector that weighs just 8 g. Ideal for short jobs, when on the move or for visitors. uvex x-fold features an intelligent hinge concept, making it easy to fold up and take with you. It fits neatly in a breast pocket, and is therefore close to hand whenever you need it.

Art. no.	2125.344
Model	blue/lime/orange
	packed individually in polythene bags
Box	5 protectors



SNR: 23 dB(A)			H: 26 dB(A)		M: 18 dB(A)		L: 17 dB(A)	
f/Hz	63	125	250	500	1000	2000	4000	8000
Insulation dB(A)	24.2	23.8	20.5	18.5	21.6	31.3	36.3	39.4
SD dB(A)	4.4	3.2	3.4	4.7	2.6	3.6	2.5	3.3
APV dB(A)	19.7	20.6	17.1	13.8	19.0	27.8	33.9	36.1

Spare earplugs

for uvex x-cap and uvex x-fold banded ear protectors

Art. no.	2125.351
Colour	lime/orange
Box	60 pairs
	5 pairs loose in a zip-top polythene bag



Hearing Protection

uvex earmuff range



uvex sV

This model has a short headband and is ideal for those with a smaller head circumference. The fluorescent surface of the headband reflects the light and the luminous cups glow in the dark. uvex sV therefore makes the wearer visibly more noticeable.

Art. no.	2500.036
Colour	luminous yellow
Weight	204 g
Retail unit	1 earmuff

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

uvex 1

uvex 1 is a dielectric earmuff. It combines perfect individual demands of adjustability with its three – position headband system and excellent attenuation for moderate noise areas in leisure and industry. The dielectricity defines uvex 1 for use close to high voltage.

Art. no.	2500.000
Colour	blue
Weight	121 g
Retail unit	1 earmuff



SNR: 21 dB(A)			H: 25 dB(A)		M: 18 dB(A)		L: 12 dB(A)		
f/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Band worn across head									
MA dB(A)	9.4	10.5	22.0	21.7	29.5	35.2	35.8	33.4	32.1
SD dB(A)	3.2	2.2	2.3	2.6	4.5	3.2	3.4	4.4	5.1
APV dB(A)	6.2	8.3	19.7	19.1	25.0	32.0	32.4	29.0	27.0
Band worn around neck									
MA dB(A)	9.1	10.9	21.5	21.4	29.1	35.0	35.8	35.4	33.9
SD dB(A)	2.6	2.7	3.4	2.6	4.4	3.8	3.5	2.8	3.0
APV dB(A)	6.5	8.2	18.1	18.8	24.7	31.2	32.3	32.6	30.9
Band worn under chin									
MA dB(A)	10.7	10.5	21.2	20.8	31.3	35.4	36.0	33.6	33.2
SD dB(A)	3.8	1.4	3.1	2.3	4.0	3.8	4.2	6.7	7.2
APV dB(A)	6.9	9.1	18.1	18.5	27.3	31.6	31.8	26.9	26.0

Hearing Protection

uvex earmuff range



2500.001

2500.003

uvex 2

The foldable earmuff has a high-quality steel headband and dual suspension system to ensure optimum protection and wearer comfort, particularly when worn for extended periods. Low weight and small volume are key features of the design.

Art. no.	2500.001
Colour	blue
Weight	207 g
Retail unit	1 earmuff

uvex 2C

The soft, padded headband maximises the level of comfort. The fluorescent surface reflects light and makes the wearer more visible, increasing their safety. The cups are lined with highly absorbent hygienic pads, which are comfortable to wear, even during demanding work.

Art. no.	2500.003
Colour	anthracite
Weight	207 g
Retail unit	1 earmuff

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

uvex 3

The uvex 3 is a foldable earmuff with the approved steel suspension headband system. The headband achieves perfect fitting to most facial profiles and is resistant to bending and warping.

The uvex 3 combines perfect protection, because of high attenuation, low weight and small volume with safe handling. The benefit is in exceptional wearer comfort which leads to high wearer acceptance levels.

Art. no.	2500.002
Colour	blue
Weight	239 g
Retail unit	1 earmuff

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



uvex 3V

The luminous cups glow in the dark and the fluorescent surface of the headband reflects the light. uvex 3V makes the wearer visibly more noticeable.

