

Ergoband Earplugs

HEB651

Features and Benefits

- Lightweight & durable
- Reduce pressure on the ear canal
- Disposable
- Replacement Pods: HEB673

Standards & Certification

- Certified AS/NZS 1270:2002



Fitting Instructions



1. Position the HEB651 under the chin as shown in fig.1. Use your hands to press the ear pods well into the ear canal using an inward motion.
2. Protection levels are improved by pulling ear up & back when fitting as shown in Fig.2.
3. Proper fit: In a noisy environment, highly press the band inward with fingertips, as shown in Fig. 3. You should not notice a significant difference in noise level.

Hearing protector class 3 tested to AZ/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 82dB(A) criterion. A lower criterion may required a high protection class.

Applications

- Construction • Manufacturing • Mining
- Municipal Services • Law enforcement
- Oil and Gas • Military



Packaging

- Box: 10 Bands
- Carton Qty: 20 Boxes



Ordering Information

Product Code	Description
HEB651	Ergoband Earplugs
HEB673	Ergoband Replacement Earplugs Pods

Sound Attenuation Values

Hearing protector Class 3 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 82dB criterion. A lower criterion may require a higher protector class.

Frequency (HZ)	125	250	500	1000	2000	4000	8000	Clamping Force	SLC ₈₀	Class
Mean (dB)	26.8	23.1	24.3	24.9	31.2	33.7	37.8	N/A	21	3
SD (dB)	8.8	8.1	8.9	7.4	6.4	6.5	8.9			
Mean-SD (dB)	18	15	15.4	17.5	24.8	27.2	28.9			

Important Note: SLC₈₀ rating could be different in your ears as each canal is different so it is hard to get accurate readings.

Noise	Class	Noise Levels
Sandblasting / Jack Hammers	5	105 to less than 110
Chainsaws / Fire Pumps	4	100 to less than 105
Lawnmowers/Grinders	3	95 to less than 100
Inside Truck	2	90 to less than 95
Engine Room	1	less than 90

Determination of Class:					
Class	1	2	3	4	5
SLC ₈₀ dB	10-13	14-17	18-21	22-25	26 or greater

WARNING : The reported attenuation of the Maxisafe ear plugs will only be obtained if it is in good condition and is fitted as directed. Reference should be made to AS/NZS: 1270:2002 to ensure the correct selection and use of protector.

Common noise sources and their typical sound levels

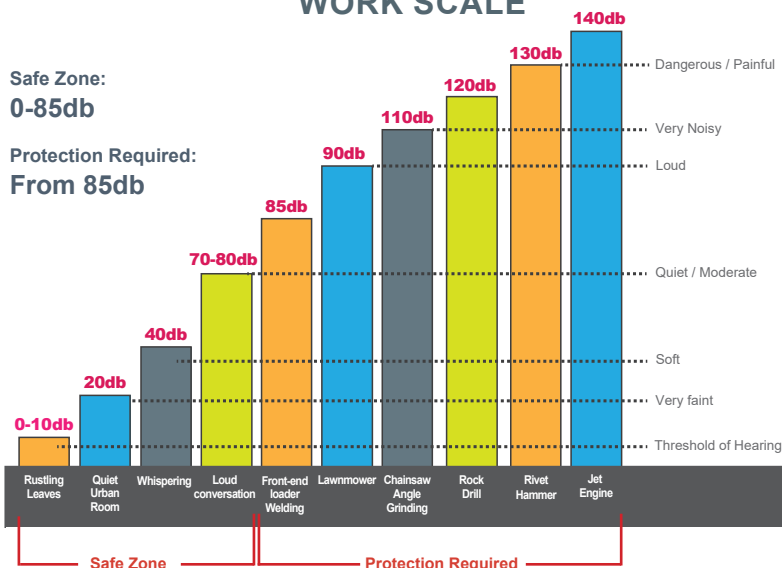
Typical sound level in db	Sound source
140	Jet engine at 30m (pain can be felt at this threshold)
130	Rivet hammer (pain can be felt at this threshold)
120	Rock drill
110	Chain saw Angle grinding
100	Sheet-metal workshop
90	Lawn-mower
85	Front-end loader Listening to a personal music player in a quiet room
80	Kerbside heavy traffic Lathe Welding
70	Loud conversation
60	Normal conversation
40	Quiet radio music
30	Whispering
20	Quiet urban room
10	Rustling leaves
0	Hearing threshold

Taken from Compliance Code Noise - Edition 2

Understanding Noise and Sound Levels WORK SCALE

Safe Zone:
0-85db

Protection Required:
From 85db



Noise is considered Health Hazard #4 according to Worksafe Victoria
<https://www.worksafe.vic.gov.au/noise>

For more details download a copy of Compliance Code Noise Edition 2, 2019 (Part 3 -Duties of Employers)
<https://www.worksafe.vic.gov.au/resources/compliance-code-noise>