



Hearing protection and industrial safety helmets 2007/2008

Effectively combined for safety's sake

Value follows innovation

New corporate vision and industrial health and safety strategy



The uvex group has successfully completed the transition from turnover to value orientation. In line with this new strategic approach, a new corporate vision has also been developed to provide a basis for the company's long term plans including a clearly defined industrial health and safety strategy and objectives for our different product groups.

VISION

"In the world of uvex, we intend to be leaders in innovation – creating global value-oriented growth and the number one position in all our markets and areas of activity.

Value follows innovation!"

In other words, our vision is determined and guided, by the key corporate principles of leadership in innovation and worldwide value-oriented growth.

MISSION

Within this framework, a mission statement has been defined which describes our prime corporate objectives: "The uvex brand confirms our responsibility. The central theme of **Protecting People** is our mission and this is why we are commited to develop, manufacture and distribute products and services which deliver individual safety and protection in the fields of work, sport and leisure."



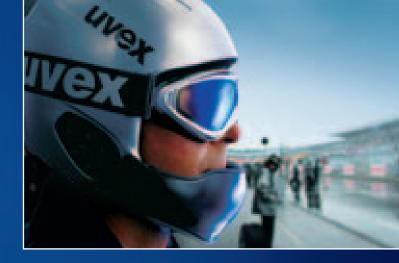


uvex industrial health and safety and prevailing strategic platform of the UVEX SAFETY GROUP

Adapted to specific product and market conditions, our industrial health and safety strategy is defined as follows: "Based on our 'Protecting People' mission statement, uvex safety has positioned itself as the innovation based provider of brand systems from a platform of world class manufacturing expertise. Structured around the four Strategic Business Units (SBU):

- Head Protection (safety eyewear, prescription safety eyewear, laser safety eyewear, safety helmets, hearing protection, care accessories)
- Workwear (work and safety clothing)
- Footwear (safety shoes and boots, high-performance socks, care accessories)
- Gloves (safety gloves for mechanical and chemical risks)

uvex safety offers market sector-specific product system solutions drawn together from our different product groups, and customer system solutions based on real market needs."

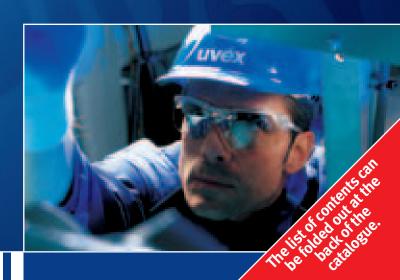


At the core of this strategy is the principle of being the "innovative provider of brand systems supported by world class manufacturing expertise". This includes the goal of providing a product range which is pioneering in technology and coordinated throughout manufacture in our own factories – a "head to toe" range brought together under one brand. This represents an entirely unique position compared with our competitors around the world!

"uvex products should inspire!"

The development of this universal strategic platform is an enormous step forward for the company and ultimately, it will ensure that uvex industrial health and safety products always remain at the leading edge of developments across the different sectors.

The "2007 Top 100 Corporate Comparison" conducted independently and scientifically, voted the UVEX SAFETY GROUP as one of Germany's most innovative medium sized companies – and we succeeded in securing a place in the top 10 in the "Innovation marketing" category of the ranking! Now officially classified as a top innovator, uvex will continue to demonstrate to its customers that it is an undisputed leader in the field of innovative industrial health and safety solutions.



uvex climatec® – climatic comfort

Innovative climate management from head to toe

Head protection





uvex super g - the lightest safety spectacles in the world



uvex Profas helix® a new comfort class with cut protection level 5



uvex texpergo System SoftShell jacket - with innovative body zoning concept



uvex xenova® climatec® pleasantly dry thanks to the new uvex bamboo liner

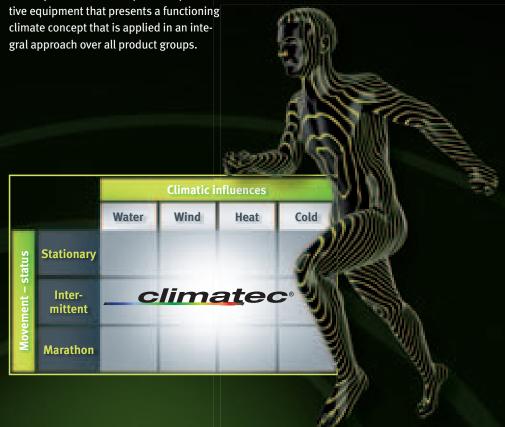
The UVEX SAFETY GROUP is the only manufacturer in the international personal protective equipment (PPE) sector that has researched climate issues within occupational safety products, resulting in uvex climatec®. A comprehensive climate concept for all areas of activity and work environments. The result: increased well-being, longer lasting productivity and optimal comfort in every situation!

Every workplace puts different demands on the occupational safety system regarding the prevailing climate influences and air movement conditions. Irrespective of warmth, cold, wind and water, activities that require standing, intermittent movements or long-term demands - uvex climatec® offers the solution to keep the body comfortable in every situation and to increase the performance in day-to-day work. To make this possible uvex has combined its competence in research, use of materials and product development and is the only manufacturer of personal protecclimate concept that is applied in an integral approach over all product groups.

uvex climate competence

uvex climatec® functions like the body's own climatic system: deviations from the individual climate are balanced and the body temperature remains at a consistently comfortable level. Excess warmth and moisture are efficiently removed reducing the feeling of cold. To effectively improve the climate in an occupational safety system, it is essential to analyse all relevant factors and investigate and understand their mode of operation.

uvex has been researching climate issues for a long time. In collaboration with wellknown institutes such as PFI (Pirmasens Testing and Research Institute), the Kaiserslautern Technical College or the Hohenstein Institutes, testing methods and devices were developed that allowed a comprehensive and well-founded measurement of climate characteristics.



