

Product datasheet earmuff uvex K-series10



PPE category III - harmful noise

Product Characteristics:

- Earmuffs with foldable headband
- Padded comfort headband with memory foam for optimal wearing comfort
- Continuous length adjustment for an ideal wearing position

- Color coding for easy selection and identification of hearing protection levels
- Sealing cushion made of memory foam for good sealing with high wearing comfort
- Exchangeable capsule pads for high hygiene standards
- Optimal capsule geometry for pressure-free enclosure of the outer ear
- Anti-slip coating for better grip in oily and humid environments (KX10)
- Capsule color in HiViz increases visibility (K20 HiViz)
- High attenuation performance in the low frequency range (K30)
- Foldable headband small and handy stowable, also ideal the earmuff bag with belt loops art.no. 2000002. (Accessories)
- Customisation, all uvex earmuffs can be printed with your company logo.

Standard requirement and approval:

The uvex K-Series earmuffs are CE approved, comply with the harmonized standard EN 352-1:2020, ANSI S-3.19-1974, CSA Z94.2-02 and AS/NZS 1270:2002 and meet the requirements of Regulation 2016/425.

The PPE is subject to the following conformity assessment procedures: Conformity to type based on quality assurance related to the production process (module D) and monitoring by:

BSI Group The Netherlands B.V.
 Say Building, John M. Keynesplein 9
 1066 EP, Amsterdam
 Netherlands
 Notified body No. 2797

The applicable jurisdiction can be found in the Declaration of Conformity here:
uvex-safety.com/ce

Materials:

Capsules:	ABS
Headband:	stainless steel / PVC / PE memory foam
Temple:	steel
Sealing cushion:	PVC / PE memory foam
Foam inserts:	PE

Technical data

Tested according to European Standard EN 352-1:2020



uvex K10, uvex KX10

SNR: 30dB

HML: 35dB – 28dB – 19dB

Weight: 185g

Freq. Hz	63	125	250	500	1000	2000	4000	8000	H	M	L	SNR
Mean att. dB	17.9	14.3	18.6	29.1	38.2	37.0	38.4	38.5	37.6	29.2	20.7	31.5
Std. dev. dB	1.9	1.8	2.0	2.6	3.1	3.6	2.9	3.3	2.3	1.4	1.6	1.3
APV	16.0	12.5	16.6	26.5	35.1	33.4	35.5	35.2	35	28	19	30

uvex K20, uvex K20 HiViz

SNR: 33dB

HML: 36dB – 32dB – 22dB

Weight: 230g

Freq. Hz	63	125	250	500	1000	2000	4000	8000	H	M	L	SNR
Mean att. dB	22.1	15.4	24.1	34.2	43.1	37.9	39.0	39.5	38.9	33.2	23.7	34.7
Std. dev. dB	2.8	1.8	2.0	2.4	3.1	3.3	3.8	2.8	3.0	1.5	1.7	1.7
APV	19.2	13.6	22.1	31.8	40.0	34.6	35.2	36.7	36	32	22	33

uvex K30

SNR: 36dB

HML: 37dB – 34dB – 26dB

Weight: 385g

Freq. Hz	63	125	250	500	1000	2000	4000	8000	H	M	L	SNR
Mean att. dB	26.6	20.3	27.7	36.2	43.9	38.3	40.8	41.2	39.8	36.3	28.2	37.7
Std. dev. dB	2.5	2.4	2.3	2.7	3.4	3.1	3.2	4.2	2.9	1.9	2.1	2.0
APV	24.1	17.8	25.4	33.5	40.5	35.2	37.7	36.9	37	34	26	36

Tested according to Australian Standard AS/NZS 1270:2002



AS/NZS 1270
Lic. 41199
SAI Global

uvex K10, uvex KX10

SLC80: 27dB

Class 5 Clamping force: 11.6N, 12.0N, 10.7N

Weight: 185g

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	14.5	15.8	26.1	35.3	35.8	33.0	35.1
Std. dev. dB	4.2	3.7	3.9	3.7	3.2	4.7	5.6
APV	10.3	12.1	22.2	31.6	32.6	28.3	29.5

uvex K20, uvex K20 HiViz

SLC80: 30dB

Class 5 Clamping force: 11.1N, 10.7N, 10.7N

Weight: 230g

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	16.2	20.4	30.6	40.1	36.5	35.8	36.7
Std. dev. dB	4.5	4.4	5.3	4.5	3.9	4.4	4.0
APV	11.7	16.0	25.3	35.6	32.6	31.4	32.7

uvex K30

SLC80: 32dB

Class 5 Clamping force: 11.1N, 10.7N, 10.7N

Weight: 385g

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	20.5	23.4	32.3	40.1	37.1	39.9	40.2
Std. dev. dB	4.9	5.1	4.7	5.3	4.4	4.2	5.0
APV	15.6	18.3	27.6	34.8	32.7	35.7	35.2

Hearing protector class 5 tested to AS/NZS 1270. When selected, used and maintained as specified in AS/NZS 1269, this protector may be used in noise up to 110dB(A) assuming an 85 dB(A) criterion. A lower criterion may require a higher protector class.

