

# Secure Neckband

## Passive hearing protection.

The neckband style hearing protector offers great versatility to the user. A perfect solution when you need hearing protection in combination with bump caps, wide brimmed helmets, helmets without attachment slots or stand-alone face protection.

### 1. Secure 1N

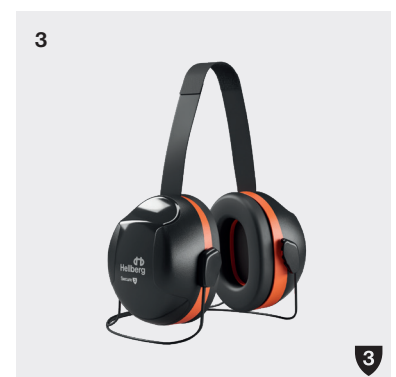
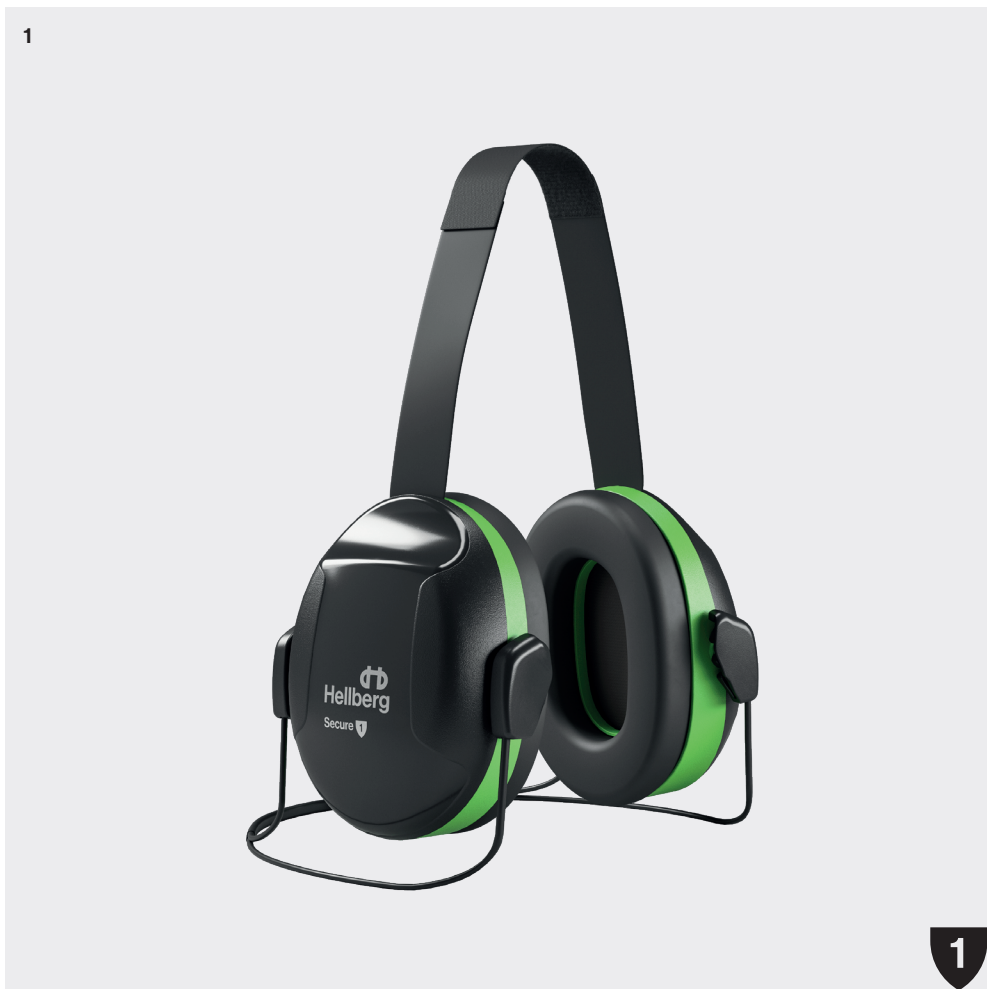
Article nr: 43001-001