Protective clothing

Safety footwear





heat exchange to take place.

Images taken by a thermal imaging camera clearly show the thermophysiological advantages of the ventilation system.

uvex manufacturing and technol





A member of the uvex group

The UVEX SAFETY GROUP GmbH & Co. KG has increased its manufacturing expertise in the field of head protection with its acquisition of the hearing protection manufacturer swedsafe. This acquisition is an important milestone in uvex's commitment to improve its own expertise in the manufacturing of hearing protection and is the perfect addition to the that the uvex group can already lay claim to.

The "silicon valley" of hearing protection

The manufacture of hearing protection goes back a long way in Sweden. In contrast to many manufacturers who have moved their production sites to the Far East in recent years, swedsafe continues to invest in Europe and has built a state-of-the-art production facility in Höör, in southern Sweden. swedsafe has become one of the leading suppliers of hearing protection in industry in the short time since it was established. This results from the quality

of its R&D activities, successful networking with well-known hearing protection specialists and partnerships with numerous testing institutes around the world. It also sets new standards in the field of environmental protection.

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.



ogical expertise

uvex academy – knowledge for greater safety

The uvex academy stands for outstanding knowledge in the field of industrial health and safety. Set beside our products and services, uvex is the first manufacturer to have developed and to be able to provide such a pioneering institution. The uvex academy – for the education and training of our customers, employees and industrial health and safety experts.

In premises covering 1,000 square metres, uvex is now the reference point and first choice for the provision of outstanding training and education in an environment where health and safety subjects are brought to life.

Want to know more about our know-how? Simply request the uvex academy brochure.











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)

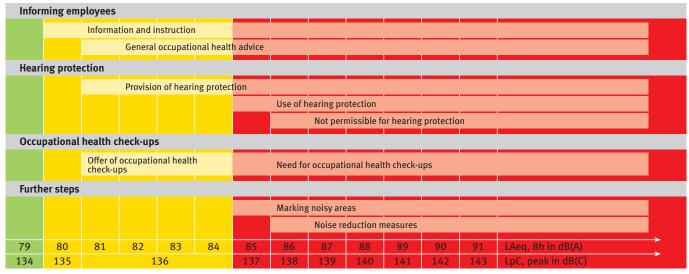
Affordable

uvex 1 earpieces

SNR 21 dB

The optimum value with hearing protection is between 75 and 80 dB. =79 dB

Occupational Safety Directive on Noise and Vibration

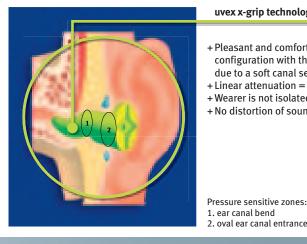


Tests and standards

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 a 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.





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 hear-

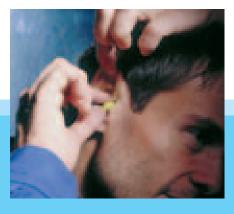
ing. It is a fact that threats to our hearing are largely invisible that should force us to address them positively and continuously. Long-term damage does not normally become apparent until about 10 to 20 years later.

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



ACADEMY - SEMINAR

uvex Personal Protective Equipment Consultant

Kurs-ID.: PPEC

Introduction - Background

Consulting competence is the key to success in selling Personal Protective Equipment. Extensive knowledge of the requirements, possible application areas (particularly so in special workplaces), the capabilities of the products and their correct use and maintenance are crucial for the successful selection of Personal Protective Equipment. Within the scope of this training seminar uvex academy conveys this specialised knowledge of eye protection, hearing protection, protective gloves and protective footwear in a professional, application-oriented and practice-related approach.

Objectives - Benefits to you

- Presentation of the Personal Protective Equipment basics for eye protection, hearing protection, protective gloves and protective footwear
- Comprehensive presentation of the legal framework, the testing basis and standards as well as basic and additional requirements
- Information about the classification of protective products
- Identification and evaluation of hazards in standard workplace situations, creation of a hazard analysis and assessment of the required Personal Protective Equipment
- Specialised knowledge on such topics as material technologies, functionality and design features
- · Practical execution of selection, consulting and utilisation of Personal Protective Equipment
- Practical tests and demonstrations pertaining to the individual topics in the demonstration centre with the active involvement of participants

Target group

Sales representatives from specialist suppliers (distributors) offering Personal Protective Equipment

Fee 1,190.00 € including VAT

Dates 11 – 13 December 2007

11 – 13 March 2008 17 – 19 June 2008 09 – 11 December 2008

Language English

Duration 3 days (max. 12 participants per course)

Location uvex academy, Siemensstr. 6, 90766 Fürth, Germany

For further information please visit www.uvex-academy.de or call us on +49 911 9736-1710.



Disposable hearing protection plugs



uvex x-fit

- Top protection very high absorption level
- 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 soft foam offers real comfort, even when worn for extended periods. Best suited for use in very loud environments.

lemon,
without cord
200 pairs
bagged in pairs

Art. no.	2112.002	
Model	lemon,	70
	without cord	
Box	60 pairs	
	5 pairs per	
	blister pack	

Art. no.	2112.010
Model	lemon,
	with cord
Box	100 pairs
	bagged in 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 com4-fit

The com4-fit has an innovative "x" grip that makes it easier to grip the earplug and in addition, the "x" reduces the pressure in the auditory canal, making it more comfortable to wear.

