



Passive Earmuffs

Earmuffs consist of rigid cups with soft plastic cushions that seal around the ears to reduce noise. They are a popular choice in hearing protection due to their ease of use and greater comfort. They are available in headband, neckband, helmet-attachable and folding models to meet the needs in most common applications.

3M™ Passive Earmuffs

3M™ Ultra™ 9000 Earmuff

The flat attenuation of the 3M™ Ultra™ 9000 Earmuff gives wearers the advantage of being able to hear conversation and other critical sounds more clearly than when wearing most other protectors. The unique level-dependent acoustic system also “reacts” and protects when high noise levels occur. No batteries to go flat or electronics involved.

Dielectric	✓
Neck band	✗
Folding headband	✗
Helmet mounted	✗
Hi-viz	✗
Liquid filled sealing ring	✗
Hygiene Kit	✗



Product

Ultra 9000
Replacement Cushions
Replacement inner liners

Product codes

MU-01-000
MS-01-000
MU-01-001

3M™ Model 5000™ Earmuff

This lightweight general-purpose dielectric earmuff is ideal for daylong use and suitable for most industries other than those subjected to the loudest noise levels. The 3M™ Model 5000™ Earmuff is easily adjusted but retains the chosen position with the innovative ‘twist and lock’ mechanism.

Dielectric	✓
Neck band	✗
Folding headband	✗
Helmet mounted	✗
Hi-viz	✗
Liquid filled sealing ring	✗
Hygiene Kit	✗



Product

Without Headband cushion
With Headband cushion

Product codes

MS-01-005
MS-01-006



Peltor™ Optime™ I Earmuff



Peltor™ Optime™ I Earmuff offers versatile protection and is very lightweight providing high wearer comfort. It combines a low profile with generous inner depth which makes it easy to combine with other equipment, allowing the ear to rest comfortably. Peltor™ Optime™ I Earmuff is your choice for both short and long duration tasks. The wide, comfortable sealing rings are filled with a unique combination of fluid and foam, which gives optimum sealing and low contact pressure at the same time. It is ideal for use in environments with moderate industrial noise, such as workshops, sheet-metal shops and printing works, but also suitable outdoors, such as lawn mowing or in connection with hobby and leisure activities.

This also available in dielectric version with no visible parts.

Available in Hi-Viz green for workers who need hearing protection and be extra visible – on road construction sites, airports or other high-risk workplaces.

Please see page 46 for approved combinations of Peltor™ Hearing and Helmets according to EN 352-3.



Headband



Folding Headband



Neckband



Dielectric (Option)	✓
Neck band	✓
Folding headband	✓
Helmet mounted	✓
Hi-viz	✓
Liquid filled sealing ring	✓
Hygiene Kit	✓

Product	Product codes
Headband	H510A
Neckband	H510B
Folding Headband	H510F
Helmet Attachment	H510P3*
Hygiene Kit	HY51



Hi-Viz



P3* - Helmet Attachment

3M™ Passive Earmuffs

Peltor™ Bull's Eye™ I Earmuff

The Peltor™ Bull's Eye™ I Earmuff has been designed in co-operation with world class sportspeople in order to develop a hearing protector that works for marksmen. As an example, the lower part of each cup is bevelled to avoid interference between the hearing protector and the rifle butt.

The attenuation of the hearing protector is sufficient to ensure protection in most high noise situations without being too bulky. It is essential that hearing protection is comfortable to build wearer acceptance. It is critical that protection is worn when exposed to noise and not to distract when shooting. To achieve this, the Peltor™ Bull's Eye™ I Earmuff has wide comfortable sealing rings which are filled with a combination of fluid and foam, giving optimum sealing and low contact pressure. The muff has a collapsible headband for easy and protective storage in a pocket or bag.



