



Science.  
Applied to Life.™



Personal Safety Division

# Hearing Solutions Catalog

[3M.com/Hearing](https://www.3m.com/Hearing)

**E·A·R**

**PELTOR**

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**When it comes to hearing conservation programs, there is no one-size-fits-all.**

Understanding the hearing protection challenge requires accurate sound detection. Delivering the right solution demands the right protection for the job. Verifying solutions calls for a validation system.

We deliver a complete set of tools needed to detect, protect and validate. It's 3M™ hearing protection solutions made innovatively easy.

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# The challenge of hearing protection.



Millions of workers are exposed to hearing hazards every year, and even though OSHA regulations and NIOSH recommendations in the U.S. require protection, occupational hearing loss is still the number one reported worker illness in manufacturing.

You can advance your hearing conservation program with a customized and comprehensive approach to the hearing protection challenge. Implementing a solution that really makes a difference begins with an understanding of the hazards, the regulations, and the factors that impact protection.

## The Facts

**37 Million Americans Experience Hearing Loss:** According to the National Institutes of Health, 37.5 million (15%) Americans age 18 and older report some degree of hearing loss, and it is estimated that 26 million Americans between the ages of 20 and 69 have a hearing loss due to noise exposure.

**The #1 Reported Manufacturing Health Issue:** The Bureau of Labor Statistics (BLS) has reported that for people working in the Manufacturing Sector, occupational hearing loss is the most commonly recorded occupational health issue. Since 2004, nearly 258,500 workers have suffered significant, permanent hearing loss.

## The Hazards

**Workplace Noise:** The National Institute for Occupational Safety and Health (NIOSH) estimates that almost 22 million American workers each year are exposed to occupational noises that pose a hazard to their hearing.

## The Regulations

**OSHA Limits:** OSHA's permissible exposure limit is 90 decibels (dBA) – time-weighted average (TWA) over eight hours – for workers with no previous work-related hearing loss.

**OSHA Requirements:** According to OSHA, workers exposed above 90 dB(A) 8 hour time weighted average must wear hearing protection.

Employers who have workers in areas with 8 hour TWA noise exposures of 85 dBA and higher must provide an OSHA Hearing Conservation Program that includes:

1. Noise Monitoring
2. Engineering and Administrative Controls
3. Annual Hearing Testing
4. Providing Hearing Protectors
5. Annual Training
6. Record Keeping
7. Evaluate program for effectiveness

Measure, Control, Protect, Check, Train, Record, Evaluate.

Repeated exposure to loud sounds, greater than 85 dBA, can cause permanent hearing loss and tinnitus. Other health effects related to noise can include stress, anxiety, hypertension, sleep disturbance and fatigue.

