

# 3M™ Hearing Conservation Products



## Hearing Loss Impacts Health and Productivity

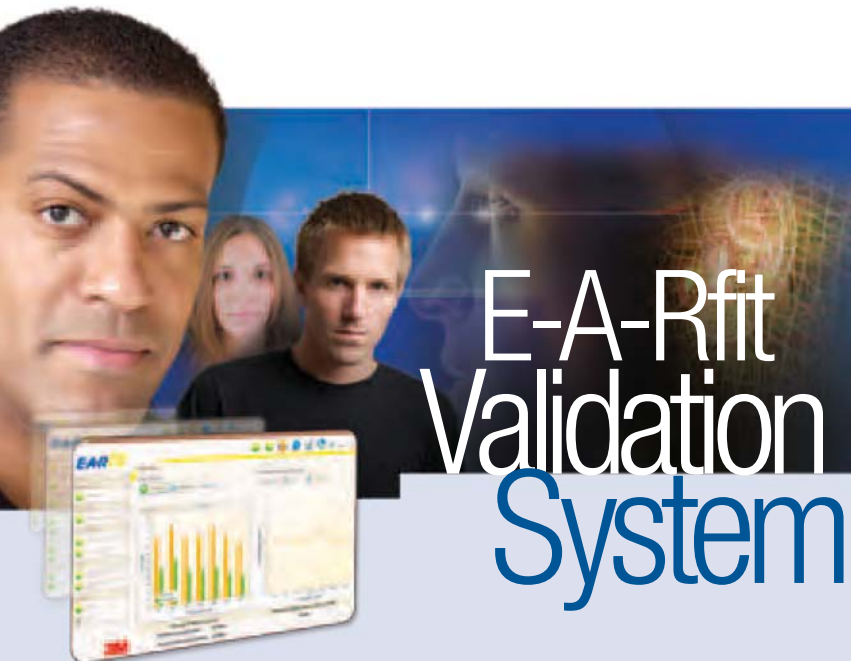
### 3M Brings You Education and Hearing Protection Products to Increase Compliance

Hearing loss is the most commonly recorded occupational illness in manufacturing, accounting for one out of every nine recordable illnesses. Since 2004, the Bureau of Labor Statistics (BLS) has reported that nearly 125,000 workers have suffered significant, permanent hearing loss. In 2009 alone, BLS reported more than 21,000 hearing loss cases. ([osha.gov/SLTC/noisehearingconservation/index.html](http://osha.gov/SLTC/noisehearingconservation/index.html))

This is a problem for both employers and their workers since many injuries require time away from work, impacting both employee health and productivity.

With ongoing employee education, properly fitted hearing protection and compliance with hearing protection regulations, the number of workers suffering hearing loss could be significantly reduced.

3M has been providing Hearing Protection Products for over 40 years that help reduce noise exposure by providing lightweight, comfortable and easy-to-use protection. When choosing hearing protection products, choose 3M, a respected and trusted leader in the safety products industry.



Help protect workers from occupational hearing loss and feel confident that the level of hearing protection is appropriate to their work environment with the 3M™ E-A-Rfit™ Validation System. This system assists employers to optimize earplug selection, fitting and training. In less than 10 seconds per ear, the system generates a personal attenuation rating (PAR) that indicates a worker's noise reduction levels for a given fitting and hearing

protector. Compare ratings across hearing protectors and fittings to determine the proper fit.

This in-the-ear testing procedure differs from many other systems by providing quantitative data that does not rely on subject response. Fit, train, and motivate every worker using their Personal Attenuation Rating (PAR). It's fast, objective and quantitative. Learn more at [E-A-Rfit.com](http://E-A-Rfit.com).

See [3M.com/PPESafety](http://3M.com/PPESafety) for more product selection.



## Foam Earplugs

### 3M™ E-A-R™ Classic™ Foam Earplugs†

Uncorded, Pillow Pack (NRR 29 dB)

UPC: 10080529100006

Product #: 310-1001

3M™ E-A-R™ Classic™ uncorded earplugs set the standard in hearing protection as the world's first foam earplugs. Constructed from slow-recovery foam, the disposable earplug is an economical, reliable choice in hearing protection.