Folding Headband Red



Dielectric	✘
Neck band	✘
Folding headband	✓
Helmet mounted	✘
Hi-viz	✘
Liquid filled sealing ring	✓
Hygiene Kit	✓

Product

Headband Red
 Headband Green
 Headband Black
 Hygiene Kit
 Hygiene kit Military Green

Product codes

H515FB-516-RD
 H515FB-516-GN
 H515FB-516-SV
 HY51
 HY51 GN



Folding Headband Green



Folding Headband Black



Peltor™ H31™ Optime™ I Earmuff



A low, slimmed down hearing protector ideal for use in forestry, sawmills and industry. It is a comfortable product with excellent attenuation which has a low contact pressure, close to the head position, with no protruding parts.

This earmuff cup has a recess at the top making it a more comfortable fit with hard hats. The wide, comfortable sealing rings are filled with a unique combination of fluid and foam, providing optimum sealing and ideal comfort even during long periods of use. The sealing rings have ventilation canals and are coated with specially designed soft, patterned hygienic foam.

Please see page 46 for approved combinations of Peltor™ Hearing and Helmets according to EN 352-3.



Headband



Neckband



Dielectric (Option)	✓
Neck band	✓
Folding headband	✗
Helmet mounted	✓
Hi-viz	✓
Liquid filled sealing ring	✓
Hygiene Kit	✓



P3* - Helmet Attachment



Product

- Headband
- Neckband
- Helmet Attachment
- Hygiene Kit

Product codes

- H31A 300
- H31B 300
- H31P3* 300
- HY52



3M™ Passive Earmuffs

Peltor™ Optime™ II Earmuff



The Peltor™ Optime™ II Earmuff has been developed for demanding noisy environments and muffles even extremely low frequencies to a maximum degree. The sealing rings are filled with a unique combination of liquid and foam. The result is an optimum seal with low contact pressure, which provides agreeable comfort even during long-term use. The sealing rings have ventilation channels and are covered with soft, patterned, hygienic foam.

Peltor™ Optime™ II Earmuff is a suitable choice for environments with substantial industrial noise or construction machinery, airports and agricultural work. The product is also available in a dielectric version without visible metal parts and in Hi-Viz green for workers who need hearing protection and to be extra visible – on road construction sites, airports or other high-risk workplaces.

Please see page 46 for approved combinations of Peltor™ Hearing Protection and Helmets according to EN 352-3.



Headband



Folding Headband



Neckband

Dielectric (Option)	✓
Neck band	✓
Folding headband	✓
Helmet mounted	✓
Hi-viz	✓
Liquid filled sealing ring	✓
Hygiene Kit	✓

Product

- Headband
- Neckband
- Folding Headband
- Helmet Attachment
- Hygiene Kit

Product codes

- H520A
- H520B
- H520F
- H520P3*
- HY52



Hi-Viz



P3* - Helmet Attachment





Peltor™ Optime™ Push To Listen Earmuff



A whole new series of passive hearing protectors with a manual listening function is available. The design is as simple as it is clever - pressing a button on the shell enables you to reduce attenuation to hear a conversation. This addresses one of the strongest needs at workplaces that require extremely powerful passive hearing protectors by allowing communication with colleagues without removing or lifting any of the hearing protector cups from the ear to avoid the risk of hearing impairment.

The Peltor™ Optime™ Push To Listen Earmuff means no more cup lifting, it is an "Electronicpassive" muff – which has one passive side and one electronic side. Simply push the button to listen, opening up the ear defender for communication. The electronic function automatically shuts off after 30 seconds and can be manually adjusted to close earlier if needed. The product is also available in Hi-Viz green for workers who need hearing protection and be extra visible – on road construction sites, airports or other high-risk workplaces.

Please see page 46 for approved combinations of Peltor™ Hearing and Helmets according to EN 352-3.



