



Innovation,  
quality  
and performance



# Solutions for Worker Safety

As one of the world's leading suppliers of safety and protective equipment, 3M's goal is to ensure that we satisfy your needs through the provision of exceptional products, expertise, quality and service excellence.

Our global technology, manufacturing and knowledge network allow us to provide superior design, cross-over compatibility, expertise, comprehensive support and a continuously evolving range of safety solutions.

We provide solutions for work situations that require basic personal protective equipment through to environments that call for the most sophisticated and comprehensive protection. Whether the customer is a tradesman, a medium-sized business or a company employing thousands of workers, 3M has a workplace safety solution to meet your needs

If we can make your life and that of your workforce easier, healthier, safer and more productive we are moving in the right direction.

## The 3M range of solutions for worker safety includes:

- Respiratory Protection
- Hearing Protection
- Eye Protection
- Welding Protection
- Spill Management
- Worker Visibility
- Detection & Monitoring

## 3M Safety brands you can trust:



**PELTOR™**

 **Speedglas®**





## Contents

E-A-R™ Optime™ Alert System	4
Hearing Protector Selection Chart	5
E-A-Rfit™ Validation System	6

## E-A-R™ Earplugs 7

No Roll Down Earplugs	8
Disposable Earplug	9-10
Reusable Earplugs	11
Banded Earplugs	12
Earplug Dispenser and Refills	13

## Peltor™ Earmuffs 14

H10 Series - Extreme Performance	15
H7 Series - Deluxe	16
H6 Series - Low Profile	17
H9 Series - Select Performance	18
Kid Series	19

## Peltor™ Earmuffs with Communications

Lite-Com™ III	20
Tactical™ XP	21
Pro-Tac™ II	22
SportTac™	23
Push to Listen™	24
Workstyle Solutions	25

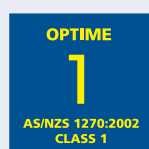
Earplug Attenuation Data	26
Earmuff Attenuation Data	27
Hearing Protection Use and Care	28
Understanding Ear Protection	29-30
3M Training and Support	31
3M Contact Details	32



## E-A-R™ Optime™ Alert System

The Optime System is a complete solution to the question of identifying the required protection, selecting and purchasing the right product where your employees are exposed to hazardous noise levels.

Our system uses a simple, logically coloured classification to make the selection process easy. Firstly find out what your noise exposure is, then look at the icons below and establish which class of hearing protection you require. Take note of the icon and choose from the wide range of products featuring the correct icon.



85 < 90dB

Corresponds to AS/NZS 1269.3:2005 Class 1  
SLC<sub>80</sub> 10 to 13dB



90 < 95dB

Corresponds to AS/NZS 1269.3:2005 Class 2  
SLC<sub>80</sub> 14 to 17dB



100 < 105dB

Corresponds to AS/NZS 1269.3:2005 Class 3  
SLC<sub>80</sub> 18 to 21dB



100 < 105dB

Corresponds to AS/NZS 1269.3:2005 Class 4  
SLC<sub>80</sub> 22 to 25dB



105 < 110dB

\*Corresponds to AS/NZS 1269.3:2005 Class 5  
SLC<sub>80</sub> 26 dB or greater

\*Noise exposures > 110dB require specialist advice

## E-A-R™ Optime™ Sound Check Meter

3M has a simple sound level indicator, the E-A-R Optime Sound Check Meter, that complements the Optime™ Alert System by establishing which colour code you need to follow.

### Use the Optime Sound Check Meter to identify the noise level

Place the meter as close to the work area as possible for a full shift. The meter measures the sound level and then calculates an 8-hour time weighted average. The symbols light up to the corresponding noise level. These symbols correspond to an Optime classification.

### Match the Optime Classification to a product

Using the Optime classification from the meter, you can find the matching column on the Hearing Protector Selection Chart on page 5. Choose one or more of the products in that column for use in that work area.



Description	Product Code
Optime Sound Check Meter	88099-00000

# Hearing Protector Selection Chart



AS/NZS Class	Class 1	Class 2	Class 3	Class 4	Class 5	
Exposure Levels ( $L_A$ eq 8hr)	85 < 90dB	90 < 95dB	95 < 100dB	100 < 105dB	105 < 110dB	$\geq 110$ dB
Hearing Protector	Green 	Green/Yellow 	Yellow 	Yellow/Red 	Red 	Flashing Red 
 No Roll Down Earplugs			Express	Push-Ins	Push-Ins with Grip Rings	Seek advice from your rep
 Disposable Earplugs			Classic (corded)	Classic Classic Platinum Classic Superfit 30 E-A-Rsoft Superfit E-A-Rsoft Metal Detectable E-A-Rsoft Yellow Neons	E-A-Rsoft FX, TaperFit 2	Seek advice from your rep
 Reuseable Earplugs			Ultrafit Ultrafit EZ-Ins Ultrafit Metal Detectable	Ultrafit 27		Seek advice from your rep
 Banded Earplugs	Caboflex 600	E-A-Rflex Foam E-A-Rflex Metal Detectable	Swerve with FLEX 28 Tips	Swerve with Comfort Pods		Seek advice from your rep
 Earmuffs				H6 Series H9 Series	H10 Series, H7 Series	Seek advice from your rep
 Earmuffs with Communications			Lite-Com III (for helmet)	SportTac Lite-Com III (headband)	Tactical XP, Pro Tac II, Push-to-Listen, Worktunes II, Worktunes Plus, FM Radio Earmuffs, WS Alert w/Bluetooth	Seek advice from your rep



# Hearing Protection



## E-A-Rfit™ Validation System

**Stop guessing what protection levels your workers are really getting from their earplugs**



**Start knowing each worker's personal protection level and validate that they are getting the protection they need.**

### Features and Benefits:

#### Innovative F-MIRE process is quick, simple and accurate

Unlike less reliable tone response tests, E-A-Rfit is a F-MIRE (field-microphone-in-real-ear) test system. Intervention of the worker or tester is not required, making this an objective process.



#### Dual Element Microphone

Measures sound inside and outside the ear



#### Personal attenuation rating (PAR) for each worker in just eight seconds

The advanced algorithm utilises a transfer function measurement approach to acquire reliable data in only (8) eight seconds at seven standard (125Hz to 8000 Hz) frequencies. You'll know exactly what level of protection each worker receives from each tested earplug. No guesswork.



#### Data is documented for future reference

Each worker's PAR results are automatically documented and stored. This information is valuable for comparison during subsequent tests and may be aggregated to measure the variation in fit of a worker. Results may assist in future workers compensation cases. A copy of the results can be provided to your company's Hearing Conservation Program Administrator or Occupational Health professional.

#### Application Software

Software provides enhanced metrics for guidance in the application of the measured insertion loss values.

#### Test is compatible with a variety of E-A-R™ earplugs

Protection levels can be validated with many different E-A-R earplugs. This selection includes specially-probed versions of foam, no roll and reusable earplugs. Test plugs are sold separately.

Description	Product Code	Pkg
E-A-Rfit™ Testing Unit	393-100	1 unit/case
E-A-Rsoft™ Yellow Neon Probed Test Plugs	393-2000	10 pairs
E-A-R™ Ultrafit™ Probed Test Plugs	393-2001	10 pairs
E-A-R™ Push-Ins™ Probed Test Plugs	393-2002	10 pairs
E-A-R™ Classic™ Probed Test Plugs	393-2003	10 pairs
E-A-Rsoft™ FX Probed Test Plugs	393-2004	10 pairs
E-A-R™ TaperFit™ 2 Probed Test Plugs	393-2006	10 pairs
E-A-R™ Classic™ Platinum Probed Test Plugs	393-2007	10 pairs





# E-A-R™ Earplugs

## Hear the difference

3M offers a complete range of E-A-R™ earplugs for anyone who spends time in noisy environments. We revolutionised the hearing protection industry with the creation of the first foam earplug, the E-A-R™ Classic. Ever since then, we have continued to lead the way with progressive research and the development of innovative products such as the first washable and reusable UltraFit plugs and more recently, the no roll down Push-In plugs.

All our products are designed for optimum comfort, protection and ease of use. Each is manufactured to the highest quality control and offers a range of attenuation performance.