#### Features and Benefits

- Conforms to the shape of the ear canal to help create a comfortable, snug noise barrier
- Slow-recovery earplug foam is flame-resistant and moisture-resistant
- Test compatible with 3M™ E-A-Rfit™ Validation System



#### Other 3M™ Foam Earplugs



##### E-A-R™ Classic™ SuperFit™ 33†

UPC: 10080529100617

Product #: 310-1008

#### Features and Benefits

- Orange ring provides a quick visual compliance check
- Uncorded, Pillow Pack (NRR 33 dB)



##### E-A-Rsoft™ Yellow Neons™ †

UPC: 10080529120639

Product #: 312-1250

#### Features and Benefits

- Excellent noise reduction and comfort
- Easy to roll down and insert
- Uncorded, Poly Bag (NRR 33 dB)



##### E-A-Rsoft™ SuperFit™ †

UPC: 10080529120837

Product #: 312-1256

#### Features and Benefits

- Slow recovery foam provides a comfortable, secure fit
- Uncorded, Poly Bag (NRR 33 dB)



##### E-A-Rsoft™ FX™ †

UPC: 10080529120868

Product #: 312-1261

#### Features and Benefits

- Bell shape allows easy insertion and removal
- Uncorded, Poly Bag (NRR 33 dB)



##### Nitro™

UPC: 10093045980120

Product #: P1000

#### Features and Benefits

- Tapered foam design for all day wear with great protection
- Corded (NRR 32 dB)



##### 1100

UPC: 50051138290080

Product #: 1100

#### Features and Benefits

- Soft hypo allergenic foam, tapered design
- Uncorded, Poly Bag (NRR 29 dB)

†Test compatible with 3M™ E-A-Rfit™ Validation System

# 3M™ Hearing Conservation Products



## Push-to-Fit Earplugs

### 3M™ E-A-R™ Express™ Pod Plugs™ †

Corded, Pillow Pack, Assorted Grips

UPC: 10080529110111

Product #: 311-1115



#### Reduce noise with comfort and style

Advanced "no-roll" corded foam earplugs with paddle-style grips make getting a good fit easier than ever. Unique foam formula allows earplug insertion without rolling to keep fingers, plugs and ears clean. Slow recovery foam inserts easily, then seats and stays in place for comfortable hearing protection.

#### Features and Benefits

- Comfort and protection in hygienic, no roll-down designs
- Paddle-style grips provide quick, clean, and consistent earplug fitting

## Reusable Earplugs

### 3M™ E-A-R™ UltraFit™ †

Corded, Poly Bag (NRR 25 dB)

UPC: 10080529400038

Product #: 340-4004



#### Features and Benefits

These durable, reusable corded earplugs are easy to use again and again, reducing waste

- Proprietary, premolded, triple-flange earplug design inserts easily and fits comfortably in most ears
- No rolling or sizing needed to get a comfortable, protective fit
- Available with pocket-size plastic storage case

†Test compatible with 3M™ E-A-Rfit™ Validation System

#### Other 3M™ Push-to-Fit Earplugs



#### Pistonz™

UPC: 10093045934024

Product #: P1401

#### Features and Benefits

- Corded (NRR 29 dB)



#### Skull Screws™

UPC: 10093045929525

Product #: P1301

#### Features and Benefits

- Corded (NRR 30 dB)



#### E-A-R™ Push-Ins™ †

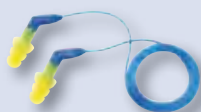
UPC: 10080529180039

Product #: 318-1003

#### Features and Benefits

- Corded
- Metal Detectable Version Available (NRR 28 dB)

#### Other 3M™ Reusable Earplugs



#### E-A-R™ UltraFit™ 27

UPC: 10080529400557

Product #: 340-8002

#### Features and Benefits

- Corded (NRR 27 dB)



#### Tri-Flange™

UPC: 10093045980175

Product #: P3001

#### Features and Benefits

- Cloth Cord (NRR 26 dB)

#### E-A-R™ ARC Plug™

UPC: 10080529700121

Product #: 370-2000

#### Features and Benefits

- Uncorded, Carrying Case (Red end – NRR 22 dB, Yellow end – level dependant)
- Hear-Through™ design allow workers to hear conversations, signals, or other critical sounds clearly, while helping protect against impulse noise from an arc flash



Insert yellow end for Hear-Through™ and instant protection

Washable and reusable

Red end for protection against constant hazardous noise

See [3M.com/PPESafety](http://3M.com/PPESafety) for more product selection.