Headband



P3*- Helmet Attachment



Dielectric	✗
Neck band	✗
Folding headband	✗
Helmet mounted	✓
Hi-viz	✓
Liquid filled sealing ring	✓
Hygiene Kit	✓

Product

Headband
 Hi-Viz Headband
 Helmet Attachment
 Hi-Viz Helmet Attachment
 Hygiene Kit

Product codes

MT155H530A 380
 MT155H530-489-GB
 MT155H530P3 380
 MT155H530P3E-490-GB
 HY53 - PTL



Hi-Viz

3M™ Passive Earmuffs

Peltor™ Bull's Eye™ II Earmuff



31dB
SNR

The Peltor™ Bull's Eye™ II Earmuff is a hearing protector for intensive noise environments or situations. The product is very comfortable to wear even over longer periods with a weight of 230 grams. With its thin and collapsible headband it offers great convenience. The Peltor™ Bull's Eye™ II Earmuff is available in three different colours red, green and black.



Dielectric	X
Neck band	X
Folding headband	✓
Helmet mounted	X
Hi-viz	X
Liquid filled sealing ring	✓
Hygiene Kit	✓

Product

- Headband Red
- Headband Green
- Headband Black
- Hygiene Kit Military Green
- Hygiene Kit Black

Product codes

- H520F-440-RD
- H520F-440-GN
- H520F-440-SV
- HY52 GN
- HY52



Folding Headband Red



Folding Headband Black



Folding Headband Green





Peltor™ Optime™ III Earmuff



The Peltor™ Optime™ III Earmuff is a high performance hearing protector and has been developed for use in extremely noisy environments. The protection is based on a technology with a double casing minimising resonance in the holder casing resulting in maximum high-frequency attenuation.

An acoustic connection between the inner volume and the volume between the casings in its turn provides maximum low-frequency attenuation.

The sealing rings are broad and filled with soft plastic foam for the best fit and low contact pressure. The Peltor™ Optime™ III Earmuff stands for effective protection and highest comfort for the wearer.

The product is also available in dielectric version without visible metal parts and in Hi-Viz green for workers who need hearing protection and be extra visible – on road construction sites, airports or other high-risk workplaces.

Please see page 46 for approved combinations of Peltor™ hearing and helmets according to EN 352-3.



Headband



Neckband



P3* Helmet Attachment

Dielectric	✓
Neck band	✓
Folding headband	✗
Helmet mounted	✓
Hi-viz	✓
Liquid filled sealing ring	✗
Hygiene Kit	✓

Product

- Headband
- Neckband
- Helmet Attachment
- Hygiene Kit

Product codes

- H540A
- H540B
- H540P3*
- HY54



Hi-Viz

3M™ Passive Earmuffs

Peltor™ Bull's Eye™ III Earmuff



**35dB
SNR**

The Peltor™ Bull's Eye™ III Earmuff is a hearing protector with extremely high attenuation for highly intensive noise environments or situations where your concentration needs to be protected from distracting sounds. The wide, soft, padded headband provides optimal comfort even during long hours of use with a weight of 285 grams.

The Peltor™ Bull's Eye™ III Earmuff is available in green.

Dielectric	X
Neck band	X
Folding headband	X
Helmet mounted	X
Hi-viz	X
Liquid filled sealing ring	X
Hygiene Kit	✓