## Our extensive offering of E-A-R earplugs includes:



**No Roll Down Earplugs**



**Disposable Earplugs**



**Reusable Earplugs**



**Banded Earplugs**

## E-A-R earplug features include:

- + Majority of earplugs are available in corded options
- + Breakaway cord on all corded products
- + All earplug materials are regularly tested for dermal toxicity
- + Provide optimal fit capability with other personal protection equipment
- + Compatibility with the 3M E-A-Rfit™ Validation System
- + Variety of designs to suit a myriad of applications and workplaces

## E-A-R earplug benefits include:

- + Assurance of proven protection and high quality
- + Proven reliability and success in preventing hearing loss
- + Tested to Australian/New Zealand Standard AS/NZS1270 (See page 26 for attenuation data for all earplugs listed in this catalogue)

# E-A-R™ Earplugs



## No Roll Down Earplugs

Since there is no roll needed, these earplugs are very easy to insert, just use the soft flexible grip to push the earplug into position and achieve excellent protection. Because you do not have to touch the foam during the fitting, these are some of the most hygienic types of earplugs available.

### Features and Benefits:

#### Comfortable

- + Unique cone shape inserts easily and "moulds" to ear canal for extra comfort

#### Convenient

- + Washable and reusable
- + The insertion stem eliminates the need to touch the tip: no need to clean your hands

#### Effective

- + Grip Rings hold the plugs in position, maintaining performance and comfort
- +  $SLC_{80}$ : 26dB (Class 5)

#### Versatile

- + Available corded and uncorded

#### Compatible with

- + Designed to be compatible with other PPE



### E-A-R™ Push-Ins™ with Grip Rings

<b>Description</b>	E-A-R Push-Ins with Grip Rings (Corded)
<b>Product Code</b>	318-1009
<b>Description</b>	E-A-R Push-Ins with Grip Rings (Uncorded)
<b>Product Code</b>	318-1008
<b>Packaging</b>	Polybag, 200 pairs/box, 10 boxes/case



**E-A-R™ Push-Ins™**  
Disposable pod earplugs with high attenuation. Compatible with E-A-R Fit™ Validation System  
 $SLC_{80}$ : 23dB (Class 4)

<b>Description</b>	E-A-R Push-Ins (Corded)
<b>Product Code</b>	318-1003
<b>Packaging</b>	Polybag, 200 pairs/box, 10 boxes/case



### E-A-R™ Express™

Unique pod design allows the foam to compress easily. Plug slides gently into the ear and expands slowly.  
 $SLC_{80}$ : 19dB (Class 3)

<b>Description</b>	E-A-R Express (Corded)
<b>Product Code</b>	321-2115
<b>Description</b>	E-A-R Express (Uncorded)
<b>Product Code</b>	321-3200
<b>Packaging</b>	Pillow Pack, 400 pairs/case





# Disposable Earplugs

E-A-R™ offers a variety of disposable earplugs to suit all workers.

From the original Classic™ to the E-A-Rsoft™ FX, they are available in multiple shapes and sizes to comfortably accommodate different wearer and workplace needs. Designed for single use, these earplugs provide a range of effective solutions for those seeking a convenient hearing protection approach.

## Features and Benefits:

### Comfortable

- + Tapered shape preferred by many wearers
- + Non-irritating
- + Polyurethane foam

### Convenient

- + Plus size option for larger ear canals
- + Available corded & uncorded

### Effective

- +  $SLC_{80}$ : 26dB (Class 5)

### Compatible with

- + Designed to be compatible with other PPE
- + EARfit™ Validation System to check personal attenuation ratings



## E-A-R™ Taperfit™ 2

<b>Description</b>	E-A-R Taperfit 2 Plus (Corded)
<b>Product Code</b>	312-3224
<b>Description</b>	E-A-R Taperfit 2 Plus (Uncorded)
<b>Product Code</b>	312-3221
<b>Description</b>	E-A-R Taperfit 2 Regular (Uncorded)
<b>Product Code</b>	312-1219
<b>Packaging</b>	Polybag, 200 pairs/box, 10 boxes/case



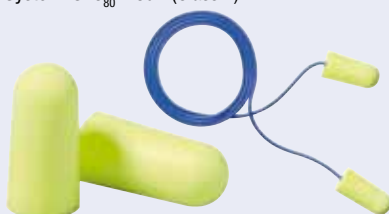
## E-A-Rsoft™ FX

Features patented shape to more effectively fit ear canal. Made of custom polyurethane foam for slow recovery and increased softness in the ear canal. Compatible with EARfit™ Validation System.  $SLC_{80}$ : 26dB (Class 5)

<b>Description</b>	E-A-Rsoft FX (Corded)
<b>Product Code</b>	312-1260
<b>Description</b>	E-A-Rsoft FX (Uncorded)
<b>Product Code</b>	312-1261
<b>Packaging</b>	Polybag, 200 pairs/box, 10 boxes/case

## E-A-Rsoft™ Yellow Neons

Neon colour for easy compliance sighting. Smooth texture. Compatible with EARfit™ Validation System.  $SLC_{80}$ : 23dB (Class 4)



<b>Description</b>	E-A-Rsoft Yellow Neons - Large (Corded)
<b>Product Code</b>	311-1251
<b>Description</b>	E-A-Rsoft Yellow Neons - Regular (Uncorded)
<b>Product Code</b>	312-1250
<b>Description</b>	E-A-Rsoft Yellow Neons - Large (Uncorded)
<b>Product Code</b>	312-1251
<b>Packaging</b>	Polybag, 200 pairs/box, 10 boxes/case

# E-A-R™ Earplugs



## Disposable Earplugs (continued)

### Features and Benefits:

#### Comfortable

- + Soft energy absorbing foam offers a low equilibrium pressure in the ear canal
- + Resistant to moisture absorption, helping to reduce moving and shifting problems when using in moist conditions
- + Designed to fit and protect without irritation

#### Effective

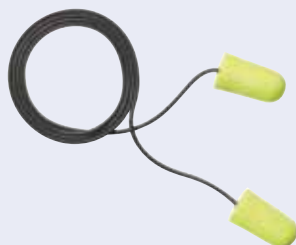
- + Tested and proven to be flame resistant
- + Exposed cell surface texture resists movement and helps maintain an effective seal
- + Available as:  
SLC<sub>80</sub>: 23dB (Class 4) or  
SLC<sub>80</sub>: 21dB (Class 3) - corded model

#### Convenient

- + Available in handy and resealable Pillow Pack
- + Available in two sizes – original Classic and the smaller diameter, Classic Platinum

#### Compatible with

- + Designed to be compatible with other PPE
- + EARfit™ Validation System to check personal attenuation ratings



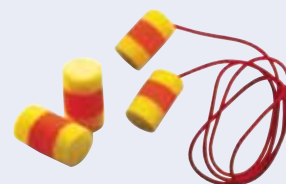
**E-A-Rsoft™ Metal Detectable**  
Soft, all day comfort with metal detectability.  
SLC<sub>80</sub>: 23dB (Class 4)

<b>Description</b>	E-A-Rsoft Metal Detectable Regular (Corded)
<b>Product Code</b>	311-4106
<b>Packaging</b>	Polybag, 200 pairs/box, 10 boxes/case

### E-A-R™ Classic™ & E-A-R™ Classic™ Platinum

<b>Description</b>	E-A-R Classic- Class 4 (Uncorded)
<b>Product Code</b>	310-3001
<b>Description</b>	E-A-R Classic Platinum – Class 4 (Uncorded)
<b>Product Code</b>	310-4002
<b>Packaging</b>	Pillow Pack, 200 pairs/box, 10 boxes/case

<b>Description</b>	E-A-R Classic- Class 4 (Uncorded)
<b>Product Code</b>	312-1201
<b>Description</b>	E-A-R Classic Platinum-Class 4 (Uncorded)
<b>Product Code</b>	310-4003
<b>Description</b>	E-A-R Classic- Class 3 (Corded)
<b>Product Code</b>	311-1103
<b>Packaging</b>	Polybag, 200 pairs/box, 10 boxes/case



### E-A-R™ Classic™ Superfit™ 30

If the red line is visible, the earplug is not inserted deep enough in the ear canal for optimal protection.  
Corded: SLC<sub>80</sub>: 22dB (Class 4)  
Uncorded: SLC<sub>80</sub>: 23dB (Class 4)

<b>Description</b>	E-A-R Classic Superfit 30 (Corded)
<b>Product Code</b>	311-2126
<b>Description</b>	E-A-R Classic Superfit 30 (Uncorded)
<b>Product Code</b>	312-5201
<b>Packaging</b>	Polybag, 200 pairs/box, 10 boxes/case



### E-A-Rsoft™ Superfit™

Soft foam with red line delivers protection and comfort. Bullet design. Available in large size for larger ear canals. SLC<sub>80</sub>: 24dB (Class 4)

<b>Description</b>	E-A-Rsoft Superfit -Regular (Corded)
<b>Product Code</b>	311-1254
<b>Description</b>	E-A-Rsoft Superfit - Regular (Uncorded)
<b>Product Code</b>	312-1256
<b>Description</b>	E-A-Rsoft Superfit – Large (Uncorded)
<b>Product Code</b>	312-1255
<b>Packaging</b>	Polybag, 200 pairs/box, 10 boxes/case



# Reusable Earplugs

Reusable earplugs are comfortable, hygienic and economical.