## Earmuffs

Match the Optime™ Earmuff product or model number to the worker's TWA noise exposure

PROTECTS UP TO <b>95</b> DECIBELS	PROTECTS UP TO <b>98</b> DECIBELS
PROTECTS UP TO <b>101</b> DECIBELS	PROTECTS UP TO <b>105</b> DECIBELS

Example: If a worker's noise exposure is 98 dBA or less, recommend Optime 98

### 3M™ Peltor™ Optime™ 105

UPC: 10093045081018

Product #: H10A

#### Features and Benefits

Features double-shell technology for effective hearing protection in demanding noise environments

- For noise levels up to 105 dBA
- Liquid/foam filled earmuff cushions
- Highest NRR available in over-the-head style earmuffs (NRR 30 dB)



### Other 3M™ Earmuffs



#### Peltor™ Optime™ 95

UPC: 10093045080639

Product #: H6F/V

#### Features and Benefits

- Over-the-Head, Folding (NRR 21 dB)



#### Peltor™ Optime™ 98

UPC: 10093045080912

Product #: H9A

#### Features and Benefits

- Over-the-Head (NRR 25 dB)



#### Peltor™ Optime™ 101

UPC: 10093045080738

Product #: H7P3E

#### Features and Benefits

- Helmet Attached (NRR 24 dB)

### Dispensers



#### E-A-R™ One Touch™ Dispenser and Refill Bottles

UPC: 10080529910001

Product #: 391-1000

#### Features and Benefits

- Dispenser Unit with Stand

#### Classic™ Refill Bottle (NRR 29 dB)

UPC: 10080529910018

Product #: 391-1001

#### Classic™ SuperFit™ 30 Refill Bottle (NRR 30 dB)

UPC: 10080529910025

Product #: 391-1002

#### Yellow Neons™ Refill Bottle (NRR 33 dB)

UPC: 10080529910049

Product #: 391-1004

#### Large Yellow Neons™ Refill Bottle (NRR 33 dB)

UPC: 10080529910056

Product #: 391-1005

#### Yellow Neon Blasts™ Refill Bottle (NRR 33 dB)

UPC: 10080529910124

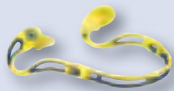
Product #: 391-1010

#### E-A-Rsoft™ SuperFit™ Refill Bottle (NRR 33 dB)

UPC: 10080529910100

Product #: 391-1254

### Banded Hearing Protectors



#### E-A-R™ Swerve™

UPC: 10080529220049

Product #: 322-2000

#### Features and Benefits

- Flex 28 Tips (NRR 28 dB), Comfort Pods (NRR 19 dB), Cord Included

# 3M™ Hearing Conservation Products



## Two-Way Radio Headsets and Accessories

### 3M™ Peltor™ BRS – UHF Two-Way Headset Radio

PowerCom Headband Model (NRR 25 dB)

UPC: 07318640048096

Product #: MT53H7A4604

#### Communication simplicity, all-in-one productivity

Improve employee safety and productivity in noisy environments with the PowerCom BRS two-way headset radio featuring an all-in-one design that simplifies communications between workgroup members. It's an efficient alternative to conventional portable radios.

#### Features and Benefits

- Convenient, cable-free operation
- Eight pre-programmed FCC compliant channels
- Push-To-Talk (PTT) or hands-free Voice-Activated (VOX) transmit functions
- Designed for use in construction, manufacturing, equipment maintenance, crane operation and many other noisy environments



#### Other 3M™ Peltor™ High Noise Communication System Products

##### PowerCom BRS Neckband Model (NRR 25 dB)

UPC: 07318640048102

Product #: MT53H7B4604



##### PowerCom BRS Hard Hat Mount Model (NRR 24 dB)

UPC: 07318640048119

Product #: MT53H7P3E4604



##### Rechargeable Battery Pack

UPC: 10093045880093

Product #: 88009-00000



#### Features and Benefits

- Wall transformer, battery pack

### Request a No-Obligation 3M™ Peltor™ High Noise Communication Solution Trial

Learn how communication can be safer, easier and more productive in your work environment. With the Try, Then Buy program, you can evaluate a high noise communication solution before you make a purchase. Register online at [3M.com/Try-ThenBuy](http://3M.com/Try-ThenBuy) or call 800-665-2942 ext. 3 to learn more.

