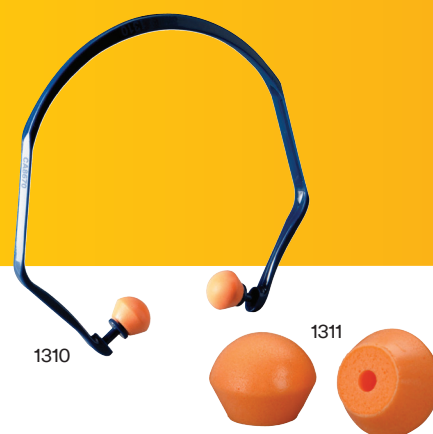


3M™ 1310 Banded Ear Plugs

3M™ 1311 (replacement tips for 3M 1310)

Technical Data Sheet



Features

- Complies with Australian/New Zealand Standard AS/NZS 1270:2002
- The flexible band design helps maintain a constant pressure for a broad range of head sizes, at a comfortable level.
- Flexible band allows fast fitting and optimal positioning.
- The pods cap the ear canal to make fitting the hearing protection quick, good for intermittent noise exposures.
- Economical, easily replaceable pods for increased convenience.
- Bright colours for easy safety checks.
- Can be worn behind-the-head or under-the-chin.
- When Worn Under the Chin = SLC_{80} 18 dB (Class 3)
- When Worn Behind the Neck = SLC_{80} 13 dB (Class 1)

Applications

3M™ 1310 Banded Ear Plugs are ideal for a wide range of industrial workplace and leisure environments.

Examples of typical applications include:

- Aircraft
- Automotive
- Woodworking
- Printing
- Construction
- Health Care Industry

Standards

The product has been tested by an accredited laboratory in accordance with the requirements in AS/NZS 1270 and has met the specifications of hearing protector **Class 3** (*under the chin*) and **Class 1** (*behind the neck*). When selected, used and maintained as specified in AS/NZS 1269, this hearing protector may be used in noise up to 100 dB(A) (under the chin) or may be used in noise up to 90 dB(A) (behind the neck) assuming an 85 dB(A) criterion. A lower criterion may require a higher protector class.

Laboratory Attenuation Values

Under the Chin

Frequency	125	250	500	1000	2000	4000	8000
Mean	19.3	17.5	15.0	19.5	32.0	35.5	38.3
SD	7.6	5.7	4.6	4.5	7.0	9.1	8.5
Mean-SD	11.6	11.8	10.4	14.9	24.9	26.4	29.7

SLC_{80} 18dB (Class 3)

Behind the Neck

Frequency	125	250	500	1000	2000	4000	8000
Mean	15.7	14.7	14.7	16.1	25.6	29.4	34.7
SD	8.9	7.7	6.7	7.4	7.6	7.3	7.5
Mean-SD	6.8	7.0	8.0	8.7	18.0	22.1	27.2

SLC_{80} 13dB (Class 1)

Key

Mean	Mean attenuation value derived from testing in accordance with AS/NZS 1270:2002.
SD	Standard Deviation derived from testing in accordance with AS/NZS 1270:2002.
Mean-SD	Mean attenuation value minus Standard Deviation SLC_{80} = Single number rating commonly used in Australia and New Zealand to compare acoustic performance of hearing protectors. The subscript '80' indicates that in well managed hearing protector programs, the protection provided is expected to equal or exceed the SLC_{80} in 80% of protector-wearer noise spectrum combinations.
Class	A simplified process for selecting hearing protectors based on the wearers 8-hour equivalent continuous A-weighted sound pressure level.

3M strongly recommends personal fit testing of hearing protectors. Research suggests that users may receive less noise reduction than indicated by the attenuation label value(s) on the packaging due to variation in fit, fitting skill, and motivation of the user. Refer to applicable regulations and guidance on how to adjust attenuation label value(s). In the absence of applicable regulations, it is recommended that the attenuation label value(s) be reduced to better estimate typical protection.