No sizing is required for these patented, pre-moulded, earplugs.

They are available in a variety of styles and protection levels and with a joining cord to prevent loss.

## Features and Benefits:

### Comfortable

- + Comfortable triple flange tip is made of patented new polymer formation
- + Non-irritating

### Convenient

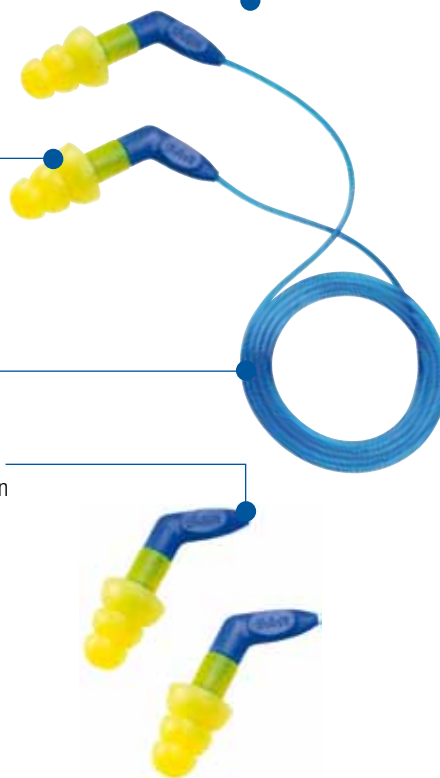
- + Reusable and ready to use
- + No sizing
- + Bright blue cord helps prevent lost plugs

### Effective

- + Innovative pistol grip with angled shape gives wearers improved fingertip control for insertion
- +  $SLC_{80}$ : 22dB (Class 4)

### Compatible with

- + Designed to be compatible with other PPE



## E-A-R™ Ultrafit™ 27

<b>Description</b>	E-A-R Ultrafit 27 (Corded)
<b>Product Code</b>	340-8002
<b>Description</b>	E-A-R Ultrafit 27 (Uncorded)
<b>Product Code</b>	340-8001
<b>Packaging</b>	Polybag, 400 pairs/case



## E-A-R™ Ultrafit™

Premoulding delivers performance in a variety of work environments. Soft plastic material. Compatible with E-A-R Fit™ Validation System.  $SLC_{80}$ : 18dB (Class 3)

<b>Description</b>	E-A-R Ultrafit (Corded with case)
<b>Product Code</b>	340-4002
<b>Description</b>	E-A-R Ultrafit (Uncorded with case)
<b>Product Code</b>	340-4001
<b>Packaging</b>	200 pairs/case

<b>Description</b>	E-A-R Ultrafit (Corded)
<b>Product Code</b>	340-4004
<b>Packaging</b>	Polybag, 400 pairs/case



## E-A-R™ EZ-Ins™

The correct hygienic fitting is easy with the flexible fingertip stem of these pod earplugs.  $SLC_{80}$ : 20dB (Class 3)



<b>Description</b>	E-A-R EZ-Ins (Corded)
<b>Product Code</b>	350-4001
<b>Description</b>	E-A-R EZ-Ins (Uncorded)
<b>Product Code</b>	350-4000
<b>Packaging</b>	Polybag, 100 pairs/box, 4 boxes/case

## E-A-R™ Ultrafit™ Metal Detectable

Protection levels of the E-A-R Ultrafit coupled with metal detectability. Compatible with E-A-R Fit™ Validation System.  $SLC_{80}$ : 18dB (Class 3)

<b>Description</b>	E-A-R Ultrafit Metal Detectable (Corded)
<b>Product Code</b>	340-5007
<b>Packaging</b>	Polybag, 400 pairs/case

# E-A-R™ Earplugs



## E-A-R™ Banded Earplugs

E-A-R™ Banded Earplugs are easy to use, convenient and extremely comfortable. They are quick to put on and off and to store around the neck when not required, making them ideal for intermittent use. Banded earplugs offer simplicity to help ensure that your workers are receiving the right level of protection. Some models are available with replacement pods making them a more cost-effective option.

### Features and Benefits:

#### Comfortable and Convenient

- + Neckband shape helps eliminate contact with collars and headgear - reduces band sound transmission
- + Band slides forward and back for custom neck and ear positioning
- + Lightweight and durable plastic flexes/rebounds easily for frequent on-and-off wearing.

#### Versatile

- + Two tip choices for wearer preferences
- + FLEX 28 tip fits inside the ear canal
- + Comfort Pod fits inside the ear opening

#### Effective

- + SLC<sub>80</sub>: 20dB with FLEX 28 Tips (Class 3)
- + SLC<sub>80</sub>: 23dB with Comfort Pods (Class 4)

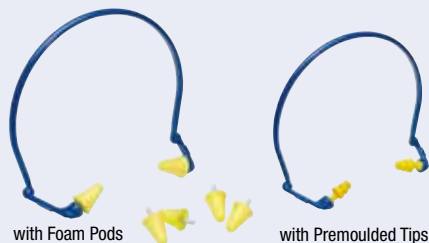


#### E-A-R™ Swerve™ Banded Earplugs

<b>Description</b>	Swerve Banded Earplugs with Comfort Pods & FLEX 28 Tips
<b>Product Code</b>	322-2000
<b>Packaging</b>	Polybag, 1 band/bag, 10 boxes/case
<b>Description</b>	Replacement Comfort Pods
<b>Product Code</b>	320-2001
<b>Packaging</b>	Polybag, 50 pairs/box, 10 boxes/case

#### E-A-Rflex™

The multi-position banded earplugs with conical tips. Also available in a Metal Detectable version. SLC<sub>80</sub>: 15dB (Class 2) with foam tips



#### E-A-R™ Caboflex™ 600

The banded earplugs with durable conical shaped insert. SLC<sub>80</sub>: 11dB (Class 1)

<b>Description</b>	Caboflex 600 Banded Earplugs
<b>Product Code</b>	320-2001
<b>Packaging</b>	Polybag, 200 pairs/box, 10 boxes/case

<b>Description</b>	EARflex Banded Earplugs (includes EARflex Pods)
<b>Product Code</b>	350-3001
<b>Packaging</b>	Polybag, 1 band/bag, 10 boxes/case
<b>Description</b>	E-A-Rflex Metal Detectable Banded Earplugs (with Premoulded Tips)
<b>Product Code</b>	350-3101
<b>Packaging</b>	Polybag, 1 band/bag, 10 boxes/case
<b>Description</b>	EARflex Replacement Pods
<b>Product Code</b>	350-3002
<b>Packaging</b>	Polybag, 50 pairs/box, 10 boxes/case





# E-A-R™ One-Touch™ Dispenser and Refills

The E-A-R One-Touch Dispenser is a convenient way of storing and providing earplugs in the workplace where they are needed. It is designed to hold a variety of E-A-R earplug options. Each refill bottle holds up to 500 pairs of earplugs. Unobstructed access from front or side permits one hand operation by a clockwise or anticlockwise motion.

## Features and Benefits:

- + Patented “No Waste Funnel” system ensures plugs drop directly into the palm, dispensing E-A-R disposable plugs every time.
- + Can be wall mounted or free standing
- + One gentle turn delivers earplugs correctly and consistently
- + Each refill bottle holds up to 500 pairs of earplugs
- + Base and dispensing unit are designed to be reused



## E-A-R™ One-Touch™ Dispenser

Product Code	391-1000
Packaging	1 dispensing unit



## E-A-R™ One-Touch™ Dispenser Refills



Description	E-A-Rsoft Yellow Neon, Regular Refills
Product Code	391-1004
Description	Classic Platinum Refills
Product Code	391-1007
Description	E-A-Rsoft Yellow Neon, Large Refills
Product Code	391-1008
Description	Classic Superfit 30
Product Code	391-1009
Description	E-A-Rsoft Superfit , Regular Refills
Product Code	391-1254

Packaging	500 pairs/refill, 4 refills/case
-----------	----------------------------------





## Peltor Earmuffs and Earmuffs with Communications

### The optimal solution

Peltor's line of earmuffs incorporates all the acoustic engineering, wearer-focused design, and performance versatility that have made Peltor the leading name in earmuff protectors for over 50 years.