## Real World Concerns of Hearing Protection

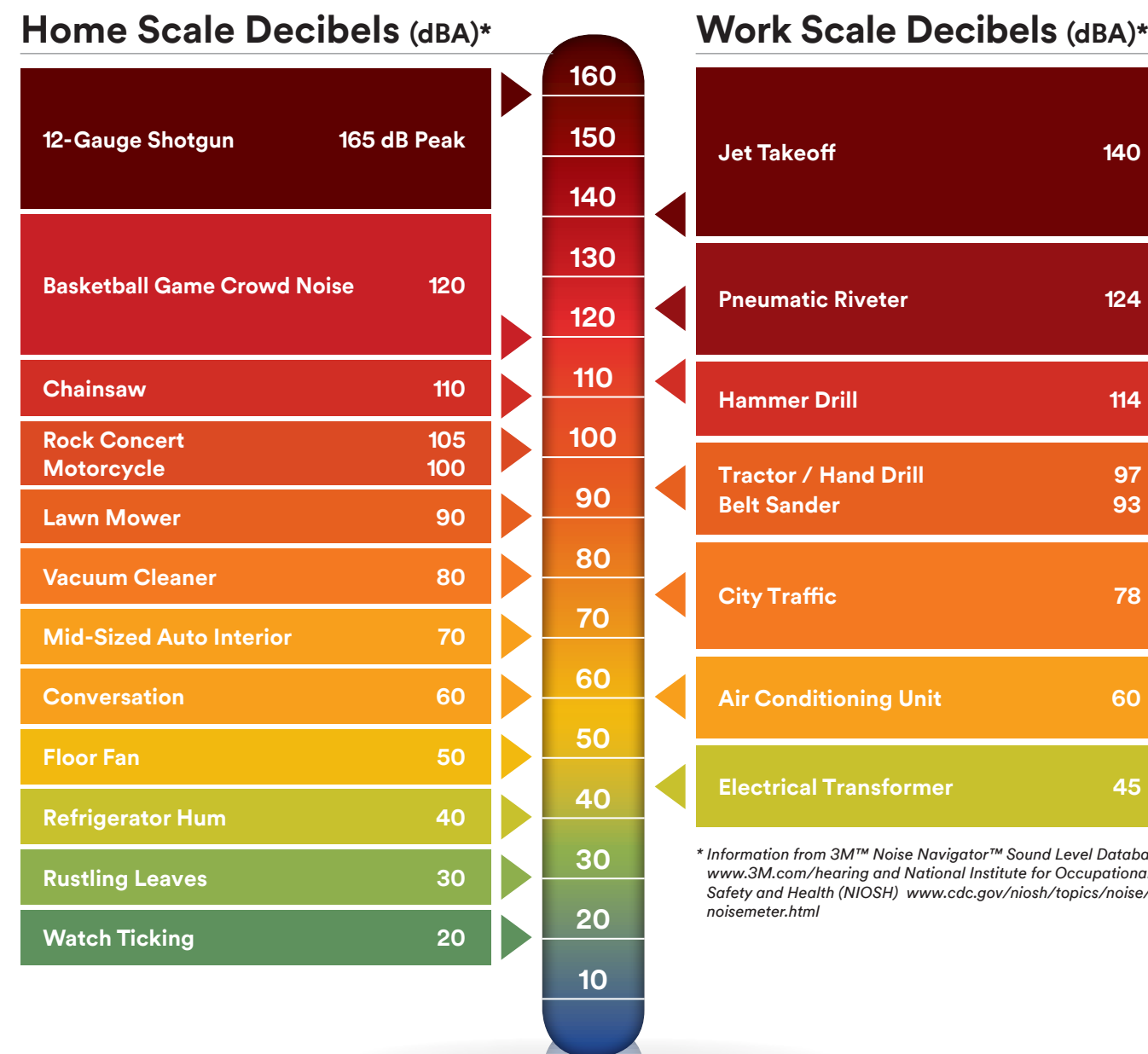
**Variable Noise Levels:** Every environment is different, and workers can face a wide range of sound levels throughout the day and in different areas at the same facility.

**The Human Factor:** Each person is physically unique. The key to achieving optimal protection is selecting devices capable of providing a good fit without sacrificing comfort.

**Employee Communication:** Many employees need to be able to communicate easily with co-workers and listen for workplace warning sounds, while being protected from potentially hazardous noise levels.

## What Types of Sounds Require Hearing Protection?

At home and work, it's important to understand which sounds may cause hearing loss and require hearing protection:



\* Information from 3M™ Noise Navigator™ Sound Level Database [www.3m.com/hearing](http://www.3m.com/hearing) and National Institute for Occupational Safety and Health (NIOSH) [www.cdc.gov/niosh/topics/noise/noisemeter.html](http://www.cdc.gov/niosh/topics/noise/noisemeter.html)



## The Solution

### 3M™ Detection, Protection and Validation

3M™ delivers easy and comprehensive tools to help employers solve complex hearing protection challenges.



3M's broad range of hearing protection devices in a variety of styles and materials helps you solve many of the challenges facing workers in various environments.



#### Accurate Noise Detection.

The first step in solving the hearing protection challenge is to measure the noise levels facing your workers. 3M™ Detection Solutions make it easy to measure noise hazards, so you can select the appropriate hearing protection for the application. Our detection instruments deliver accurate and reliable measurements, and 3M™ Detection Management Software makes it easy to report and share data.

Complying with regulations, selecting appropriate hearing protection and analyzing noise control options are all easier with 3M™ Detection Solutions for exposure assessment, noise analysis and employee engagement. 3M's accurate, reliable, and flexible instrumentation coupled with powerful software is the innovative solution for your noise measurement challenge.



#### Effective Hearing Protection.

Once you have completed the first step, detecting and monitoring employee noise exposures, it is critical to select hearing protectors that your employees are motivated to wear. 3M has a broad selection of hearing protectors for a wide range of environments. Trouble fitting your earplugs? Need to communicate in noise? Dirty hands? Hot, humid conditions? These are just a few of the many challenges that 3M's innovative products can help you solve. 3M global hearing team is available for consultation on your specific hearing protection challenge.



#### Fit Test Validation.

You have offered hearing protection to your workers. Now, how do you gain confidence each one is receiving the hearing protection intended? The 3M™ E-A-Rfit™ Dual-Ear Validation System makes it easier to validate, train and motivate workers and to assess and manage the long-term performance of your hearing conservation program.