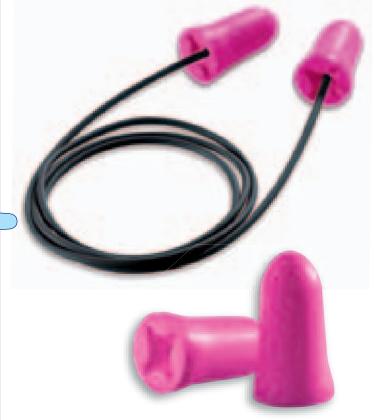
With its more compact ergonomic design, the uvex com4-fit is comfortable for wearers with narrower auditory canals. The com4-fit has a sealed surface, preventing foreign bodies from penetrating. The soft foam offers real comfort, even when worn for extended periods. Can also be used in quieter environments.

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

Art. no.	2112.005	
Model	magenta	70
	without cord	
Box	60 pairs	
	5 pairs per	
	blister pack	

Art. no.	2112.012	
Model	magenta ()	7
·	with cord	
Box	100 pairs)-
·	bagged in pairs	

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



Disposable hearing protection plugs



uvex x-fit Dispenser "one 2 click"

Easy-to-use, robust wall-mounted dispenser. Easy instiallation and a controlled release mechanism which ensires the correct number of plus are dispensed. The audible "one-2-click" system prevents over supply and increased cost. 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.

The dispenser can be filled with the following foam earplugs.

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 handy refill packs reduce waste:

Art. no.	2112.003
Model	lime
	200 pairs,
	loose in a
	polythene bag
SNR 37	H = 36, $M = 34$, $L = 34$
(see art. r	no. 2112.001 on p. 12)

uvex com4-fit refill pack

Art.-no. 2112.006

Model magenta
200 pairs,
loose in a
polythene bag

SNR 33 H = 33, M = 30, L = 29

(see art. no. 2112.004 on p. 12)





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.

SNR 37 H = 36, M = 34, L = 34 (see uvex x-fit on p. 12)

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

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.

SNR 27 H = 24, M = 22, L = 22 (see uvex whisper+ on p. 15)

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





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

other hearing protection products: x-fit Art. no.: 2112.001

Art. no.: 2112.001

com4-fit Art. no.: 2112.010

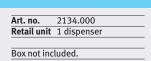
Art. no.: 2112.012

whisper Art. no.: 21112.012

whisper Art. no.: 2111.202

whisper+ Art. no.: 2111.212

Art. no.: 2111.212 Art. no.: 2111.217





Reusable ear plugs



uvex whisper

Plugs are often used in dirty working environments, which makes it incredibly easy for particles to collect on the surface of the material, causing minor injuries. 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 conviniently to hand, making it a readily available item of safety equipment. If the user spends short periods of time in low-noise areas, they can simply wear their ear plugs around their neck. When returning to a noisy environment, it takes just seconds to refit the hearing protection.

SNR 23 H = 24, M = 20, L = 17

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

Art. no.	2111.202	
Model	with cord	
	with 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	

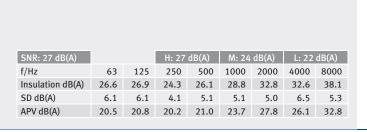
uvex whisper+

The corded uvex whisper+ is conviniently to hand, making it a readily available item of safety equipment. If the user spends short periods of time in low-noise areas, they can simply wear their ear plugs around their neck. When returning to a noisy environment, it takes just seconds to refit the hearing protection.

model	with cord	
Box	50 pairs	
Art. no.	2111.217	
Model	with cord	
	with box	
Box:	50 pairs	

2111.212

Art. no.





Banded ear protection



uvex x-cap

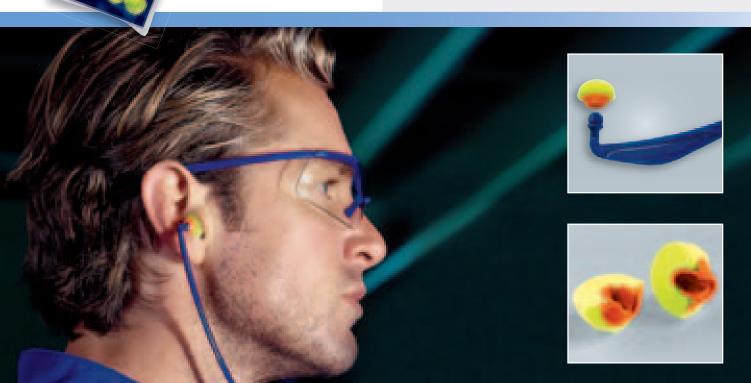
The innovative design with unique, oval-shaped soft foam earplugs guarantees a comfortable fit! After all, our ear canals are oval, not round. The band is ergonomically shaped and prevents annoying noises from being transmitted by keeping the band away from the wearer's clothes. The x-cap is a lightweight banded ear protector weighing just 8 g.

Ideal for short jobs, when on the move or for visitors.

Art. no.	2125.341
Model	blue/lime/orange
	individually in
	a PE pouch
Box	10 protectors

Replacement plugs:				
Art. no.	2125.346			
Colour	lime/orange	_		
Box	100 pairs			

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 climatec® 2C

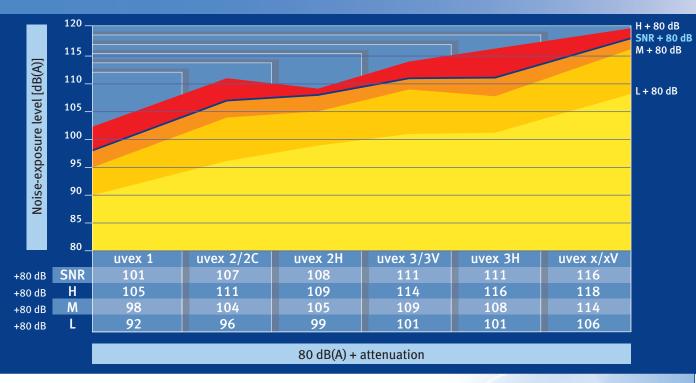


uvex 2C

These folding earmuffs in a climatec® design have a high-quality steel band and a two-point pivot, guaranteeing optimum protection and comfort, even when worn for extended periods. The earpieces were designed to be small and light. They include special hygiene sets that improve comfort levels, especially when worn for rigorous physical work.