In addition to our extensive range of passive earmuffs, Peltor is a world leader in the field of communication solutions for noisy environments. Our hearing protection with communication range includes earmuffs with level dependent function, some with FM and AM radio, and others with two-way communication capabilities and wireless solutions.

Easy to replace hygiene kits with two attenuating cushions and snap-in sealing rings are available for most Peltor earmuff models.

Peltor earmuffs have been tested to the Australian/New Zealand Standard AS/NZS 1270. See page 27 for attenuation data for all earmuffs listed in this catalogue

**Multi-position designs** are available for many models in headband, neckband, \*helmet-attachable and folding models to meet virtually every application need and wearer preference.



**Liquid & foam filled cushions** and broad, soft rings are the ultimate for a better seal (even with eyewear) and better comfort.



**Padded wide headband with four point steel suspension band** cushions head while suspension distributes consistent pressure throughout the life of the product. Stainless steel construction resists bending and warping.



**Earcup pivot points** allow wearers to tilt and adjust earcups for optimum comfort and efficiency.

#### \*Peltor Helmet Attachments Guide

Helmet Manufacturer	Helmet Model	Peltor Product Codes Includes
MSA	Super V-Gard II	P3E
MSA	V-Gard	P3E
Protector	Elite 300	P3E
Protector	Style 600	P3G
Protector	Tuffmaster II	P3E or P3G
Unisafe	Unilite	P3G



# Peltor™ H10 Series - Extreme Performance Earmuffs

The H10 Series 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 casing giving optimum high-frequency attenuation. An acoustic connection between the inner and outer casings 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 H10 Series stands for effective protection and highest comfort for the wearer. This product is also available in neon yellow for workers who need hearing protection to be extra visible – on road construction sites, airports or other high-risk workplaces.

## Features and Benefits:

### Comfortable

- + Generous inside depth helps the ears to rest comfortably
- + Broad sealing rings
- + Sealing rings filled with soft plastic foam for the best fit and low contact pressure

### Effective

- + Very high attenuation
- + Unique band design, stainless steel wire for constant pressure over long periods of use
- + Double casing that minimises resonance and provides maximum low-frequency attenuation

### Versatile

- + Various versions available to fit any situation : foldable, neckband, high visibility, helmet mounted versions



### H10 Series Headband

Description	H10 Series Headband
Product Code	H10A

SLC<sub>80</sub>: 33dB (Class 5)



### H10 Series Neckband

No headband for a complete compatibility with other head worn PPE equipment  
SLC<sub>80</sub>: 34dB (Class 5)

Description	H10 Series Neckband
Product Code	H10B



### H10 Series Hi-Viz Headband

For workers in need of extra visibility, for example road workers and ground handling staff at airports.  
SLC<sub>80</sub>: 33dB (Class 5)

Description	H10 Series Hi-Viz Headband
Product Code	H10A HV



### H10 Series Helmet Attachment

Various versions for different safety helmets. (See page 14)  
SLC<sub>80</sub>: 33dB (Class 5)

Product Code	H10P3E or H10P3G
--------------	------------------

### Hygiene Kit

Description	H10 Model Kit
Product Code	HY10



## Peltor™ H7 Series - Deluxe Earmuffs

The H7 Series has been developed for demanding noisy environments with increased low frequency attenuation. 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 H7 Series is a suitable choice for typical environments with substantial industrial noise or construction machinery,

airports and agricultural work. The product is also available in di-electric version without visible metal parts.

### Features and Benefits:

#### Comfortable

- + Generous inside depth helps the ears to rest comfortably
- + Soft and wide sealing rings filled with a unique combination of foam and liquid to offer optimum sealing and low pressure
- + Sealing rings with ventilation channels and covered with soft, patterned hygienic foil

#### Effective

- + High attenuation despite lightness and low profile
- + Unique band design, stainless steel wire for constant pressure over long periods of use

#### Versatile

- + Various versions available to fit any situation: headband, neckband, foldable, helmet mounted versions



#### H7 Series Headband

<b>Description</b>	H7 Series Headband
<b>Product Code</b>	H7A
<b>Description</b>	H7 Series Headband, Di-electric
<b>Product Code</b>	H7A-02

SLC<sub>90</sub>: 30dB (Class 5)



#### H7 Series Neckband

No headband for complete compatibility with other head worn PPE equipment.  
SLC<sub>90</sub>: 28dB (Class 5)

<b>Description</b>	H7 Series Neckband
<b>Product Code</b>	H7B
<b>Description</b>	H7 Series Neckband, Di-electric
<b>Product Code</b>	H7B-01



#### H7 Series Folding Headband

Easy-to-store solution  
SLC<sub>90</sub>: 31 dB (Class 5)

<b>Description</b>	H7 Series Folding Headband
<b>Product Code</b>	H7F
<b>Description</b>	HY Series Folding Headband Hi-Viz Model
<b>Product Code</b>	H7F-HV



#### H7 Series Helmet Attachment

Various versions for different safety helmets (See page 14)  
SLC<sub>90</sub>: 30dB (Class 5)

**Product Code** H7P3E or H7P3G

#### Hygiene Kit

<b>Description</b>	H7 Model Kit
<b>Product Code</b>	HY7



# Peltor™ H6 Series - Low Profile Earmuffs

The H6 Series is specially engineered for high comfort and continuous wear. They provide effective noise protection for daily exposures up to 105dB(A). The foam sealing rings provide a quality noise seal with low pressure for all day wearer comfort.

## Features and Benefits:

### Comfortable

- + Low profile and light (132g) to make it easy to team with other equipment.
- + Stainless steel headband wires with four point suspension help distribute cushion pressure evenly

### Effective

- + Good attenuation coupled with light weight low profile design
- + Earcups pivot for consistent fit

### Versatile

- + Various versions available to fit any situation: headband, neckband, foldable, helmet mounted versions



### H6 Series Headband

<b>Description</b>	H6 Series Headband
<b>Product Code</b>	H6A

SLC<sub>80</sub>: 22dB (Class 4)



**H6 Series Neckband**  
No headband for complete compatibility with other head worn PPE equipment.  
SLC<sub>80</sub>: 22dB (Class 4)

<b>Description</b>	H6 Series Neckband
<b>Product Code</b>	H6B



**H6 Series Folding Headband**  
Easy store solution.  
SLC<sub>80</sub>: 23dB (Class 4)

<b>Description</b>	H6 Series Folding Headband
<b>Product Code</b>	H6F



### H6 Series Helmet Attachment

Various versions for different safety helmets (See page 14)  
SLC<sub>80</sub>: 22dB (Class 4)

<b>Product Code</b>	H6P3E or H6P3G
---------------------	----------------

### Hygiene Kit

<b>Description</b>	H6 Model Kit
<b>Product Code</b>	HY5



## Peltor™ H9 Series - Select Performance Earmuffs

The H9 Series 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. H9 Series earmuffs are 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.

### Features and Benefits:

#### Comfortable

- + Extremely low profile and light (220g) to make it easy to team with other equipment
- + Generous inside depth to help the ears rest comfortably
- + Soft and wide sealing rings filled with a unique combination of foam and liquid to offer optimum sealing and low pressure

#### Effective

- + High attenuation despite lightness and low profile
- + Unique band design, stainless steel wire for constant pressure over long periods of use

#### Versatile

- + Various versions available to fit any situation: headband, neckband, helmet mounted versions



#### H9 Series Headband

<b>Description</b>	H9 Series Headband
<b>Product Code</b>	H9A

SLC<sub>80</sub>: 24dB (Class 4)



#### H9 Series Neckband

No headband for complete compatibility with other head worn PPE equipment  
SLC<sub>80</sub>: 24dB (Class 4)

<b>Description</b>	H9 Series Neckband
<b>Product Code</b>	H9B
<b>Description</b>	H9 Series Neckband, Di-electric
<b>Product Code</b>	H9B-01

#### Hygiene Kit

<b>Description</b>	H9 Model Kit
<b>Product Code</b>	HY5



#### H9 Series Helmet Attachment

Various versions for different safety helmets (See page 14)  
SLC<sub>80</sub>: 24dB (Class 4)

<b>Product Code</b>	H9P3E or H9P3G
---------------------	----------------





# Peltor™ Kid™ Earmuffs

Children's hearing is extremely sensitive and they have very little protection against harmful noise levels. Peltor Kid hearing protectors can attenuate harmful noise levels without completely shutting out other ambient sounds. These muffs are recommended for use by children up to age seven. Peltor Kid comes in two characteristic colours – neon pink and neon green – for high visibility and fun.