The E-A-Rfit™ Dual-Ear validation system utilizes F-MIRE technology to measure and obtain an objective, quantitative level of employee hearing protection in less than 5 seconds per ear. Workers receive their own personal attenuation rating (PAR) and learn how correctly using their hearing protection can increase their level of protection. Integrating hearing protector fit testing into your hearing conversation program benefits everyone from new hires to high-risk workers.



## Confirming the Right Fit with the 3M™ E-A-Rfit™ Dual-Ear Validation System

Get results you can trust. The 3M™ E-A-Rfit™ Dual-Ear Validation System measures the effectiveness of earplugs and earmuffs from inside the employee's ear, providing accurate, quantitative results. And because you can simultaneously test both ears, you'll have more time to educate employees on the importance of fit and compliance.

## An Integral Part of Your Hearing Protection Program

Integrating hearing protector fit testing into your hearing conservation program benefits everyone from new hires to high-risk workers.

## The 3M™ E-A-Rfit™ Dual-Ear Validation System

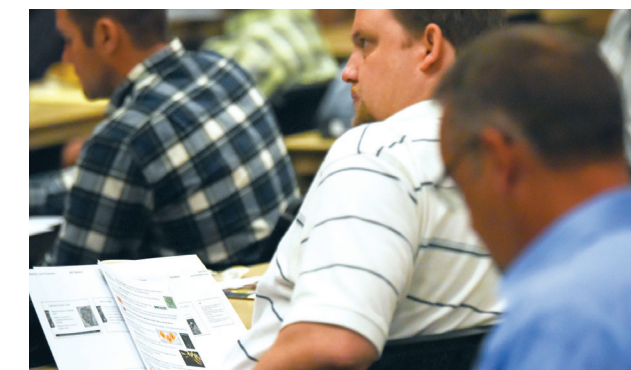
As the leader in hearing protection, 3M™ offers a complete solution, with dual-earplug and earmuff testing capabilities plus a user-friendly interface. The 3M™ E-A-Rfit™ Dual-Ear Validation System is the fast and easy way to find your employees' Personal Attenuation Rating (PAR), because we know how important it is to make your hearing conservation program fit seamlessly into your operation.

### Features

- ▶ Dual-ear testing
- ▶ Fast, clear accurate results
- ▶ Earplug and Earmuff testing capability
- ▶ Tests all 7 frequencies
- ▶ Seamless software integration
- ▶ Science-based, quantitative testing
- ▶ Compact design



## Technology and Support from the 3M™ Hearing Protection Specialists



### Employee Education and Training.

The 3M global hearing team provide valuable on-site training and seminars throughout North America, helping employers and their workers achieve their hearing conservation goals. 3M's training program for employees is designed to meet the requirements in OSHA 1910.95 for annual hearing conservation training and is conveniently performed on-site at no cost. Whether it's explaining attenuation ratings or regulations, or helping to provide the motivation workers need to comply, 3M certified trainers are available to help you achieve your hearing conservation program objectives. They will work with your team to help you ensure your workers are protected with the right hearing protection equipment for their jobs.

### Understanding Noise Reduction Rating (NRR).

A noise reduction rating is determined based on how well the hearing protector performed in a laboratory under ideal conditions. However, each hearing protector's NRR is not really a good estimate for workplace noise reduction. Many factors, such as the relationship between the size of the wearer and size of the hearing protector, and how it has been inserted or fitted, can impact how effective that hearing

protector will be. That's why it is so important to have the 3M™ E-A-Rfit™ Dual-Ear Validation System as part of your hearing conservation program and the support of a hearing protection team with over 40 years of experience.

### Innovation from the Experts.

At 3M, we understand the challenges of the workplace, the complexities of selecting and using protection devices, and the importance of creating adaptable solutions for hearing protection. Our innovations in noise detection, protection and validation are designed to help solve real-world challenges, providing our customers with the advanced and comprehensive solutions needed to help them protect workers.

The 3M team of application specialists, sound engineers, and support personnel provides an unmatched level of support you can rely on to advance your hearing protection program.

To learn more, visit [3M.com/Hearing](http://3M.com/Hearing)

## Food Industry Worker

**“In my job, I don’t want complicated hearing protection. Just keep it simple.”**

Susan works indoors at a food processing plant in a damp, refrigerated area. She leaves her hearing protectors in throughout her entire shift.