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

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 earmuff range



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.

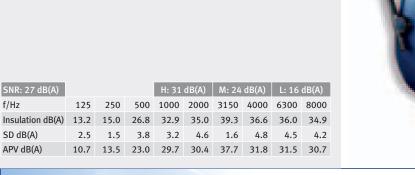
Art. no.	2500.000
Colour	blue
Weight	121 g
Retail unit	1 earmuff

SNR: 21 dB(A)				H: 25	dB(A)	M: 18	dB(A)	L: 12	dB(A)
Band worn acro	ss head	l							
f/Hz	125	250	500	1000	2000	3150	4000	6300	8000
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	32.4	29.0	27.0
Band worn around neck									
f/Hz	125	250	500	1000	2000	3150	4000	6300	8000
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 und	er chin								
f/Hz	125	250	500	1000	2000	3150	4000	6300	8000
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

uvex 2

uvex 2 is a foldable earmuff with the approved steel suspension headband system. The headband achieves perfect fitting to most facial profiles and is resistant against to bending and warping. uvex 2 combines perfect protection, because of high attenuation, low weight and small volume with safe handling. The advantage lies in exceptional wearer comfort with the benefit of high wearer acceptance levels.

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





uvex earmuff range



uvex 3

uvex 3 is a foldable earmuff with the approved steel suspensions headband system. The headband achieves perfect fitting to most facial profiles and is resistant to bending and warping. uvex 3 combines perfect protection, because of high attenuation, low weight and small volume with safe handling. The advantage lies in exceptional wearer comfort with the benefit of high wearer acceptance levels.

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

SNR: 31 dB(A)				B(A) H: 34 dB(A)		M: 29	dB(A)	L: 21 dB(A)	
f/Hz	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 x

The uvex x achieves all demands of an earmuff which must protect against extreme high noise exposure levels. The unique shape of the uvex x matches the concept of perfect protection in extremely noisy environments. The low volume 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 environment.

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





uvex earmuff range



uvex 3V

These fluorescent earmuffs glow in the dark and the fluorescent band reflects the light. The wearer therefore not only has optimum acoustic protection, but is also noticeably more visible. These earmuffs are all about safety first, increasing the wearer's visual safety, in particular on building sites and when working outdoors. The folding earmuffs have a highquality steel band and a two-point pivot, guaranteeing optimum protection and comfort, even when worn for extended periods. The earpieces were designed to be small and light.

Art. no.	2500.032
Colour	fluorescent yellow
Weight	239 g
Retail unit	1 earmuff

SNR: 31 dB(A)				H: 34	dB(A)	M: 29	dB(A)	L: 21	dB(A)
f/Hz	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 xV

These fluorescent earmuffs glow in the dark and the fluorescent band reflects the light. The wearer therefore not only has optimum acoustic protection, but is also noticeably more visible. These earmuffs are all about safety first, increasing the wearer's visual safety, in particular on building sites and when working outdoors. The rounded design of the earpieces is the perfect combination of lightness, small size and maximum insulation. The folding earmuffs have a high-quality steel band and a two-point pivot, guaranteeing optimum protection and comfort, even when worn for extended periods.

Art. no.	2500.031
Colour	fluorescent 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



uvex earmuff range



uvex 2H · uvex 3H

Ear defenders that can be attached to the uvex industrial safety helmets airwing, super boss and thermo boss (see p. 28 ff.). uvex 2H and uvex 3H feature a twopoint 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 widevision goggles: ultrasonic - art. no.: 9302.510 ultravision - art. no.: 9301.544 (see p. 33) 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)	ArtN	lr. 2500	0.021	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)	ArtN	lr. 2500	0.022	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

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.

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

carmuns.	
uvex 2	Art. no. 2500.001
uvex 3	Art. no. 2500.002
uvex x	Artno. 2500.030
uvex 2C	Artno. 2500.003
uvex 3V	Artno. 2500.032
uvex xV	Artno. 2500.031
uvex dBex supr	eme

Art.-no. 2404.000

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



Electronic ear muffs



uvex dBex radio

Electronic ear muff with a built-in FM stereo radio.
With automatic tuning.
Memory function stores the last radio station and volume.
Automatic energy-saving function.

Art. no.	2403.000
Colour	blue
Weight	252 g
Retail unit	1 muff

SNR: 25 dB(A)		H: 30 dB(A)		M: 22 dB(A)		L: 14 dB(A)	
f/Hz	125	250	500	1000	2000	4000	8000
MA dB(A)	10.7	12.4	21.4	29.5	31.7	40.1	41.7
SD dB(A)	1.9	2.9	3.2	3.7	2.8	5.3	4.5
APV dB(A)	8.8	9.5	18.2	25.8	28.9	34.8	37.2

uvex dBex impulse

Level dependent ear muff with an electronic noise filter.
Two microphones in the earpieces pick up background noise and limit it to a safe level of 82 dB.
If necessary, normal background noise below 82 dB can also be amplified by up to 12 dB, making this hearing protection ideal for employees whose hearing is already damaged.
Automatic energy-saving function.