## Features and Benefits:

### Comfortable

- + Wide, comfortable sealing rings are filled with a unique combination of fluid and foam, which gives optimum sealing and low contact pressure, ensuring the best possible comfort even during long periods of use.



### Effective

- + Easy to wear, low profile muff
- + Attenuation: Tested to EN352-1, SNR 27dB (Certified to European Standard)

<b>Description</b>	Peltor Kid headband, Neon Pink
<b>Product Code</b>	H510AK-442-RE
<b>Description</b>	Peltor Kid headband, Neon Green
<b>Product Code</b>	H510AK-442-GB



# Peltor™ Earmuffs with Communications



## Peltor™ Lite-Com™ III Built-in Two-way Communication Earmuffs

The Lite-Com III system delivers high noise attenuation with added two-way communications capability. A radio built into the shell provides effective and effortless short-range two-way communication. The Lite Com III operates on 69 channels in 433MHz band ensuring targeted communication for groups. A built-in active-sound function lets you hear

ambient sound; warning signals, machine sounds, conversation, etc. Weak sounds can be amplified, so you hear them better than you would without hearing protectors. Sudden impulse noises at harmful levels are immediately attenuated.

### Features and Benefits:

#### Comfortable

- + Headband wires of stainless steel
- + Contoured cushions provide enhanced slip resistance and reliable seal

#### Convenient

- + LCD display to visualise advanced and standard settings
- + An electronic voice in the receiver tells you what settings you are adjusting, so you don't have to take off the headset to check

#### Effective

- +  $SLC_{90}$ : 25dB (Class 4)
- + Unused, Lite-Com III switches off automatically after two hours to save the batteries

#### Compatible with

- + Separate PTT button for the auxiliary input, where a mobile phone or external com radio can be connected



#### Peltor™ Lite-Com™ III Headband

Description	Lite-Com III Headband
Product Code	MT53H7A430B



Peltor™ Lite-Com™ III Neckband

Product Code	MT53H7B430B
--------------	-------------

#### Hygiene Kit

Product Code	HY79
--------------	------

#### Operating Time

Approximately 21 hours with AA batteries



Peltor™ Lite-Com™ III Helmet Attachment  
 $SLC_{90}$ : 20dB (Class 3)

Product Code	MT53H7P3E430B
--------------	---------------



# Peltor™ Tactical™ XP Headset

## Electronic Level Dependent Hearing Protector

With a new revolutionary digital circuit, Tactical XP allows the user to be extremely selective of what the wearer wants to hear. Tactical XP is equipped with the following functions: volume for the level dependent function, balance, adjustable release time, equaliser and volume for external input. With these new functions and features the

user is able to adjust the level dependent function to better suit a particular environment or situation. A ghost voice guides the user in the menu system. Tactical XP is available as a headset, wired or wireless (Bluetooth™)

### Features and Benefits:

#### Comfortable

- + Soft padded head band with wires of stainless steel
- + Contoured cushions provide enhanced slip resistance and a reliable seal
- + High Attenuating shells

#### Convenient

- + Available as headset
- + Ghost voice guidance
- + Equaliser and volume for external input

#### Effective

- +  $SLC_{80}$ : 28dB (Class 5)
- + Level dependent function

#### Compatible with

- + DECT and mobile phones
- + Communication radios
- + Configurations: headband & neckband with Bluetooth™



### Peltor™ Tactical™ XP Folding Headband

Description	Tactical XP Folding Headband
Product Code	MT1H7F2



**Peltor™ Tactical™ XP Neckband with Bluetooth™**  
No headband for complete compatibility with other head worn PPE.  
 $SLC_{80}$ : 28dB (Class 5)

Description	Tactical XP Neckband with Bluetooth
Product Code	MT1H7BWS3

### Hygiene Kit

Product Code	HY79
--------------	------

### Operating Time

Approximately 1000 hours with AA batteries

# Peltor™ Earmuffs with Communications



## Peltor™ Pro-Tac™ II Electronic Level Dependent Earmuff

With the Pro-Tac II, you are not shut off from the environment, which can be both dangerous and inconvenient. You always hear what is going on around you and can be confident that your hearing is protected. Level dependent function in the stereo lets you hear ambient sound: conversation, machine sounds and warning signals.

The control buttons are easily accessible and logically positioned, making it easy to adjust ambient noise.

### Features and Benefits:

#### Comfortable

- + Headband wires of stainless steel
- + Contoured cushions provide enhanced slip resistance and a reliable seal
- + High Attenuating shells
- + Plenty of space for the ear

#### Convenient

- + Easy accessible control buttons
- + Last setting is stored when switched off

#### Effective

- +  $SLC_{80}$ : 30dB (Class 5)
- + Automatic shut-off after two hours if no function is used
- + Warning signal when power is low, before shut-off

#### Compatible with

- + Other head worn PPE



### Peltor™ Pro-Tac™ II Headband

Description	Pro-Tac II Headband
Product Code	MT15H7A2-SV



### Peltor™ Pro-Tac™ II Neckband

No headband for complete compatibility with other head worn PPE equipment.  
 $SLC_{80}$ : 29dB (Class 5)

Description	Pro-Tac II Neckband
Product Code	MT15H7B2-SV

### Hygiene Kit

Product Code	HY79
--------------	------

### Operating Time

Approximately 1000 hours with AA batteries
--





# Peltor™ SportTac™

## Electronic Level Dependent Earmuffs

SportTac™ earmuffs are developed specifically for hunting and sports shooting. The smooth, level dependent function eliminates abrupt sound cut-off. They protect against harmful impulse noises while letting in, and even amplifying, ambient sounds. Interchangeable shells make it easy to change colour.

### Features and Benefits:

#### Comfortable

- + Lightweight, only 318g

#### Convenient

- + Collapsible for easy storage
- + Equipped with automatic shut-off function
- + Level dependent function that lets you hear ambient sound, conversation and warning signals



#### Effective

- + SLC<sub>80</sub>: 24dB (Class 4)

#### Versatile

- + Designed to be compatible with other PPE
- + Audio input jack for external radio

### Peltor™ SportTac™ Hunting Model Folding Headband

Description	SportTac Hunting Model Folding Headband
Product Code	MT16H210F-478-GN
Packaging	1 pair of orange and green shells included



### Peltor™ SportTac™ Shooting Model Folding Headband

This model shares the features and benefits of the Hunting Model, but offers different coloured replacement shells. SLC<sub>80</sub>: 24dB (Class 4)

Description	SportTac Shooting Model Folding Headband
Product Code	MT16H210F-478-RD
Packaging	1 pair of red and black shells included

### Operating Time

Approximately 600 hours with AAA batteries



# Peltor™ Earmuffs with Communications



## Peltor™ Push to Listen™ Earmuff

Peltor Push to Listen (PTL) is the only earmuff that lets workers listen safely without removing their muffs. Just push the button on the PTL muff and speech and sounds “outside” the muff cup can be heard “inside” – clearly and safely. After 30 seconds, the muff automatically returns to its protection. To listen again, just push again. It’s that simple. To listen with standard earmuffs, many workers lift their earcups or

remove their muff completely. This exposes them to the dangerous noise. The Push To Listen feature is in one earcup only. Other cup is standard protection style

### Features and Benefits:

#### Comfortable

- + Padded, wide headband with four-point steel suspension improves “hold” with less pressure
- + Patented liquid and foam filled cushions for optimum seal and comfort

#### Convenient

- + On/off listening button with fingertip control
- + Battery compartment designed for easy access

#### Versatile

- + Pivoting earcups tilt to easily fit most facial profiles

#### Effective

- +  $SLC_{80}$ : 27 db (Class 5)



### Peltor™ Push to Listen™ Earmuff

Description	PTL Headband
Product Code	H7A-PTL



#### PTL Hi-Viz Headband

The neon yellow Hi-Viz version is a perfect choice for road construction, airport and utility workers.  $SLC_{80}$ : 27 db (Class 5)

Description	PTL Hi-Viz Headband
Product Code	H7A HV-PTL

### Operating Time

Approximately 270 hours with AA batteries



# Peltor™ Workstyle Solutions

Peltor Workstyle Solutions earmuffs protect your hearing effectively and at the same time you can enjoy listening to the radio. All models feature a short, flexible antenna that provides excellent reception. This range includes a Bluetooth™ option.