**She needs metal detectable earplugs or easy-to-clean earmuffs. And they have to be comfortable.**



## Construction Supervisor

**“I need to be able to hear my co-workers communicate with me, and ensure they are protected.”**

John moves in and out of noisy areas continuously throughout the day. Most of the time he is on the phone or a two-way radio.

**He needs a hearing protection solution with wireless 2-way radio communications and level-dependent technology. John also needs detection equipment to measure personal noise exposure and area sound pressure levels. In short, John needs to hear, communicate and measure sound levels in noisy environments.**



## Iron Worker

**“I don’t like boring products. Give me some interesting choices for my hearing protection.”**

Bill works in hot and humid environments, and often in tight spaces. He’s constantly moving and takes his earplugs out frequently.

**He needs large-sized earplugs that don’t have to be rolled down before inserting. If he’s also wearing earmuffs, they need to fit within his welding helmet.**



## Machine Operator

**“My hearing protection has got to be comfortable. That’s my top priority.”**

Julia works at the same station every day and wears safety glasses throughout her entire shift.

**She needs small-sized earplugs or earmuffs that are comfortable for extended wear.**

# Detection Solutions

Noise measurement is the first step in identifying where hearing protection may be needed. 3M™ delivers innovative detection solutions for effective noise monitoring programs. Durable, accurate, and easy-to-use instrumentation makes it simple to report and share noise exposure data. 3M™ Detection products deliver brilliantly intuitive solutions to complex monitoring challenges.

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## 3M™ Noise Indicator NI-100

The 3M™ Noise Indicator NI-100 alerts the wearer to potentially dangerous noise levels, helping identify areas where hearing protection may be needed. Users clip the noise indicator to a shirt or jacket, and its LED light provides a clear indication when noise levels exceed a potentially hazardous threshold. The NI-100's small size and lightweight design make it a great option for workers in a variety of industries.

- ▶ Affordable lightweight noise monitor with a durable, easy-to-use design
- ▶ Rechargeable battery that operates for up to 200 hours between charges
- ▶ Flashing green LED indicates if noise level is below 85 dBA
- ▶ Flashing red LED indicates noise level is at or above 85 dBA, indicating hearing protection may be needed



Product #	UPC #	Abbreviated Description	Case Qty
NI-100	00051131 17453 5	Noise Indicator	10 EA
053-575	00051131 48767 3	USB Cable Accessory for Battery Charging	1 EA

## 3M™ Sound Detector SD-200

The 3M™ Sound Detector SD-200 is a compact, lightweight sound level meter designed for measurement of workplace noise levels. Its intuitive design makes it easy for users to measure sound levels and helps determine the attenuation of hearing protection that may be required. The integrating feature computes the average sound pressure level, allowing for more accurate assessment of intermittent sound levels.

- ▶ Simple, user-friendly interface; green, yellow and/or red LEDs flash when preset noise levels are reached
- ▶ A rechargeable lithium polymer battery operates up to 50 hours between charges
- ▶ Large, easy-to-read display of average sound level where noise is highly variable
- ▶ Features a Class/Type 2 microphone
- ▶ Measures Sound Pressure Level (SPL), Average value (LEQ/LAVG), LED alert, Maximum value (MAX), Minimum value (MIN), Run-Time, Overload (OL) and Under-Range (UR)
- ▶ Display range is 40 to 130 dB (Dynamic Range)



Product #	UPC #	Abbreviated Description	Case Qty
SD-200	00051131 49632 3	Sound Detector Kit, USB Cable, Windscreen	1 EA
053-575	00051131 48767 3	USB Cable Accessory for Battery Charging	1 EA
SD-WS	00051131 49687 3	Windscreen	1 EA
056-990	00051131 48707 9	Sound Level Meter 1/2 inch Microphone Adapter to AC-300 Calibrator	1 EA
059-045	00051131 48966 0	Tripod	1 EA





### 3M™ Sound Examiner SE-400 Series

The 3M™ Sound Examiner SE-400 series of sound meters is 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.