Art. no.	2404.010
Colour	blue
Weight	254 g
Retail unit	1 muff

SNR: 25 dB(A)		H: 30	dB(A)	M: 22	dB(A)	L: 14	dB(A)
f/Hz	125	250	500	1000	2000	4000	8000
MA dB(A)	10.7	12.4	21.4	29.5	31.7	40.1	41.7
SD dB(A)	1.9	2.9	3.2	3.7	2.8	5.3	4.5
APV dB(A)	8.8	9.5	18.2	25.8	28.9	34.8	37.2



Electronic ear muffs



uvex dBex supreme

Level dependent ear muff with an electronic noise filter, especially for use when impulse noise develops quickly and frequently. Two microphones pick up background noise and limit the noise impulses to a level of 82 dB using microprocessor controls. Thanks to the specially developed processor, there is no brief overshoot in noise limitation. This ensures unique protection and comfort. If necessary, normal background noise can also be amplified by up to 12 dB. Ideal hearing protection when using firearms. Automatic energy-saving function. Foldable.

Art. no.	2404.000
Colour	black
Weight	310 g
Retail unit	1 muff

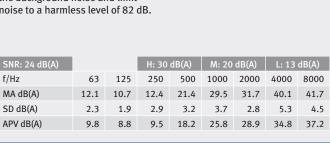
SNR: 25 dB(A)		H: 30 dB(A)		M: 22 dB(A)		L: 14 dB(A)	
f/Hz	125	250	500	1000	2000	4000	8000
MA dB(A)	11.1	16.5	23.1	25	29.5	35.5	38.7
SD dB(A)	2.6	3	3.2	2.8	4.1	3.6	3.2
APV dB(A)	8.5	13.5	19.9	22.2	25.4	31.9	35.5

uvex dBex ww cutoff

Advanced level-dependent ear defenders with an electronic noise filter that always offers good protection but never isolates. The dBex ww cutoff combines a listening-in function with wireless communication (Bluetooth®) between a telephone and the ear protectors. Speech is amplified and harmful noise levels are filtered out. The electronics of the dBex ww cutoff make the listeningin function possible. Sounds are reproduced in stereo in order not to affect the wearer's sense of direction. This function is very useful in areas where it is important to be aware of background noise (warning signals, conversations, traffic, etc.). Two microphones on the earpieces pick up the background noise and limit noise to a harmless level of 82 dB.

If necessary, normal background noise can also be amplified by up to 12 dB, making this hearing protection ideal for employees whose hearing is already damaged. It is equipped with an automatic energy-saving function.

Art. no.	2404.020
Colour	blue
Weight	288 g
Retail unit	1 muff





Ear muffs · Hygiene sets



Hygiene kit - replacement pads

for uvex 1/2/2C/2H/3/3H/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 environmentall 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 2/2C/2H
Retail unit	1 Set
Art. no.	2000.018
for model	uvex 3/3H/3V
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/3/3H/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/
	3/3H/3V
Box	10 pair
Art. no.	2000.021
for model	uvex x
Box	10 pair



uvex dBex 2600H/3000H helmet ear muffs

These ear muffs were specially developed for use with the uvex airwing safety helmet.
Thanks to their two-point pivot, the earpieces are individually adjustable and feature different

the earpieces are individually adjustable and feature different locking positions on the helmet. Can be combined with the 9790 visor range (see p. 32).

uvex dBex 2600H SNR 28 H = 32, M = 25, L = 18

uvex dBex 3000H SNR 29 H = 31, M = 26, L = 21

Art. no.	2600.135
Colour	yellow
Weight	229 g
Retail unit	1 set

Art. no.	3000.165
Colour	orange
Weight	262 g
Retail unit	1 set

uvex dBex Hygiene kit - replacement pads

Ear muffs stay as good as new if you replace the earpiece pads from time to time. This promotes good cost management and is environmentall 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.	2000.011
for model	uvex dBex 2600 H
Retail unit	1 set
Art. no.	2000.012
for model	uvex dBex 3000 H
Retail unit	1 set
Art. no.	2000.013
for model	uvex dBex supreme
Retail unit	1 set
Art. no.	2000.014
for models	uvex dBex radio, impulse,
	ww cutoff

Retail unit 1 set



uvex high-fit - tailor-made hearing protection



This offers a number of advantages, such as

- · guaranteed absorption
- · clarity of speech
- signal recognition
- real comfort
- cost-effectiveness
- hygiene.

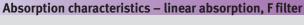
The material used for the otoplastic can be chosen to suit the specific application, with acrylate and soft flex versions available. The materials used have been dermatologically tested and are completely non-allergenic.

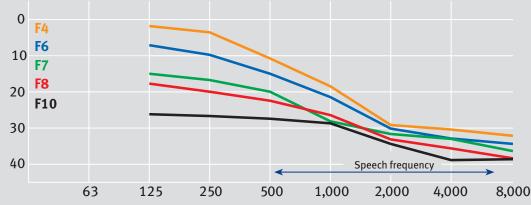
The choice of filter depends on the noise situation and, together with a capillary borehole, prevents the wearer from experiencing an unpleasant feeling of being isolated.

Contact for uvex high-fit

Silvia Braun tel. +49 (0)911 9736 1686 or the telephone number of your local sales rep.







Safety helmets uvex airwing



uvex airwing



The uvex airwing boasts an attractive design and exceptional comfort.

The helmet shell is made of polyethylene (PE) and features slots for attaching ear defenders and/or visors, as well as an injection-moulded rain channel. The 6-point textile suspension harness, which can be fitted with rotating size adjusters, completes the specifications of this innovative helmet concept.