## Features and Benefits:

### Comfortable

- + Headband wires of stainless steel
- + Contoured cushions provide enhanced slip resistance and a reliable seal
- + High Attenuating shells

### Convenient

- + Easily accessible control buttons for FM-radio
- + FM/AM switch to choose your radio reception

### Effective

- + SLC<sub>80</sub>: 30dB (Class 5)



## Peltor™ Worktunes II Headband

Description	Worktunes II Headband
Product Code	HRX52A-290-SV-GU

## Peltor™ Worktunes™ Plus



Level dependent earmuff with AM & FM radio provides comfortable, effective protection from harmful noise. Also, its level dependent function attenuates loud noises while amplifying weak ones. Has easy-to-handle volume control knobs for radio and level dependent function. Bluetooth™ version also available. SLC<sub>80</sub>: 28dB (Class 5)

Description	Worktunes Plus Headband
Product Code	M2RX7A-290
Description	WS Alert Bluetooth Headband
Product Code	M2RX7AWS4



## Peltor™ FM Radio Earmuff

Designed for people who work outdoors in forestry, landscaping, mowing lawns, hobbies, etc. Extra wide, soft padded headband distributes weight while two-point suspension exerts low pressure for comfortable, long-term use. SLC<sub>80</sub>: 30dB (Class 5)

Description	FM Radio Earmuff Headband
Product Code	HTRXS7A2

## Hygiene Kit

Description	H79 Model Kit
Product Code	HY79

## Operating Time

Approximately 100 hours with AA batteries

# E-A-R™

## Attenuation Data

### No Roll Down Earplugs

#### EAR Push-Ins™ with Grip Rings (Corded & Uncorded)

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	24.4	24.3	25.7	28.6	33.8	37.0	39.8
Standard Deviation dB	5.9	5.0	6.0	6.5	3.4	5.7	8.8

SLC<sub>80</sub>: 26dB Class 5

#### EAR Push-Ins™ (Corded)

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	25.4	24.0	24.7	25.9	34.2	36.0	37.0
Standard Deviation dB	9.1	8.2	8.4	7.4	4.8	4.7	5.7

SLC<sub>80</sub>: 23dB Class 4

#### EAR Express™ (Corded & Uncorded)

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	19.3	19.2	19.6	21.4	30.6	32.3	35.4
Standard Deviation dB	8.3	7.6	8.4	5.0	5.3	4.5	5.0

SLC<sub>80</sub>: 19dB Class 3

### Disposable Earplugs

#### EAR Taperfit™ 2 Uncorded

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	23.6	24.6	28.2	29.7	34.9	44.2	45.3
Standard Deviation dB	6.9	8.8	8.7	7.3	4.5	5.2	7.7

SLC<sub>80</sub>: 26dB Class 5

#### EAR Taperfit™ 2 Corded

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	26.2	26.2	28.2	27.9	35.5	46.6	46.9
Standard Deviation dB	5.9	6.1	6.8	6.2	3.4	5.5	3.5

SLC<sub>80</sub>: 26dB Class 5

#### EAR E-A-Rsoft™ FX (Corded & Uncorded)

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	28.5	27.3	28.3	28.5	36.0	45.2	46.7
Standard Deviation dB	6.5	5.3	6.7	6.8	4.8	6.5	6.4

SLC<sub>80</sub>: 26dB Class 5

#### EAR Classic™ Uncorded

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	19.8	20.6	27.8	27.4	31.0	38.7	41.2
Standard Deviation dB	9.2	8.6	7.3	8.7	6.3	6.1	9.2

SLC<sub>80</sub>: 23dB Class 4

#### EAR Classic™ (Corded)

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	19.0	19.0	25.1	23.9	30.7	37.0	39.3
Standard Deviation dB	6.7	5.1	7.9	7.5	6.9	5.5	9.0

SLC<sub>80</sub>: 21dB Class 3

#### EAR Classic™ Platinum

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	19.8	20.5	27.0	28.5	30.4	38.1	40.9
Standard Deviation dB	6.3	6.6	8.8	7.9	6.6	5.5	5.6

SLC<sub>80</sub>: 23dB Class 4

#### EAR Classic™ Superfit™30 (Uncorded)

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	21.7	22.9	25.2	25.2	31.9	40.6	39.4
Standard Deviation dB	7.8	7.3	7.8	6.5	4.8	5.5	8.9

SLC<sub>80</sub>: 23dB Class 4

#### EAR Classic™ Superfit™30 (Corded)

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	19.4	21.2	23.6	23.6	30.9	39.4	40.3
Standard Deviation dB	6.9	5.5	5.6	5.7	4.8	4.9	8.5

SLC<sub>80</sub>: 22dB Class 4

#### EAR E-A-Rsoft™ Superfit™ (Uncorded)

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	25.9	25.9	28.1	28.1	33.8	46.3	46.3
Standard Deviation dB	8.2	8.7	9.8	8.1	5.2	5.4	5.7

SLC<sub>80</sub>: 24dB Class 4

### Disposable Earplugs (continued)

#### EAR E-A-Rsoft™ Superfit™ (Corded)

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	27.3	27.0	28.8	28.0	33.2	46.2	46.6
Standard Deviation dB	8.7	9.5	9.5	8.9	5.8	4.0	4.4

SLC<sub>80</sub>: 24dB Class 4

#### EAR E-A-Rsoft™ Yellow Neons (Corded & Uncorded)

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	21.9	22.2	24.5	25.7	31.3	42.7	42.5
Standard Deviation dB	8.1	7.4	7.7	6.2	4.8	5.5	7.9

SLC<sub>80</sub>: 23dB Class 4

#### EAR E-A-Rsoft™ Metal Detectable

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	21.9	22.2	24.5	25.7	31.3	42.7	42.5
Standard Deviation dB	8.1	7.4	7.7	6.2	4.8	5.5	7.9

SLC<sub>80</sub>: 23dB Class 4

### Reusable Earplugs

#### EAR Ultrafit™27 (Corded & Uncorded)

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	23.3	22.6	24.2	28.0	33.6	35.0	41.5
Standard Deviation dB	7.4	7.5	8.0	8.3	8.2	10.4	9.4

SLC<sub>80</sub>: 22dB Class 4

#### EAR Ultrafit™ (Corded & Uncorded) & Metal Detectable

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	19.1	18.9	21.2	20.5	28.9	32.1	36.3
Standard Deviation dB	8.1	8.1	9.3	5.7	6.8	10.6	11.0

SLC<sub>80</sub>: 18dB Class 3

#### EAR EZ-Ins™ (Corded & Uncorded)

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	18.7	19.5	21.2	23.6	29.0	34.3	38.0
Standard Deviation dB	8.4	8.6	7.1	5.9	5.5	7.4	7.9

SLC<sub>80</sub>: 20dB Class 3

### Banded Earplugs

#### EAR Swerve™ with FLEX™ 28 Tips

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	24.7	24.6	21.7	23.5	31.8	36.0	36.2
Standard Deviation dB	10.0	10.1	7.0	7.5	6.7	7.2	8.9

SLC<sub>80</sub>: 20dB Class 3

#### EAR Swerve™ with Comfort Pods

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	25.6	23.5	21.4	23.7	33.5	37.4	39.7
Standard Deviation dB	8.2	8.3	5.9	4.3	4.6	7.0	6.9

SLC<sub>80</sub>: 23dB Class 4

#### EAR E-A-Rflex™ Foam Tips

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	14.7	12.8	17.0	19.4	27.2	33.1	32.6
Standard Deviation dB	11.5	8.7	7.5	7.9	8.3	6.7	13.1

SLC<sub>80</sub>: 15dB Class 2

#### EAR E-A-Rflex™ Metal Detectable

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	19.0	15.2	19.5	19.3	23.3	25.2	32.6
Standard Deviation dB	9.6	6.2	7.4	7.4	8.5	8.9	8.6

SLC<sub>80</sub>: 15dB Class 2

#### EAR Caboflex™ 600

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	9.6	11.2	13.3	17.2	23.1	29.3	29.1
Standard Deviation dB	9.2	10.1	9.2	7.8	7.3	6.9	11.1

SLC<sub>80</sub>: 11dB Class 1

# Earmuff Attenuation Data

## **PELTOR** H10A Headband & Hi Viz Headband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	17.9	23.4	35.1	40.6	35.1	41.8	40.4
Standard Deviation dB	3.2	2.6	2.6	4.5	3.5	3.4	3.7