Product

Headband
Hygiene Kit Military Green

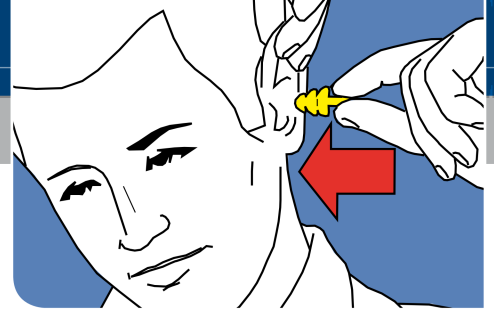
Product codes

H540A-441-GN
HY54 GN



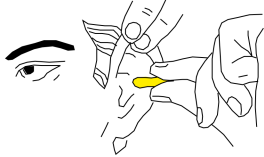
Headband

3M™ Technical Information



Hearing Protection Use and Care

Roll Down Earplugs

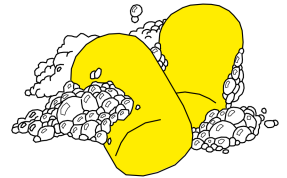


How to use

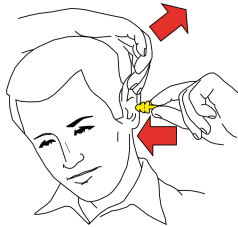
Slowly roll and compress foam earplugs into a very thin cylinder. While compressed, insert the earplug well into the ear canal. Fitting is easier if you reach around the head to pull the ear outward and upward during insertion.

Care and cleaning

Keep the earplugs clean and free from material that can irritate the ear canal. They may be washed in mild liquid detergent and warm water. Squeeze excess water from the plugs and air dry. Washing may be repeated several times. Discard the earplugs if they noticeably change their firmness or do not re-expand to their original size and shape.

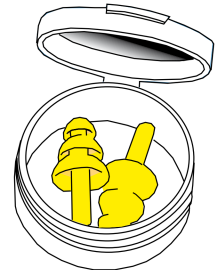


Reusable Pre Moulded Earplugs

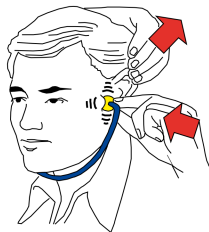
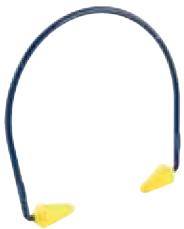


Reach around the back of your head and pull outward on the ear while inserting the plug until you feel it sealing. This may seem tight at first, especially if you have never worn earplugs.

Pre-moulded earplugs could last several months depending on the type and on your work environment, hygiene and body chemistry. They should be replaced if they shrink, harden, tear, crack or become permanently deformed. Wash them in warm soapy water and rinse well. When dry, store them in a carrying case.

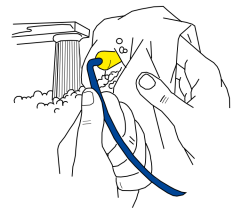


Banded Earplugs



Hold the large ends of the pods and swivel them to direct the tips into the ear canal openings. Firmly push and wiggle the pods into the ear canal until a snug seal is obtained. Pulling on the outer ear while pushing the pods will be helpful to most wearers.

Most semi-aural hearing protectors can be cleaned in the same way as pre-moulded earplugs. Since the band holds the tips in place to provide an acoustic seal, do not tamper with it otherwise the protection afforded by the device may be reduced.

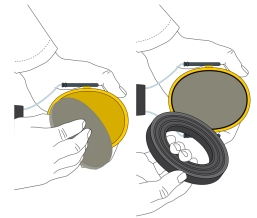


Earmuffs



Earmuffs must fully enclose the ears to seal against the head. Adjust the headband so cushions exert even pressure around the ears to get the best noise reduction. Pull hair back and out from beneath the cushions. Do not wear caps, store pencils behind the ear or anything that may break the seal.

Cushions can be cleaned with warm soapy water and rinsed thoroughly. Do not use alcohol or solvents. Cushions normally need replacing at least twice a year or more – whenever they become stiff, cracked, or do not seal. Do not modify earmuffs in any way, and especially do not stretch or abuse the headband as this will reduce protection.



Peltor™ Clean

Disposable hygiene protection for hearing protectors, headsets e.t.c.

Product code

HY100A 100 pairs on a roll in a dispenser

HY100A-01 20 envelopes x 5 pairs in a dispenser.

The disposable hygiene protection Peltor™ Clean is an easy way to improve hygiene and comfort. They are easy to fix to the sealing rings and lead to insignificant loss of attenuation. Effective and practical for use in dirty or hot environments to keep cushions hygienically clean. Also useful when several persons are using the same item, for example visitors hearing protectors.