See [3M.com/PPESafety](http://3M.com/PPESafety) for more product selection.



## 3M™ Peltor™ MT Series™ Two-Way Headsets

**An ideal choice for clear, crisp two-way communication in high-noise areas.**

Designed for industrial users working in high noise environments, 3M™ Peltor™ communication headsets offer versatility along with hearing protection, durability and comfort.

- Soft foam earcushions
- Noise canceling boom microphone
- Deep earcup design for all day comfort
- In-line radio Push-To-Talk (PTT) adaptor sold separately\*

### MT7H79A

UPC: 10093045936844  
(NRR 25 dB)



### MT7H79B

UPC: 10093045936837

#### Features and Benefits

- Same as MT7H9A except with neckband configuration (NRR 24 dB)



### MT7H79P3E

UPC: 10093045936813

#### Features and Benefits

- Same as MT7H79A except with Guide Arms for Hard Hat Mounting

### Adaptable to communication radios



MT Series Two-Way Headset + FL5000 Series PTT adapter\* + Comms Radio

## 3M™ Peltor™ ORA TAC In-Ear Tactical Communications Headset

**Hearing protection with ambient listening is now more comfortable**

This system offers a combination of lightweight hearing protection, ambient (tactical) listening, and the ability to communicate via two-way radios in high noise areas, without the need for a boom microphone.

#### Features and Benefits

- Omni-directional reception
- No earcups reduce weight and heat
- Fits with most respirators, eyewear, face masks, helmets and hard hats
- Quick radio connect/disconnect\*
- Moisture-resistant, Push-To-Talk (PTT)
- Automatic protection against impact noise

### ORA-BASE

UPC: 10093045935427



\*Contact Technical Customer Service at 800-665-2942 for compatibility information.

# 3M™ Hearing Detection Products



## Environmental and Occupational Assessment

### 3M™ The Edge Cable Free Noise Dosimeters

UPC: 00051131485297

Product #: eg5

The Edge eg5 personal noise dosimeter series offers advanced technology packaged in an intrinsically safe, cable-free, compact frame for a lighter, more ergonomic way to monitor noise levels.

#### Features and Benefits

- Thin, contoured mount hugs the shoulder; compact frame helps to make The Edge comfortable to wear
- Intrinsic safety certifications
- Rechargeable lithium polymer battery
- Kit includes eg5 model and standard accessories
- With DMS software, users can activate a third independent dosimeter



### 3M™ Sound Examiner SE-400 Sound Level Meter

UPC: 00051131498594

Product #: SE-402

The Sound Examiner SE-400 series of sound meters are engineered to accurately measure noise levels in highly variable environments. These advanced instruments compute the average sound pressure level (LEQ/LAVG) over the run time and feature user-selectable data logging intervals, helping you to more accurately assess occupational and environmental noise levels.

#### Features and Benefits

- Complies with IEC and ANSI standards
- All models ship ready-to-use, no setup necessary
- Use 3M™ Detection Management Software DMS for the analysis, management and measurement of data



### Other 3M™ Hearing Detection Products

#### 3M™ Noise Indicator NI-100

UPC: 00051131174535

Product #: NI-100

#### Features and Benefits

- Alerts users to potentially dangerous noise levels
- LED light provides real-time noise detection, signaling when noise levels are above 85db
- Small size and lightweight, durable design



#### 3M™ Sound Detector SD-200

UPC: 00051131496323

Product #: SD-200

#### Features and Benefits

- LED indicators that flash green, yellow and/or red when preset thresholds have been reached
- User friendly interface, easy to operate
- Includes Sound Detector Kit, USB Cable and Windscreen
- Rechargeable, lithium battery



#### 3M™ Sound Pro™ Sound Level Meter

UPC: 00051131485747

Product #: SP-DL-2-1/1

#### Features and Benefits

- Easily document and analyze noise exposures
- Two virtual sound level meters to take full or third octave band real-time measurements while simultaneously measuring broadband sound
- Kit includes Class/Type 2 unit with 1/1 Octave RTA, QC-10 calibrator and standard accessories