SLC<sub>90</sub>: 33dB Class 5

## **PELTOR** H10B Neckband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	17.0	24.0	35.2	40.1	36.4	41.1	38.6
Standard Deviation dB	2.7	3.4	3.3	3.2	2.9	2.9	3.7

SLC<sub>90</sub>: 34dB Class 5

## **PELTOR** H10P3E & H10P3G Helmet Attachment

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	17.6	23.5	35.0	40.5	35.0	41.7	41.3
Standard Deviation dB	2.9	3.1	3.9	3.3	2.2	3.1	3.2

SLC<sub>90</sub>: 33dB Class 5

## **PELTOR** H7A Headband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	12.6	20.1	32.1	35.8	36.3	39.1	39.8
Standard Deviation dB	2.8	4.1	4.2	4.1	4.7	2.5	4.0

SLC<sub>90</sub>: 30dB Class 5

## **PELTOR** H7B Neckband & Di-electric Neckband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	10.5	18.9	30.0	34.6	35.7	38.7	39.8
Standard Deviation dB	3.4	3.9	5.3	4.5	6.3	4.4	4.2

SLC<sub>90</sub>: 28dB Class 5

## **PELTOR** H7F Folding Headband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	13.4	20.7	31.9	35.9	37.3	39.0	38.9
Standard Deviation dB	2.7	3.3	3.5	2.5	5.1	2.8	4.5

SLC<sub>90</sub>: 31dB Class 5

## **PELTOR** H7P3E & H7P3G Helmet Attachment

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	17.9	23.4	35.1	40.6	35.1	41.8	40.4
Standard Deviation dB	3.2	2.6	2.6	4.5	3.5	3.4	3.7

SLC<sub>90</sub>: 33dB Class 5

## **PELTOR** H6A Headband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	9.6	9.8	21.1	31.0	27.2	31.6	29.7
Standard Deviation dB	4.2	3.3	3.6	3.1	4.1	2.9	3.8

SLC<sub>90</sub>: 22dB Class 4

## **PELTOR** H6B Neckband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	10.1	10.9	20.7	30.5	29.6	32.2	30.0
Standard Deviation dB	4.0	4.2	4.1	3.6	4.5	3.5	5.0

SLC<sub>90</sub>: 22dB Class 4

## **PELTOR** H6F Folding Headband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	10.0	10.4	22.4	31.8	31.9	31.3	32.0
Standard Deviation dB	3.5	3.6	3.1	3.9	5.2	3.8	3.3

SLC<sub>90</sub>: 23dB Class 4

## **PELTOR** H6P3E & H6P3G Helmet Attachment

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	9.6	10.7	20.2	29.9	32.3	33.1	30.4
Standard Deviation dB	3.4	3.7	4.1	2.6	5.4	3.2	2.9

SLC<sub>90</sub>: 22dB Class 4

## **PELTOR** H9A Headband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	8.2	12.8	25.3	33.6	28.9	30.1	32.3
Standard Deviation dB	3.8	3.9	4.1	3.7	3.5	3.1	5.4

SLC<sub>90</sub>: 24dB Class 4

## **PELTOR** H9B Neckband & Di-electric Neckband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	9.6	13.2	23.3	33.3	32.1	31.9	31.8
Standard Deviation dB	3.8	3.4	5.3	5.3	5.3	3.0	3.8

SLC<sub>90</sub>: 24dB Class 4

## **PELTOR** H9F Folding Headband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	11.5	13.8	24.6	34.8	32.1	31.3	30.6
Standard Deviation dB	2.9	3.3	2.9	3.4	5.5	4.0	4.0

SLC<sub>90</sub>: 25dB Class 4

## **PELTOR** H9P3E & H9P3G Helmet Attachment

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	9.9	13.2	23.5	31.3	33.8	31.3	29.6
Standard Deviation dB	2.9	4.2	3.5	3.5	3.5	3.4	4.2

SLC<sub>90</sub>: 24dB Class 4

## **PELTOR** Kid's Series- both models

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	11.6	18.7	27.5	32.9	33.6	36.1	35.8
Standard Deviation dB	4.2	3.6	2.5	2.7	3.4	3.0	3.8

SNR 27dB (Certified to European Standard EN352)

## **PELTOR** Lite-Com III Headband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	13.4	18.6	24.8	30.6	29.5	36.7	37.9
Standard Deviation dB	3.9	3.7	6.2	4.0	5.9	5.1	5.1

SLC<sub>90</sub>: 25dB Class 4

## **PELTOR** Lite-Com III Helmet Attachment

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	8.5	14.2	19.9	26.1	25.9	32.2	29.3
Standard Deviation dB	4.9	5.3	6.5	3.3	5.7	5.7	7.9

SLC<sub>90</sub>: 20dB Class 3

## **PELTOR** Tactical XP – Headband & Folding Headband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	13.6	18.2	29.4	32.0	35.3	35.8	37.9
Standard Deviation dB	5.4	4.5	4.2	3.3	2.9	3.1	5.6

SLC<sub>90</sub>: 28dB Class 5

## **PELTOR** Pro Tac II Headband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	16.2	21.7	29.7	34.0	35.3	34.8	37.5
Standard Deviation dB	4.9	4.9	4.3	2.4	2.9	3.0	3.0

SLC<sub>90</sub>: 30dB Class 5

## **PELTOR** Pro Tac II Neckband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	15.9	21.2	28.5	32.9	35.4	33.2	35.5
Standard Deviation dB	3.8	3.5	4.9	4.8	2.9	2.0	3.3

SLC<sub>90</sub>: 29dB Class 5

## **PELTOR** SportTac Shooting & Hunting Folding Headband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	10.5	15.0	23.9	25.3	30.9	38.7	40.2
Standard Deviation dB	3.0	4.3	3.9	4.1	4.2	3.2	6.4

SLC<sub>90</sub>: 24dB Class 4

## **PELTOR** H7 Push to Listen Headband & Hi-Viz Headband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	15.1	22.4	30.9	36.8	35.8	34.8	35.2
Standard Deviation dB	4.3	2.9	4.5	4.3	3.8	3.6	3.8

SLC<sub>90</sub>: 30dB Class 5

## **PELTOR** Worktunes II & FM Radio Headband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	13.3	22.1	31.6	39.4	35.3	44.3	38.2
Standard Deviation dB	2.4	4.5	6.5	5.7	4.5	4.4	7.0

SLC<sub>90</sub>: 30dB Class 5

## **PELTOR** Worktunes Plus Headband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attention dB	14.8	21.9	29.2	33.2	31.2	37.8	37.5
Standard Deviation dB	3.5	4.4	4.7	3.3	4.0	5.9	5.3

SLC<sub>90</sub>: 28dB Class 5



## Hearing Protection Use and Care

### Disposable 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.



### Reusable Pre Moulded Earplugs

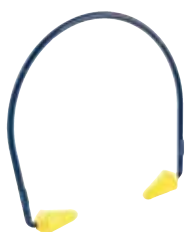


Reach around the back of your head and pull outward on the ear while inserting the plug until you feel it sealing. This may seem tight at first, especially if you have never worn earplugs.