Art. no.	2500.032
Colour	luminous yellow
Weight	247 g
Retail unit	1 earmuff



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

Hearing Protection

uvex earmuff range



uvex x

The uvex x satisfies all the demands of an earmuff which must protect against extreme high noise exposure levels. The unique shape of the uvex x matches the requirement for perfect protection in extremely noisy environments. The small size and round design provides the security of perfect fitting, very high attenuation, low weight and comfortable pressure. The uvex x is the optimum in terms of comfort and efficiency for earmuffs in very noisy environments.

Art. no.	2500.030
Colour	blue
Weight	220 g
Retail unit	1 earmuff

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

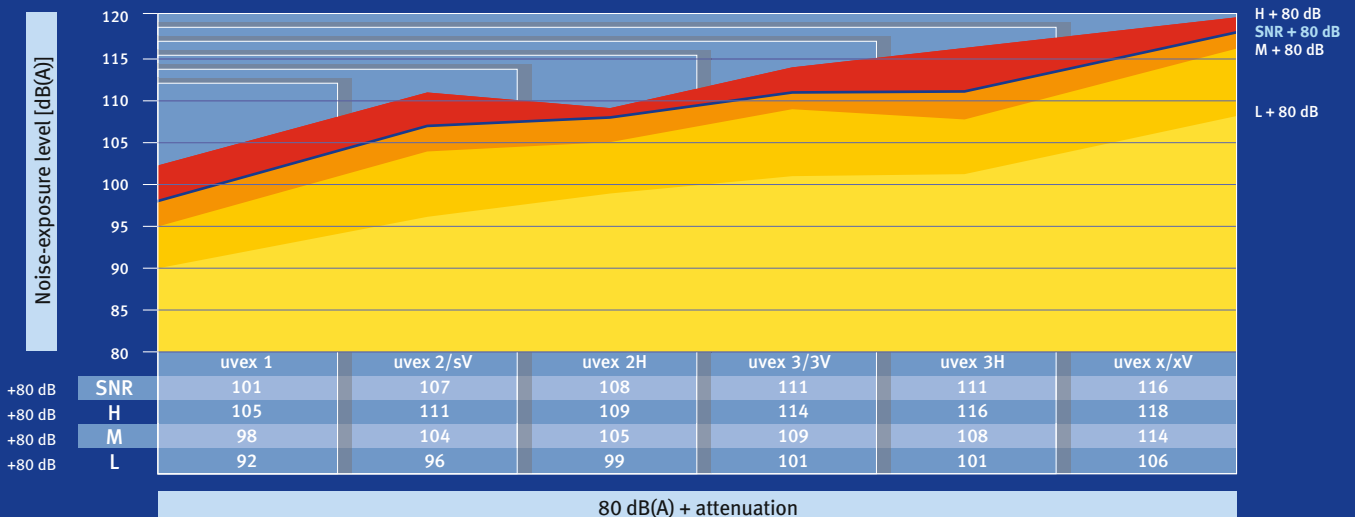
uvex xV

The luminous cups glow in the dark and the fluorescent surface of the headband reflects the light. uvex xV makes the wearer visibly more noticeable.

Art. no.	2500.031
Colour	luminous yellow
Weight	225 g
Retail unit	1 earmuff



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



Hearing Protection

Earmuffs with helmet attachment



uvex 2H · uvex 3H

Ear defenders that can be attached to uvex industrial safety helmets and uvex visors (Art. no. 9790.048). uvex 2H and uvex 3H feature a two-point pivot. Steel bands offer top, reliable protection and comfort. The earpieces were designed to be small and light. uvex 2H and uvex 3H are suitable for use with the ultrasonic and ultravision wide-vision goggles: ultrasonic – art. no.: 9302.510 ultravision – art. no.: 9301.544 (see p. 42, 43) Other adaptor systems for attaching the uvex 2H/3H ear defenders to industrial safety helmets are available upon request.

uvex 2H	
Art. no.	2500.021
Colour	blue
Weight	235 g
Retail unit	1 set
uvex 3H	
Art. no.	2500.022
Colour	blue
Weight	245 g
Retail unit	1 set

Helmet not included!