Each version conforms to the basic stipulations of EN 397, as well as the additional "very low temperatures" provision, covering conditions down to -30 °C. The airwing E also conforms to EN 397 (electrical isolation) and has been tested and certified by VDE (German Association for Electrical, Electronic & Information Technologies).

The helmet is available with three ventilation options:

The airwing B with three variable air vents: one in the forehead and two at the back of the head. The helmet ventilation can be adjusted to the prevailing weather conditions (e.g. for use in the construction industry in summer and winter). The maximum ventilation comes to approx. 300 mm², approx. 55 mm² at the forehead and approx. 245 mm² at the rear. The airwing B comes with either a conventional suspension harness or rotating size adjusters, both of which are also available with a shorter brim.

The airwing C features permanent ventilation. The helmet shell is closed at the front and permanently opened at the back.
The completely enclosed forehead offers optimum protection from splashes (e. g. for use in the chemical or pharma industries).

The **airwing E** is fully closed with no air vents. This variant is suitable for use by electricians.

Bespoke design

Large areas are available on the forehead and sides for printed logos. By adding your company's logo, you can use the airwing as your very own advertising vehicle.



uvex airwing B



uvex airwing B

- Polyethylene helmet shell
- Three variable air vents
- Conventional suspension harness for a comfortable fit

Range: 51-61 cm

Art. no.	Colour
9762.020	white
9762.120	yellow
9762.220	orange
9762.320	red
9762.420	green
9762.520	blue
Retail unit	25

uvex airwing B-WR climatec®

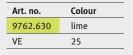
- Polyethylene helmet shell
- Three variable air vents
- Suspension harness with rotating size adjusters for infinite width adjustment

Range: 52-61 cm

Special colour version of this innovative range

climatec[®]

Helmet shell: lime Textile suspension harness: anthracite





uvex airwing B-WR

- Polyethylene helmet shell
- Three variable air vents
- Suspension harness with rotating size adjusters for infinite width adjustment

Range: 52-61 cm

Art. no.	Colour
9762.030	white
9762.130	yellow
9762.230	orange
9762.330	red
9762.430	green
9762.530	blue
Retail unit	25





uvex airwing B



uvex airwing B-S

- Polyethylene helmet shell
- Three variable air vents
- Shorter brim for a wider field of upward vision
- Conventional suspension harness for a comfortable fit

Range: 51-61 cm

Art. no.	Colour
9762.021	white
9762.121	yellow
9762.221	orange
9762.321	red
9762.421	green
9762.521	blue
Retail unit	25

uvex airwing B-S-WR

- Polyethylene helmet shell
- Three variable air vents
- Shorter brim for a wider field of upward vision
- Suspension harness with rotating size adjusters for infinite width adjustment

Range: 52-61 cm

Art. no.	Colour
9762.031	white
9762.131	yellow
9762.231	orange
9762.331	red
9762.431	green
9762.531	blue
Retail unit	25



uvex airwing $E \cdot uvex$ airwing $C \cdot uvex$ thermo boss



uvex airwing E

The airwing E helmet shell is fully closed. It is suitable for use by electricians and has been tested and certified up to 1,000 Vac. airwing E is available in the following versions:

uvex airwing E

- Polyethylene helmet shell
- Without air vents
- Conventional suspension harness for a comfortable fit

Range: 51-61 cm

uvex airwing E-WR

- Polyethylene helmet shell
- Without air vents
- Suspension harness with rotating size adjusters for infinite width adjustment

Range: 52-61 cm

Art. no.	Name	Colour	Retail unit
9760.020	airwing E	white	25
9760.120	airwing E	yellow	25
9760.520	airwing E	blue	25
9760.030	airwing E-WR	white	25
9760.130	airwing E-WR	yellow	25
9760.530	airwing E-WR	blue	25

uvex airwing C

uvex airwing C

- Polyethylene helmet shell
- Constant ventilation, helmet shell fully closed at front, permanently open at rear
- Conventional suspension harness for a comfortable fit

Range: 51-61 cm

uvex airwing C-WR

- Polyethylene helmet shell
- Constant ventilation, helmet shell fully closed at front, permanently open at rear
- Suspension harness with rotating size adjusters for infinite width adjustment

Range: 52-61 cm

Art. no.	Name	Colour	Retail unit
9761.020	airwing C	white	25
9761.120	airwing C	yellow	25
9761.520	airwing C	blue	25
9761.030	airwing C-WR	white	25
9761.130	airwing C-WR	yellow	25
9761.530	airwing C-WR	blue	25





The thermo boss is ideal for hightemperature areas up to +150 °C. The helmet shell is made from heat-resistant polycarbonate and is suitable for use in high ambient temperatures. The helmet shell is completely sealed, ensuring that the thermo boss fulfils electrical isolation requirements according to EN 397. Weighing in at just 440 g and with a 6-point textile suspension harness, this is the lightweight option when it comes to special applications.

Range: 51-61 cm

Art. no.	Colour
9754.000	white
9754.100	yellow
9754.300	red
Retail unit	25



uvex airwing forest



A set specially developed for forestry work.

The helmet has three adjustable air vents, making it possible to regulate according to the temperature. For maximum comfort, the size can be adjusted with a rotating size adjuster on the sus-

pension harness. The mesh visor, which can be locked into position, protects the wearer from foreign bodies whilst maintaining clear vision. Side ear defenders complete the safety helmet for allround protection.

airwing forestry worker set I

- Helmet: orange, with three adjustable air vents
- Suspension harness with rotating size adjusters for infinitely adjusting the size
- dBex 3000 H ear defenders
- Nylon mesh visor

Art. no. 9763.232

airwing forestry worker set II

- Helmet: orange, with three adjustable air vents
- Suspension harness with rotating size adjusters for infinitely adjusting the size
- dBex 3000 H ear defenders
- Metal mesh visor

Art. no. 9763.233

Note:

If you wish to use one of the sets above without hearing protection, you will need an additional adaptor to attach the visor (art. no. 9790.042, p. 32).

