uvex	Hearing protection	Earmuff

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

CE 2797 UKCA 0086

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

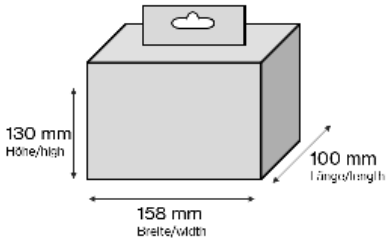
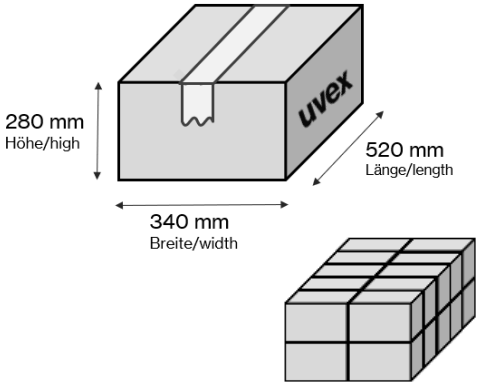
Storage:

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
the stirrup is not stretched and the sealing pads are not compressed.

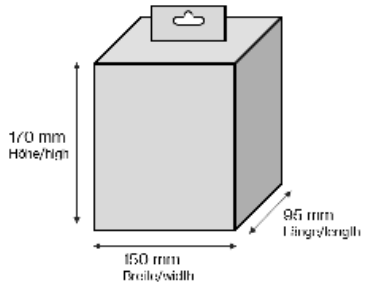
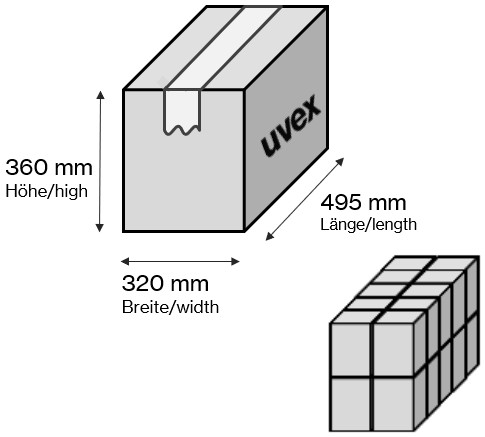
Useful life:

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 dm³	49.50 dm³
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 dm³	57.02 dm³
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