### 2. Secure 2N

Article nr: 43002-001

### 3. Secure 3N

Article nr: 43003-001



## Overview/Features

- 1
  - Protection level 1 for low to medium noise
  - Very slim and light weight
- 2
  - Protection level 2 for medium to high noise
  - Best choice for high frequency noise
- 3
  - Protection level 3 for high to very high noise
  - Best choice for low frequency noise

The neckband style hearing protector offers great versatility to the user. The slim profile design increases stability and reduces the risk of snagging in confined areas. The velcro support strap is easily adjustable to any head size and ensures that the hearing protector stays in position.

### Noise Protection Level

Hellberg hearing protectors are divided into three noise protection levels, ranging from low to high noise protection. These are clearly indicated with bright safety colours for easy identification and selection.

### Neckband

Steel wire construction with insulation of the metal parts for non-conductivity. To be worn behind the neck.

### Soft velcro support band

The soft support band enhances the fit of the neckband hearing protector. Easy to adjust to any head size and rests lightly on the crown of the head, comfortable to wear the entire working day.

### Made of high quality plastic

Durable construction made from thermoplastics that withstand rough environments and variable temperatures without ever losing its clamping force and flexibility. This non-conductive construction makes it a perfect choice for working close to electrical sources.

### Replaceable cushions with "snap-in" system

Comfortable cushions with minimal sweat retention and soft foam filling increases comfort. The snap-in system enables regular replacement for a long-lasting and hygienic product with high performance.

### Accessories

Part no	Description
99400-001	Hygiene Kit Secure 1 & 2
99401-001	Hygiene Kit Secure 3
99900-001	Fresh Sweat Absorber

# Technical data

## Attenuation data EN

### Secure 1N Neckband; EN 352-1:2002, H-29dB, M-23dB, L-16dB, SNR 26dB, Weight 192g

Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation	12,6	11,7	15,9	22,5	30,5	31,2	34,5	33,8
Std. dev	4,1	2,7	1,9	2,7	2,8	3,5	3,2	4,7
APV	8,5	9,0	14,0	19,8	27,7	27,7	31,3	29,1

### Secure 2N Neckband; EN 352-1:2002, H-33dB, M-27dB, L-19dB, SNR 30dB, Weight 215g

Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation	17,9	16,4	21,9	29,0	40,2	35,9	36,2	39,0
Std. dev	5,4	4,1	3,8	4,0	4,9	3,3	5,8	6,1
APV	12,5	12,3	18,1	25,0	35,3	32,6	30,4	32,9

### Secure 3N Neckband; EN 352-1:2002, H-35dB, M-31dB, L-22dB, SNR 33dB, Weight 240g

Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation	18,1	18,7	25,2	32,2	42,6	36,1	38,9	38,0
Std. dev	5,4	4,1	3,8	4,0	4,9	3,3	5,8	6,1
APV	12,5	12,3	18,1	25,0	35,3	32,6	30,4	32,9

## Attenuation data ANSI

### Secure 1H Neckband; ANSI S-3.19-1974: NRR 23, CSA Class B, Weight 6.77oz

Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation	16,7	18,1	27,8	39,5	32,0	34,1	35,8	37,8	36,3
Std. dev	3,3	2,1	2,5	3,7	2,7	2,3	2,5	3,9	3,4

### Secure 2N Neckband; ANSI S-3.19-1974: NRR 25, CSA Class A, Weight 7.58oz

Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation	17,6	20,7	31,0	40,4	35,2	38,2	35,5	39,2	38,7
Std. dev	3,2	2,3	2,4	3,2	3,0	3,4	2,3	2,8	2,7

### Secure 3N Neckband; ANSI S-3.19-1974: NRR 27, CSA Class A, Weight 8.46oz

Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation	18,9	22,8	32,2	41,8	36,8	35,9	37,6	39,4	38,3
Std. dev	2,9	2,2	2,2	2,7	2,7	2,3	2,4	2,8	3,2