<mark>uvex airwing</mark> forest



uvex 9790

The various models of visors can be combined with the uvex airwing and uvex ear defenders for allround protection.

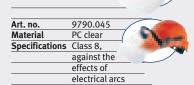
The helmet can be combined with the dBex 2600 H and dBex 3000 H ear defenders.

If the helmet is combined with a visor but without ear defenders, adaptors are required to attach the visor

Helmet and hearing protection not included!

Art. no.	o. 9790.040
Adapter	

Lens		
Art. no.	9790.041	
Material	PC clear	



Art. no	9790.043	
Specifications	Nylon mesh	
	visor	4

Art. no.	9790.044	
Specifications	Metal mesh	
	visor 🐙	

uvex 9725 · 9726 · 9727

These robust visors feature a specially developed adaptor for attachment to the side helmet slots which are made from extremely lightweight plastic. The visors can be adjusted to fit the right helmet brim using a lengthadjustable adaptor and can be locked in three positions. The lenses are easily interchangeable. The 9727.514 model features a plastic trim and fulfils the special requirements of EN 166 (protection from electrical arcs).

The helmet is not included.

Art. no.	9725.514	
Colour	clear	7 -
Material		
thickness	1 mm	
Specifications	CA, anti-fog	
Replacement		
lens	9050.517	
Retail unit	1	

Art. no.	9726.014	
Colour	clear	
Material		
thickness	1 mm	
Specifications	PC	
Replacement		
lens	9723.017	
Retail unit	1	

Art. no.	9727.514
Colour	clear
Material	
thickness	1,5 mm
Specifications	CA, anti-fog
	counteracts
	electrical arcs
Replacement	
lens	9051.517
Retail unit	1

Dimensions 540 x 195 mm



Accessories



Wide-vision goggles with a helmet bracket

Special adaptors have been developed to combine uvex wide-vision goggles with industrial safety helmets and uvex 2H or uvex 3H ear defenders.

Helmet and ear defenders not included!

ultrasonic		
Art. no.	9302.510	
Specific.	reduced	-
	ventilation	
Colour	grey/blue	
Lens	PC clear	
	supravision HC-AF	=
Retail unit	4	=

ultravision		
Art. no.	9301.544	
Colour	transparent grey	ALC: N
Lens	CA clear	
	non-fogging	
Retail unit	4	

Additional adaptors are needed in order to fit the ultravision without ear defenders:

Art. no. 9924.010

Accessories for the uvex airwing

uvex airwir	ng interior
Art. no.	9760.000
Specific.	approx. 75 g,
	6-point textile
	suspension harness
	with sweatband
Retail unit	10

Robust leather design
with plastic eyelets,
adjustable length
sion harness
reatband

Specific. Leather/
plastic eyelets

Retail unit 10

Leather chinstrap

uvex airwin	g interior	
with size ad	ljusters	
Art. no.	9760.001	
Specific.	approx. 75	g
Retail unit	10	-

Sweatband for the airwing

9760.005

imitation

leather

Art. no.

Specific

Retail unit

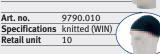
Forked chinstrap
Textile strap with snap
fasteners for quick
attachment and eyelets
made from robust plastic,
adjustable length, chin pad
Art. no. 9790.007
Specific. textile strap/
plastic
Retail unit 10

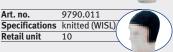


Paper caps/winter caps

Winter caps are available for cold weather and can be worn comfortably under the helmet. Site visitors can wear caps under their helmets to provide good hygiene.

Art. no.	9790.006	
Specifications		-/
Retail unit	25	





Art. no.	9790.012	
Specifications	knitted	7
	(Alaska)	
Retail unit	10	

uvex Visors



uvex · 9705 · 9706

Lightweight and inexpensive visor made of robust plastic with integrated forehead cover. Twist ratchet enables simple and reliable adjustment to any head size. Flip-up mechanism allows the visor to be set in any position. Easy lens replacement.

Art. no.	9705.014	
faceshield		
Lens	CA clear	
		
Art. no.	9706.514	
faceshield		
Lens	CA clear	

Danlasan	ant langes
Replacem	ent lenses:
Art. no.	9060.017
Lens	CA clear
Art. no.	9050.517
Lens	CA clear
	non-fogging

non-fogging

uvex · 9707 · 9708

Robust visor with integrated forehead cover and additional protective cap made from impact-resistant polystyrene. Twist ratchet enables simple and reliable adjustment to any head size. Flipup mechanism allows the visor to be set in any position. Easy lens replacement.

Art. no.	9707.014	
faceshield	d	
lens	CA clear	

Art. no.	9/08.514	
faceshield	d	
Lens	CA clear	
	non-fogging	
Replacem	ent lenses:	
Art. no.	9060.017	
Lens	CA clear	

9050.517

CA clear non-fogging

Art. no.