Tested according to American Standard ANSI S-3.19-1974

uvex K10, uvex KX10

NRR: 23dB

CSA Class A

Headband Force: lbs. 2.6 Weight: 185g

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	15.6	18.0	29.1	37.3	36.4	37.7	38.3
Std. dev. dB	2.5	2.9	3.1	3.9	3.5	3.1	3.5

uvex K20, uvex K20 HiViz

NRR: 25dB

CSA Class A

Headband Force: lbs. 2.5 Weight: 230g

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	16.3	21.3	32.1	39.7	38.1	38.5	36.8
Std. dev. dB	2.7	2.7	3.3	3.9	3.5	4.0	3.8

uvex K30

NRR: 28dB

CSA Class AL

Headband Force: lbs. 2.5 Weight: 385g

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	22.2	25.2	34.8	43.1	38.2	41.0	39.0
Std. dev. dB	3.4	2.9	3.5	3.2	3.0	3.5	3.8

Test Institute, Michael & Associates, Inc., 2766 W. College Ave Suite 1, State College, PA 16801

Freq. - Frequency

Mean att. - Mean value of attenuation

Std. dev. - Standard deviation

APV - Assumed protective effect

SNR - Attenuation value according to single number rating

H - attenuation value at high frequencies

M - attenuation value at medium frequencies

L - attenuation value at low frequencies

Variants/Color:

Article-Nr.	Description	Color	Packaging unit
2630.010	uvex K10	black shiny / green	1 piece
2630.011	uvex KX10	black matt / green	1 piece
2630.020	uvex K20	black shiny / yellow	1 piece
2630.021	uvex K20 hi-viz	green	1 piece
2630.030	uvex K30	black shiny / red	1 piece

Accessories:

Article-Nr.	Description	Packaging unit
2599971	Hygiene-Kit	1 set
2599978	Comfort pads	10 pads per bag
2000002	uvex earmuff case	1 piece

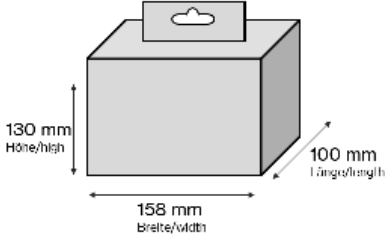
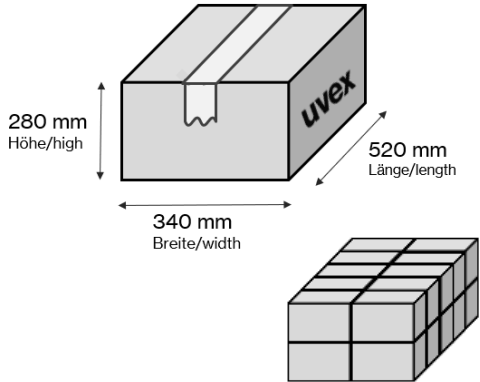
Storage:

Storage location, in original packaging, dry, clean, protected from light, UV and heat. UV and heat protected in the temperature range -10°to 55 °C, humidity max. 85%. Storage period 5 years, from date of manufacture. Date of manufacture see product or packaging. Make sure that during storage the stirrup is not stretched and the sealing pads are not compressed.

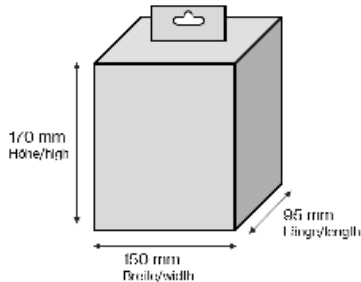
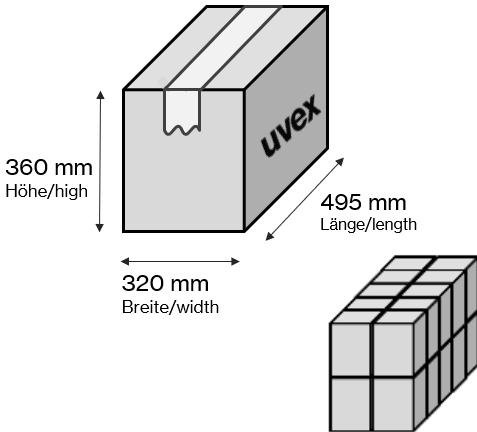
Useful life:

Service life 5 years, from date of manufacture. Recommendation Regular replacement of the sealing pads extends the service life. Dispose of the product after expiry or immediately if it is damaged or can no longer be cleaned.

Logistics information:
K10; KX10; K20; K20 hi-viz

	Sales unit	Outer carton
Order unit	1 piece	1 piece
EAN-Code	K10: 4031101928807 KX10: 4031101928814 K20: 4031101928821 K20 hi-viz: 4031101928838	K10: 4031101928944 KX10: 4031101928951 K20: 4031101928968 K20 hi-viz: 4031101928975
Quantity sales unit	1	20
		
Dimensions (lxwxh)	100mm x 158mm x 130mm	520mm x 340mm x 280mm
Packaging material	Cardboard box	Corrugated cardboard
Volume	2.05 dm ³	49.50 dm ³
Net weight	K10; KX10: 185 g K20; K20 hi-viz: 230 g	K10; KX10: 3.7 kg K20; K20 hi-viz: 4.6 kg
Gross weight	K10; KX10: 285 g K20; K20 hi-viz: 330 g	K10; KX10: 6.0 kg K20; K20 hi-viz: 6.9 kg

Logistics information:
uvex K30

	Sales unit	Outer carton
Order unit	1 piece	1 piece
EAN-Code	4031101928845	4031101928982
Quantity sales unit	1	20
		
Dimensions (lxwxh)	95mm x 150mm x 170mm	495mm x 320mm x 360mm
Packaging material	Carton	Corrugated cardboard
Volume	2.42 dm ³	57.02 dm ³
Net weight	385 g	7.7 kg
Gross weight	485 g	10.0 kg

UVEX ARBEITSSCHUTZ GMBH
Wuerzburger Str. 181-189
90766 Fuerth, GERMANY
T: +49 (0) 911 97 36 0
E: serviceteam@uvex.de
I: uvex-safety.de