SNR: 28 dB(A)	Art. no. 2500.021			H: 29 dB(A)		M: 25 dB(A)		L: 19 dB(A)	
f/Hz	125	250	500	1000	2000	3150	4000	6300	8000
MA dB(A)	15.4	19.6	25.4	33.8	33.1	36.8	34.4	32.5	33.9
SD dB(A)	1.9	2.8	2.6	4.7	5.0	4.0	3.5	4.8	6.3
APV dB(A)	13.5	16.8	22.8	29.2	28.1	32.8	30.9	27.7	27.6

SNR: 31 dB(A)	Art. no. 2500.022			H: 34 dB(A)		M: 29 dB(A)		L: 21 dB(A)	
f/Hz	125	250	500	1000	2000	3150	4000	6300	8000
MA dB(A)	16.9	21.7	27.1	37.4	37.8	38.5	38.1	38.1	40.7
SD dB(A)	2.4	2.6	2.8	2.1	2.1	2.7	2.8	2.1	2.2
APV dB(A)	14.5	19.1	24.3	35.3	35.7	35.8	35.3	36.0	38.5

uvex 3200 H

The uvex 3200 H dielectric ear muffs with helmet attachment can be used in all working environments close to electrical voltage and combines with industrial safety helmets and uvex visors (art. no. 9790.048). The individually adjustable ear piece attachments ensure the ear muffs provide reliable protection and high wearer comfort. uvex 3200 H can be combined with ultrasonic and ultravision full vision goggles: ultrasonic – art. no. 9302.510 ultravision – art. no. 9301.544 (see also page 42, 43).

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

Additional adapter systems for combining with helmet earmuffs are available on request.



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

Hearing Protection

Hygiene sets



Earmuff belt bag

When in quieter areas, your earmuffs can be kept safe and clean in the uvex belt bag. It can be easily attached to a belt, to keep your earmuffs to hand as soon as you need them. This also makes it easier for you to wear your earmuffs more.

The bag is also suitable for temporarily storing other PPE such as goggles and gloves.

Art. no.	2000.002
Colour	black/grey
Retail unit	1 bag

The earmuff belt bag is suitable for use with the following uvex earmuffs:

uvex 2	Art. no. 2500.001
uvex 3	Art. no. 2500.002
uvex x	Art.-no. 2500.030
uvex 2C	Art.-no. 2500.003
uvex 3V	Art.-no. 2500.032
uvex sV	Art. no. 2500.036
uvex xV	Art.-no. 2500.031

Hygiene kit – replacement pads

for uvex 1/2/2C/2H/sV/
3/3H/3200H/3V/x/xV

Ear muffs stay as good as new if you replace the earpiece pads from time to time. This promotes good cost management and is environmental friendly. Replacing the pads is straightforward and simple, while ensuring high standards of comfort and hygiene. Each set contains a pair of soft, snug fitting replacement pads and quality foam inserts.

Art. no.	2000.016
for model	uvex 1
Retail unit	1 set

Art. no.	2000.017
for model	uvex 2/2H/sV
Retail unit	1 set

Art. no.	2000.018
for model	uvex 3/3H/3200H/3V
Retail unit	1 set

Art. no.	2000.027
for model	uvex 2C
Retail unit	1 set

Art. no.	2000.020
for model	uvex x/xV
Retail unit	1 set



Sweat absorber

for uvex 1/2/2C/2H/sV/
3/3H/3200H/3V/x/xV

Invaluable when things heat up. The "sweat absorber set" absorbs the perspiration which inevitably results from hot working conditions.