Lens

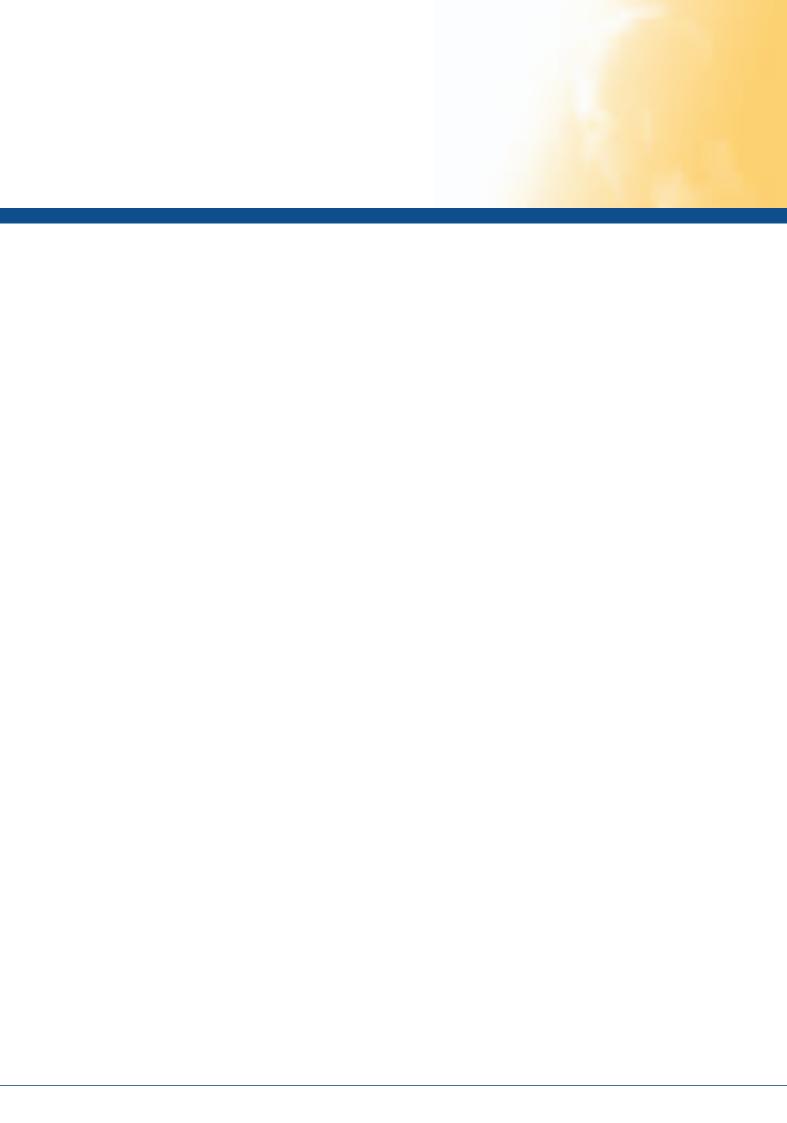




Impact cap

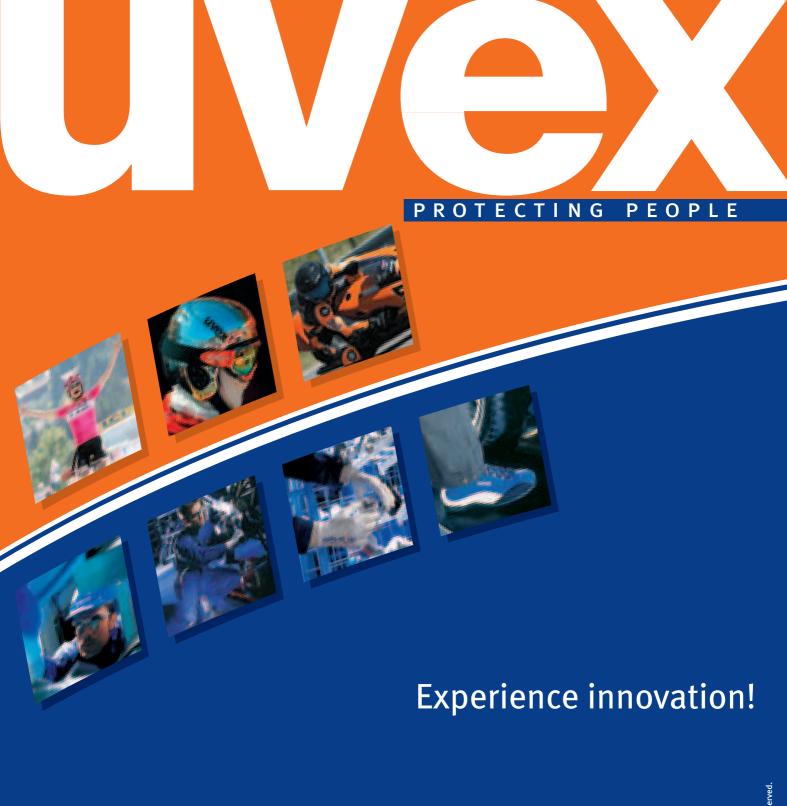
This stylish impact cap has been tested according to EN 182. Its robust plastic shell protects against grazes and bumps. It does not offer sufficient protection from falling objects and may only be used in areas where a safety helmet is not needed according to EN 397.

Art. no. 9794.005



Contents

Disposable hearing protection plugs and dispenser Perfectly shaped ear plugs that adapt to fit.	12
Detectable Special solutions for sensitive industries.	14
Reusable hearing protection plugs Extra soft material, optimum noise absorption and easy cleaning for use in harsh conditions.	15
Banded ear protection Lightweight, practical and always to hand.	16
Ear muffs Personal protection with high absorption in all ranges.	17
Otoplastics Perfectly tailored hearing protection for individual solutions.	25
Safety helmets Lightweight safety with an advanced design.	26
Visors Perfect facial protection for varied applications.	32/34
Accessories Individual options to complete the range of protective headgear.	33



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P. O. Box 2542 · D-90715 Fuerth

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