

Product datasheet earmuff uvex K-series



PPE category III - harmful noise

Product Characteristics:

- Padded comfort headband for a comfortable fit
- Stepless length adjustment for an ideal wearing position
- Colour coding for easy selection and identification of hearing protection levels
- Soft ear pads for a good seal and high wearing comfort
- Replaceable ear pads for high hygiene standards
- Optimum cup inner geometry for pressure-free enclosure of the outer ear
- 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:

Cups:	ABS
Headband:	Stainless steel/PU/PE-Foam
Ear pads:	PU/PE-Foam
Foam inserts:	PE-Foam

Technical data

Tested according to European Standard EN 352-1:2020

CE
2797

uvex K1

SNR: 28dB

HML: 35dB – 25dB – 17dB

Weight: 180 g

Size: S/M/L

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	17,6	16,3	25,4	34,5	37,7	39,9	41,7
Std. dev. dB	3,9	3,1	2,8	3,2	3,2	3,5	3,6
APV	13,7	13,2	22,6	31,3	34,4	36,4	38,1

uvex K2

SNR: 32dB

HML: 37dB – 29dB – 21dB

Weight: 217 g

Size: S/M/L

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	21.0	20.7	29.8	38.6	39.0	43.8	42.8
Std. dev. dB	4.5	3.1	2.8	2.7	3.2	4.3	4.0
APV	16.5	17.7	27.0	35.8	35.8	39.4	38,7

uvex K3

SNR: 33dB

HML: 36dB – 34dB – 23dB

Weight: 297 g

Size: S/M/L

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	19.2	21.7	32.4	39.4	37.3	39.1	40.7
Std. dev. dB	2.7	2.2	3.0	3.3	3.0	3.1	3.8
APV	16.5	19.5	29.4	36.1	34.3	36.0	36.9

uvex K4

SNR: 35dB

HML: 38dB – 33dB – 25dB

Weight: 356 g

Size: S/M/L

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	20.2	24.6	35.5	41.5	38.4	42.1	45.0
Std. dev. dB	3.0	1.8	2.6	2.3	2.7	3.5	2.8
APV	17.2	22.8	32.9	39.2	35.7	38.6	42.2

Tested according to Australian Standard AS/NZS 1270:2002



AS/NZS 1270
Lic. 41199
SAI Global

uvex K1

SLC80: 28dB

Class 5 Clamping force: 14.2N, 14.2N, 14.2N

Weight: 180g

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	15.8	16.0	26.5	33.9	37.2	39.2	39.7
Std. dev. dB	4.1	3.2	3.6	3.1	3.0	3.7	3.8
APV	11.7	12.8	22.9	30.8	34.2	35.9	35.9

Size: S/M/L

uvex K2

SLC80: 31dB

Class 5 Clamping force: 13.8N, 14.2N, 13.8N

Weight: 217g

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	17.6	18.5	29.6	36.8	37.2	42.7	41.0
Std. dev. dB	4.7	2.9	3.6	3.1	2.9	2.9	3.9
APV	12.9	15.6	26.0	33.7	34,3	39.8	37.1

Size: S/M/L

uvex K3

SLC80: 33dB

Class 5 Clamping force: 13.2N, 14.2N, 14.2N

Weight: 297g

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	19.6	21.7	33.6	38.4	37.7	37.3	41.1
Std. dev. dB	2.6	2.9	2.5	2.9	2.9	2.7	2.6
APV	17.0	18.8	31.1	35.5	34.8	34.6	38.5

Size: S/M/L

uvex K4

SLC80: 35dB

Class 5 Clamping force: 14.7N, 14.2N, 14.2N

Weight: 356g

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	21.7	24.4	35.6	41.0	38.0	43.8	45.7
Std. dev. dB	2.2	2.8	3.0	3.7	3.3	3.2	2.9
APV	19.5	21.6	32.6	37.3	34.7	40.6	42.8

Size: S/M/L

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 K1

NRR: 23dB

CSA Class B

Headband Force: lbs. 3.2

Weight: 180g

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	18.6	16.6	25.6	34.4	37.8	40.5	42.7
Std. dev. dB	3.2	2.1	2.2	2.5	2.4	3.5	4.1

Size: S/M/L

uvex K2

NRR: 26dB

CSA Class A

Headband Force: lbs. 3.2

Weight: 217g

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	21.7	19.3	29.9	38.7	38.3	42.7	42.9
Std. dev. dB	3.7	2.1	2.6	2.9	2.1	3.3	3.8

Size: S/M/L

uvex K3

NRR: 27dB

CSA Class A

Headband Force: lbs. 3.3

Weight: 297g

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	19.8	21.7	33.4	41.7	37.9	41.0	41.9
Std. dev. dB	3.0	2.2	2.0	2.5	2.9	3.2	3.4

Size: S/M/L

uvex K4

NRR: 30dB

CSA Class A

Headband Force: lbs. 3.3

Weight: 356g

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	20.3	25.8	36.4	42.9	37.8	41.5	44.0
Std. dev. dB	2.7	1.7	2.5	1.8	2.5	2.9	3.2

Size: S/M/L

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
2600001	uvex K1	black / green	1 piece
2600002	uvex K2	black / yellow	1 piece
2600003	uvex K3	black / red	1 piece
2600004	uvex K4	lime green / hi-viz	1 piece

Accessories:

Article-Nr.	Description	Packaging unit
2599971	Hygiene Kit size 1 (K1)	1 Set
2599972	Hygiene Kit size 2 (K2,K3,K4)	1 Set

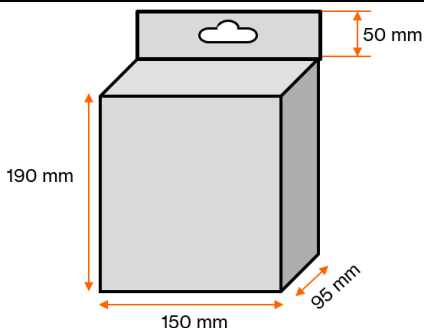
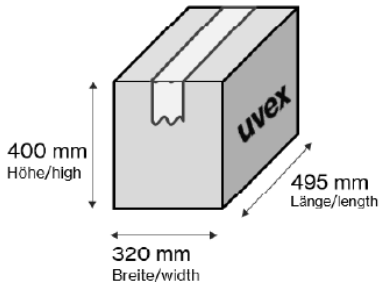
Storage:

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. We recommend to change the ear pads every 6 months.

Logistics Information:
K1; K2; K3; K4

	Sales unit	Outer carton
Order unit	1 piece	1 piece
GTIN number	K1: 4031101592923 K2: 4031101592930 K3: 4031101592947 K4: 4031101875293	K1: 4031101781983 K2: 4031101781976 K3: 4031101781969 K4: 4031101639710
Quantity sales unit	1	20
		
Dimensions (lxwxh)	150mm x 190mm x 95mm	495mm x 320mm x 400mm
Packaging material	Cardboard box	Corrugated cardboard
Volume	2.86 dm ³	63,36 dm ³
Net weight	K1: 180 g K2: 217 g K3: 297 g K4: 356g	K1: 3,6 Kg K2: 4,3 Kg K3: 5,9 Kg K4: 7,1 Kg
Gross weight	K1: 280 g K2: 317 g K3: 397 g K4: 455 g	K1: 6,6 Kg K2: 7,3 Kg K3: 8,9 Kg K4: 10,1 Kg

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