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



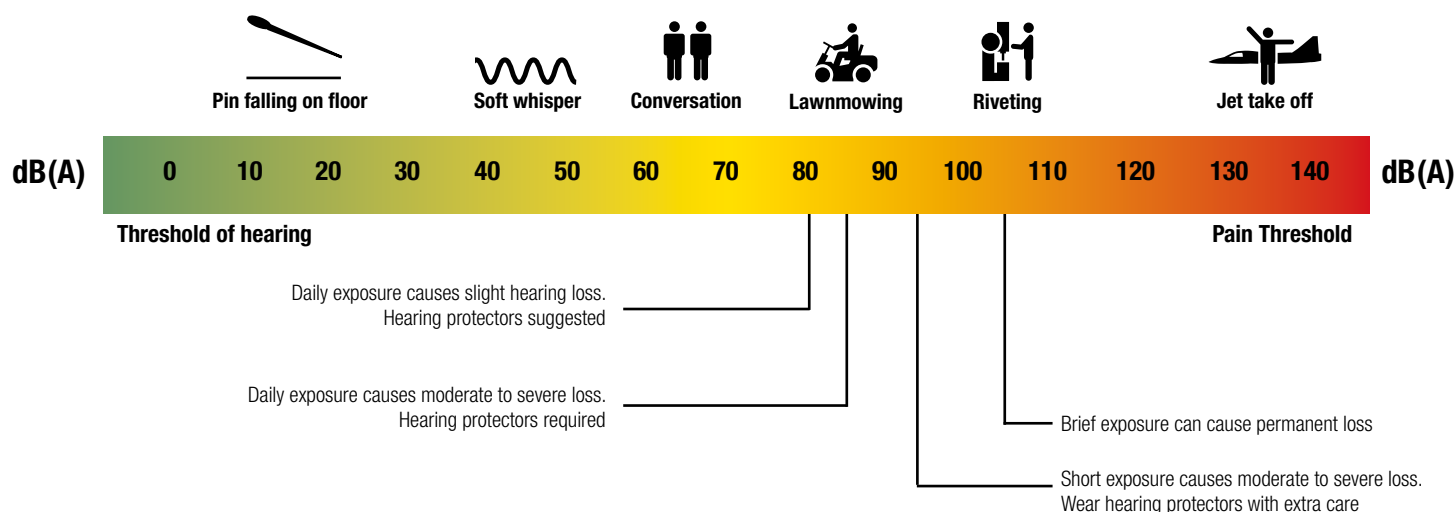
Earmuffs must fully enclose the ears to seal against the head. Adjust the headband so cushions exert even pressure around the ears to get the best noise reduction. Pull hair back and out from beneath the cushions. Do not wear caps, store pencils behind the ear or anything that may break the seal.

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.





# Easy To Damage - Easy To Protect



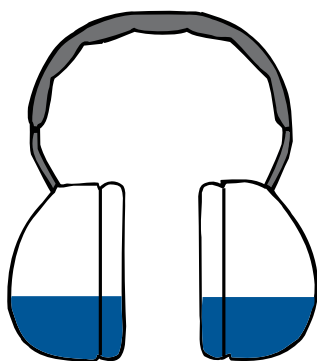
## 100% Usage

Damage to hearing depends not only on the actual noise level but also exposure time. Just five minute's carelessness during an eight-hour day can potentially lead to lifelong hearing loss.

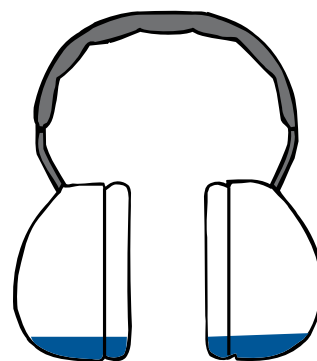
That's why 100% usage is critical in noisy environments if you are to get the protection that the chosen hearing protector provides. Choose a comfortable hearing protector that suits you and your needs.



100% usage.  
Gives the expected protection.



99% usage.  
Just five minute's carelessness per day significantly reduces the effect of the hearing protector.

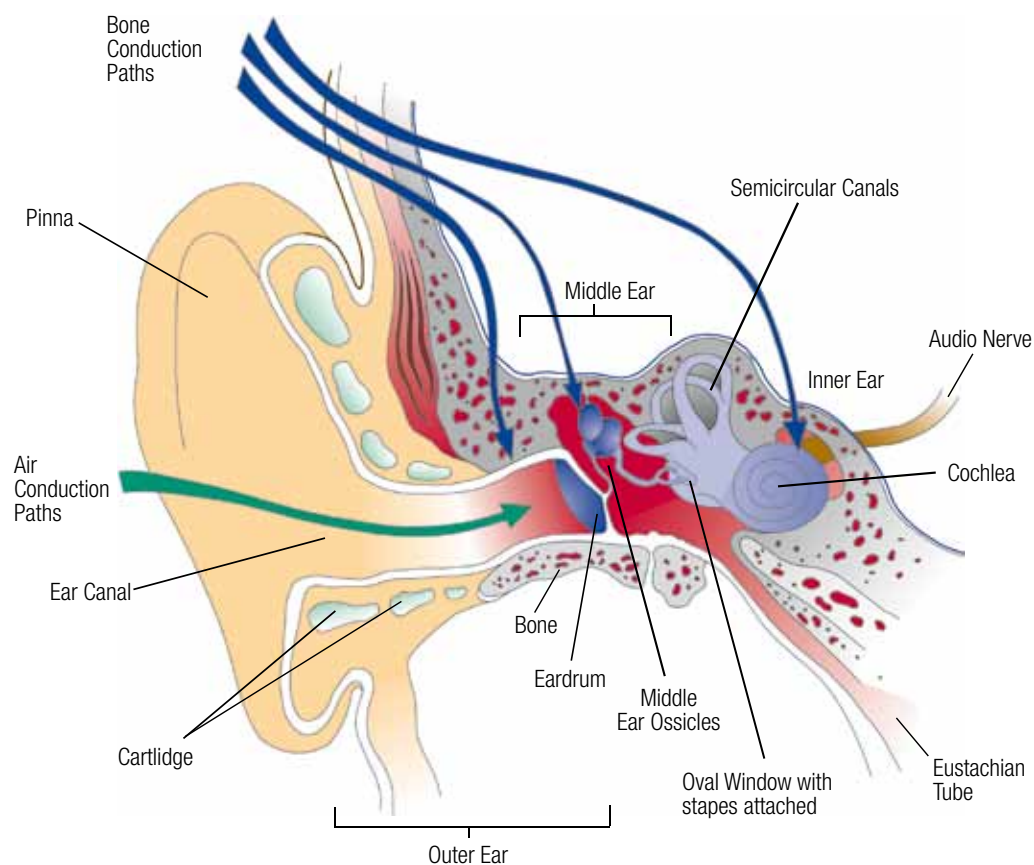


90% usage.  
Virtually no protection.

**100% usage - the only secure protection from hearing loss**

# Technical Information

## Cross Section Of Ear



## Injuries Are Lifelong

The human ear is designed to pick up natural sounds. Many workplace processes and applications can generate noise levels that are potentially harmful to hearing. When the tiny sensory hair cells are repeatedly exposed to excessive doses of noise, they break. The surviving sensory hair cells can only process a fraction of the usual information transfer, thus leading to permanent hearing damage.



Normal ear showing an electron micrograph of tiny sensory hair cells that are responsible for processing sound vibration into meaningful information.



Damaged ear showing an electron micrograph of tiny sensory hair cells broken as a result of repeated exposure to loud noise resulting in permanent hearing loss.



## Training and Support

3M's team of Certified Occupational Hygienists and Technical Specialists offer support and training to meet the needs of our customers.

They can provide customers:

- Initial and ongoing technical support
- Advice and training for your company, including hazard audits for your workplace
- Can organise for fit testing for respiratory and hearing protection

No matter how effective a piece of PPE is, it will offer little or no protection if it is not fitted and worn correctly. Proper inspection, cleaning and storage is vital for safety equipment that protects a worker's health and well being.

That is why 3M offers training programs that explain the correct way to fit, inspect clean and store the PPE designed and manufactured by our company.

Our Specialist Field Representatives are trained and awarded a Certificate 4 in Assessment and Workplace Training. They can provide quality onsite training and ongoing support.

## 3M TechAssist

3M TechAssist is the ideal point of contact for your questions, especially when you require a prompt answer. Supported by trained staff, Tech Assist is an immediate link to the worldwide resources of 3M.

Customers can contact TechAssist to answer questions you have on product information, technical advice, guidance with product selection, Australian Standards and other important information you need to know on a day-to-day basis.

You can contact 3M's TechAssist service by ringing the free TechAssist Helpline on 1800 024 464 or by email at [techassist@mmm.com](mailto:techassist@mmm.com).

## Nationwide Distributor Network

3M distributes our wide range of workplace safety products through a distributor network which includes over (300) stores and branches throughout Australia.

To find a 3M safety distributor near you, visit our website [www.3m.com/au/ohs](http://www.3m.com/au/ohs) or ring 3M customer service on 1300 363 565.

For more information about 3M Safety products or solutions please contact your 3M representative or:

3M TechAssist Helpline (Mon-Fri 8.30am-4.30pm)	1800 024 464 or email <a href="mailto:techassist@mmm.com">techassist@mmm.com</a>
3M Australia Customer Service	1300 363 565
Website	<a href="http://www.3m.com/au/ohs">www.3m.com/au/ohs</a>



**Occupational Health  
and Environmental  
Safety Division**

3M Australia Pty Limited  
ABN 90 000 100 096  
950 Pacific Highway  
Pymble NSW 2073

© 3M 2009. All rights reserved.  
Please recycle. Printed in Australia.

E-A-R and Peltor are trademarks of 3M