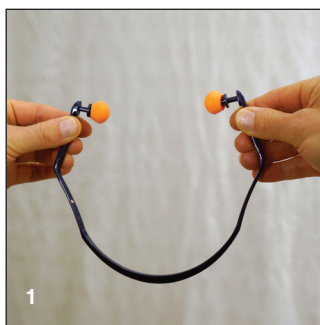
The effectiveness of a hearing protector reduces dramatically when the hearing protector does not fit properly, is incorrectly inserted or is not worn 100% of the time during ALL hazardous noise events. Removal of the hearing protector, even for brief moments, substantially reduces protection and greatly increases the risk of hearing damage.

Fitting Instructions

1. Inspect ear pods before each use. Discard if pods are torn, stiff, do not return to their original shape if squeezed, or are otherwise damaged. Grasp sides of band and pull headband gently apart.
2. Direct the pods towards the ear canal opening. Push in* and move in all directions for best seal until plugs cap the ear canal entrance.
3. The banded earplugs can be worn under-the-chin or behind-the-head.

* It may be necessary to pull up and outward on the outer ear, while pressing the ear pod toward the ear canal for effective seal.

Care should be taken to refit the banded earplugs if the ear pods become dislodged through movement. Before each fitting, the ear pods should be inspected to ensure they are in good condition.



Ear Pod Replacement

1. Remove the pod from the band.
2. Push on the new pod. It is recommended to rotate the pod while pushing, to make it easier to achieve correct positioning.



Warnings

To provide proper protection, the 3M™ 1310 Banded Ear Plugs should be:

- Suitable for the job
- Fitted properly
- Worn during all times of exposure to noise
- Worn by only one worker - not shared
- Replace ear pods after each use

Hearing protection is only effective if it is correctly selected, fitted and worn throughout the time the wearer is exposed to the noise hazard.

3M offers advice on the selection of products and training in the correct fitting and usage.

For help with selecting the most appropriate form of PPE or for more detailed product information, please contact the 3M Tech Assist Helpline in:

Australia 1800 024 464 or New Zealand 0800 364 357

Maintenance

The 3M 1310 Banded Ear pods are not reusable. The pods should be discarded once used, and replaced with 3M 1311 Ear Pods.

Materials

The following materials are used in the manufacture of this product.

Component	Material
Earplugs	Polyurethane foam
Headband	Acetal

Storage

- Store in area free of contamination
- Storage Temperature must be kept between -20°C and 40°C.
- Storage humidity <85% RH
- Product must be stored in original packaging.
- Regardless of storage history, always inspect hearing protectors before use and discard immediately if worn or damaged.

Shelf-Life

- 3M™ hearing protector product lifetimes assume the above storage conditions are met.
- Product lifetime = 3 years from date of manufacture as printed on the product packaging.

NOTE: Some locations may have regulations that include specific product lifetime requirements for hearing protectors, which should take precedence over these 3M recommendations if they are more restrictive.

Ordering Information

SAP ID	3M Order Code	Availability		Model #	Description
		AU	NZ		
7100089592	AT010561135 (AU) UU004902688 (NZ)	●	●	1310	3M™ Banded Earplugs 1310, 50 EA/Case
7100100262	HC000664835	●	●	1311	3M™ Banded Replacement Pods 1311, 100 Pair/Case

3M™ E-A-Rfit™ Dual-Ear Validation System Test Probe

Not available

WARNING!

These hearing protectors help reduce exposure to hazardous noise and other loud sounds. Misuse or failure to wear hearing protectors at all times that you are exposed to noise may result in hearing loss or injury. For proper use, see supervisor or User Instructions.

Always ensure the hearing protection device (HPD) is:

- Suitable for the application;
- Fitted correctly;
- Worn during all periods of exposure;
- Replaced when necessary.

Important Notice: To the extent permitted by law, 3M shall not be liable for any loss or damage including any loss of business, loss of profits, or for any indirect, special, incidental or consequential loss or damage arising from reliance upon any information herein provided by 3M. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence.



3M Australia Pty Ltd
Personal Safety Division
Bldg A, 1 Rivett Road
North Ryde NSW 2113

Customer Service 1300 363 565
Web www.3M.com.au/ppesafety

3M New Zealand Ltd
Personal Safety Division
94 Apollo Drive, Rosedale
Auckland 0632

Customer Service 0800 252 627
Web www.3M.com/nz/ppesafety

3M is a trademark of 3M. All other trademarks are property of their respective owner.
© 3M 2025. All rights reserved.