Art. no.	2000.015
for models	uvex 1/2/2C/2H/sV/ 3/3H/3200H/3V
Box	10 pair

Art. no.	2000.021
for model	uvex x/xV
Box	10 pair



Hearing Protection

Overview

Art. no.	Name	Product	Colour	Retail unit	Page
2000.002		Earmuff belt bag	black/grey	1 unit	19
2000.015		Sweat absorber for uvex 1/2/2C/2H/3/3H/3V/sV/3200H		Bag of 10 pairs	19
2000.016		Hygiene kit – replacement pads for uvex 1		1 set	19
2000.017		Hygiene kit – replacement pads for uvex 2/2H/sV		1 set	19
2000.018		Hygiene kit – replacement pads for uvex 3/3H/3200H/3V		1 set	19
2000.020		Hygiene kit – replacement pads for uvex x/xV		1 set	19
2000.021		Sweat absorber for uvex x/xV		Bag of 10 pairs	19
2000.027		Hygiene kit – replacement pads for uvex 2C		1 set	19
2111.201	uvex whisper	Reusable ear plugs with cord in a mini box	orange	Box of 50 pairs	12
2111.202	uvex whisper	Reusable ear plugs with cord in a hygiene box	orange	Box of 50 pairs	12
2111.212	uvex whisper+	Reusable ear plugs with cord in a mini box	lime	Box of 50 pairs	12
2111.213	uvex whisper+ detec	High-visibility reusable ear plugs with cord in a mini box	blue	50 pairs	13
2111.217	uvex whisper+	Reusable ear plugs with cord in a hygiene box	lime	Box of 50 pairs	12
2111.401		Hygiene box	transparent	Box of 50 units	12
2112.000		“one 2 click” dispenser for 400 pairs of earplugs		1 unit	11
2112.001	uvex x-fit	Disposable hearing protection plugs without cord	lime	200 pairs, packed in pairs	9
2112.004	uvex com4-fit	Disposable hearing protection plugs without cord	magenta	200 pairs, packed in pairs	9
2112.010	uvex x-fit	Disposable hearing protection plugs with cord	lime	100 pairs, packed in pairs	9
2112.011	uvex x-fit detec	High-visibility disposable hearing protection plugs with cord	blue	100 pairs	13
2112.012	uvex com4-fit	Disposable hearing protection plugs with cord	magenta	100 pairs, packed in pairs	9
2112.013	uvex x-fit	Disposable hearing protection plugs without cord	lime	50 pairs, loose in mini dispenser	9
2112.014	uvex com4-fit	Disposable hearing protection plugs without cord	magenta	50 pairs, loose in mini dispenser	9
2112.015	uvex x-fit	Disposable hearing protection plugs without cord	lime	5 pairs, packed in pairs in zip-top polythene bag	9
2112.016	uvex com4-fit	Disposable hearing protection plugs without cord	magenta	5 pairs, packed in pairs in zip-top polythene bag	9
2112.022	uvex x-fit	Refill box	lime	300 pairs loose in box	11
2112.023	uvex com4-fit	Refill box	magenta	300 pairs loose in box	11
2112.100	uvex hi-com	Disposable hearing protection plugs without cord	lime	200 pairs, packed in pairs	10
2112.101	uvex hi-com	Disposable hearing protection plugs with cord	lime	100 pairs, packed in pairs	10
2112.104	uvex hi-com	Disposable hearing protection plugs without cord	lime	50 pairs, loose in mini dispenser	10
2112.105	uvex hi-com	Disposable hearing protection plugs without cord	lime	5 pairs, packed in zip-top polythene bag	10
2112.106	uvex hi-com	Disposable hearing protection plugs without cord	fawn	200 pairs, packed in pairs	10
2112.107	uvex hi-com	Disposable hearing protection plugs with cord	fawn	100 pairs, packed in pairs	10
2112.110	uvex hi-com	Disposable hearing protection plugs without cord	fawn	50 pairs, loose in mini dispenser	10
2112.111	uvex hi-com	Disposable hearing protection plugs without cord	fawn	5 pairs, packed in pairs in zip-top polythene bag	10
2112.114	uvex hi-com detec	High-visibility disposable hearing protection plugs with cord	blue	50 pairs	13
2112.118	uvex hi-com	Refill box	lime	300 pairs loose in box	11
2112.119	uvex hi-com	Refill box	fawn	300 pairs loose in box	11
2124.001	uvex xact-fit	Earplugs with stem and cord	lime	50 pairs, paired in mini box	4
2124.002	uvex xact-fit	Replacement earplugs	lime	250 pairs, paired in mini box	4
2125.341	uvex x-cap	Banded ear protectors	blue/lime/orange	10 units, individually packed in polythene bags	14
2125.344	uvex x-fold	Folding banded ear protector	blue/lime/orange	5 units, individually packed in polythene bags	14
2125.351		Replacement earplugs for x-cap and x-fold banded ear protectors	lime/orange	60 pairs, packed in sets of five pairs in zip-top polythene bag	14
2134.000		Wall-mounted dispenser		1 unit	11
2500.000	uvex 1	Passive earmuffs	blue	1 unit	15
2500.001	uvex 2	Passive earmuffs	blue	1 unit	16
2500.002	uvex 3	Passive earmuffs	blue	1 unit	16
2500.003	uvex 2C	Passive earmuffs	anthracite	1 unit	16
2500.021	uvex 2H	Earmuffs with helmet attachment	blue	1 set	18
2500.022	uvex 3H	Earmuffs with helmet attachment	blue	1 set	18
2500.025	uvex 3200 H	Earmuffs with helmet attachment	blue	1 set	18
2500.030	uvex x	Passive earmuffs	blue	1 unit	17
2500.031	uvex xV	Passive earmuffs	luminous yellow	1 unit	17
2500.032	uvex 3V	Passive earmuffs	luminous yellow	1 unit	16
2500.036	uvex sV	Passive earmuffs	luminous yellow	1 unit	15