1310 Banded Ear Plugs



Data Sheet

3M™ 1310 Banded Ear Plugs
3M™ 1311 Replacement Plugs for 3M 1310

Main Features:

- The flexible band design helps maintain a constant pressure irrespective of head sizes, at a comfortable level.
- Flexible band allows instant fitting and optimal positioning.
- Round plugs do not enter the ear canal for better hygiene and less risk or irritation.
- Economical, easily replaceable plugs for increased convenience.
- Bright colours for easy safety checks.
- Can be worn behind-the-head or under-the-chin.

Applications:

The 3M 1310 Banded Ear Plug can be used in many industries where harmful noise is present such as:

- Metal Industry
- Automotive
- Textile
- Construction
- Aircraft
- Woodworking
- Printing
- Health Industry

Approvals:

The 3M 1310 Banded Ear Plugs have been shown to meet the Basic Safety Requirements under Article 10 of the European Community Directive 89/686.

The 3M 1310 Banded Ear Plugs are tested to EN352-2:1993 and are CE marked.

Materials:

The following materials are used in the production of the 3M 1310 Banded Ear Plug:

- Headband - Acetal
- Plugs - Polyurethane foam

Attenuation:

Attenuation data for the 3M 1310 Banded Ear Plugs (according to EN24869-1)

(under-the-chin)

F (Hz)	63	125	250	500	1000	2000	4000	8000
Mf (dB)	22.6	21.7	21.8	23.6	25.1	34.8	40.5	42.7
sf (dB)	5.0	4.6	4.5	4.3	3.0	3.2	4.3	3.6
Mf-sf (dB)	17.6	17.0	17.3	19.3	22.1	31.6	36.2	39.1

SNR = 26dB **H = 30dB** **M = 22dB** **L : 19dB**

(behind-the-head)

F (Hz)	63	125	250	500	1000	2000	4000	8000
Mf (dB)	19.9	20.1	20.4	22.7	24.7	36.2	40.1	42.9
sf (dB)	4.6	4.1	4.7	5.5	2.9	4.3	3.0	4.1
Mf-sf (dB)	15.3	16.0	15.8	17.2	21.8	31.9	37.1	38.8

SNR = 25dB **H = 30dB** **M = 21dB** **L = 18dB**

Information:

A range of information must be provided on the packaging. The packaging of the 3M 1310 Banded Ear Plugs complies with the requirements of EN352-2. A copy of this European standard can be purchased from your national standards body.

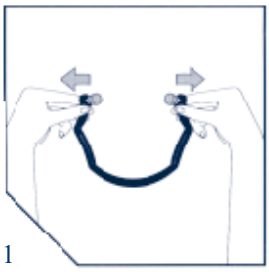
1310 Banded Ear Plugs

Fitting Instructions:

1) Grasp behind the pad and pull headband gently apart.
2) Direct the plugs toward the ear canal opening. Push in* and move in all directions for best seal.
3) The banded plugs 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 plug towards the ear canal for effective seal.

Care should be taken to refit the plug if it becomes dislodged through movement. Before each fitting the plugs should be inspected to ensure they are in good condition.



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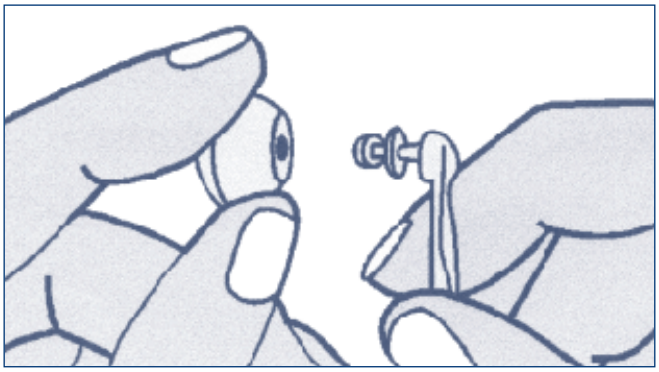
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Maintenance:

The 3M 1310 Banded Ear Plugs are reusable and can be removed and cleaned with soap and water. The ear plugs should be discarded when damaged or remain dirty after cleaning, and replaced with 3M 1311 Ear Plugs.

Plug Replacement:

1) Remove the plug from the band.
2) Push the new plug. It is recommended to rotate the plug whilst pushing, to make it easier to achieve correct positioning.



Warnings:

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

1) suitable for the job
2) fitted properly
3) worn during all times of exposure to noise
4) worn by only one worker, not shared
5) replaced when necessary

Hearing protection is only effective if it is correctly selected, fitted and worn throughout the time when 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 forms of PPE and relevant Health & Safety legislation, or for more detailed product information, please contact the 3M Health & Safety Helpline on: 0870 60 800 60.

For callers within the Republic of Ireland: 1 800 320 500.

3M

Occupational Health and Environmental Safety Group

3M United Kingdom PLC
3M House, PO Box 1,
Market Place, Bracknell,
Berkshire RG12 1JU

3M Ireland
3M House, Adelphi Centre, Upper Georges St.
Dun Laoghaire
Co. Dublin, Ireland

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