- ▶ Intuitive interface allows for out-of-box use with little training
- ▶ Intrinsically Safe models available
- ▶ User selectable data logging intervals for download and analysis with 3M™ Detection Management Software
- ▶ Averaging functionality allows for easy measurement in variable environments
- ▶ Choose from models with Class/Type 1 or Class/Type 2 microphones
- ▶ SE-401 and SE-402-R models include removable preamp for environmental noise applications



Product #	UPC #	Abbreviated Description	Case Qty
SE-401	00051131498686	SE-401 Sound Examiner, Type 1 Microphone, Removable preamp	1 EA
SE-402	00051131498594	SE-402 Sound Examiner, Type 2 Microphone	1 EA
SE-402-R	00051141558721	SE-402 Sound Examiner, Type 2 Microphone, Removable preamp	1 EA
SE-401-IS	00051141561141	SE-401-IS Intrinsically Safe Sound Examiner, Type 1 Microphone	1 EA
SE-402-IS	00051131498693	SE-402-IS Intrinsically Safe Sound Examiner, Type 2 Microphone	1 EA

### 3M™ Edge™ Dosimeters

The 3M™ Edge™ Dosimeter is a 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 exposures.

- ▶ Comfortable, compact 3-ounce (85 grams) unit mounts easily to the shoulder
- ▶ Large display with intuitive easy-to-use interface provides crucial information at a glance
- ▶ Edge 5 model offers three independent dosimeters that can simultaneously measure against separate industry standards, all in one compact unit
- ▶ LCD display with visual warnings and option to lock out screen
- ▶ MSHA, SIRA (ATEX), CSA (U.S./Canada) and Simtars (IECEx) Intrinsic Safety Approvals



Product #	UPC #	Abbreviated Description	Case Qty
eg5-D	00051131485303	Edge™ 5 Noise Dosimeter with Single Edge Dock	1 EA
eg4-D	00051131485266	Edge™ 4 Noise Dosimeter with Single Edge Dock	1 EA
5eg5-D-AC3	00051141562483	5-Pack Edge™ 5 Noise Dosimeter and AC-300 Calibrator	1 Kt/Case
5eg4-D-AC3	00051141562452	5-Pack Edge™ 4 Noise Dosimeter and AC-300 Calibrator	1 Kt/Case

### 3M™ AcustiCal AC-300 Calibrator

The 3M™ AcustiCal AC-300 Calibrator was specifically designed for easy field calibration of 3M™ sound level meters and noise dosimeters across a wide range of temperature, humidity and pressure conditions. Simply insert the microphone of your instrument into the calibrator, select the correct signal from the onebutton keypad and calibrate.

- ▶ Type 1 calibrator for use with 3M™ Sound Level Meters and Noise Dosimeters
- ▶ Produces two signals: 250 Hz or 1,000 Hz at a sound pressure level of 114 dB
- ▶ Fast, simple operation for calibrating in the field
- ▶ Conforms to sound calibrator requirements of IEC 60942 (2003-01) and ANSI S1.40-2006 (R2011)



Product #	UPC #	Abbreviated Description	Case Qty
AC-300	00051131499140	AcustiCal AC-300 Calibrator	1 EA

### 3M™ Detection Management Software (DMS)

Once you've detected the level of noise exposure, 3M's DMS Detection Management Software allows you to centrally organize and access the information through our user-friendly software. It's data management made easy.

DMS works with 3M™ Detection Solutions Data Logging Instruments to allow for recording, reporting, charting and analyzing exposures to a variety of occupational and environmental hazards. Easy to learn with icon-driven navigation, DMS provides a simplified user experience and a powerful, consistent software platform across multiple sites.



Product #	UPC #	Abbreviated Description	Case Qty
DMS	00051131499133	Detection Management Software (DMS)	1 EA

# Disposable Earplugs

3M™ Disposable Earplugs, made from expandable slow-recovery foam, help provide a great combination of comfort and hearing protection for users. Once in the ear, foam earplugs expand to conform to the unique shape of each ear canal. 3M provides a wide range of disposable roll-down earplugs so you can choose the best solution for your individual needs.



## 3M™ E-A-R™ Classic™ Earplugs

Classic earplugs were the industry's first foam earplugs, virtually revolutionizing hearing protection. Today, the revolution continues. Classic earplugs meet wearer and environmental needs with its proprietary foams, preferred cylindrical shape and proven in-ear comfort.

- Available with Cord
- Moisture Resistant
- Slow-Recovery Foam
- E-A-Rfit Testable
- NRR 29 dB\*



Dispenser Available



Product #	UPC #	Abbreviated Description	Case Qty
310-1080	10080529 10081 5	Classic™ Earplug Corded, Poly Bag	1000 PR
311-1101	10080529 11001 2	Classic™ Earplug Corded, Poly Bag	2000 PR
311-1110	10080529 11006 7	Classic™ Earplug Corded, Paper Bag	600 PR
311-1081	10080529 11081 4	Classic™ Earplug Corded, Econopack	1500 PR
310-1060	10080529 10070 9	Classic™ Earplug Uncorded, 30-Pair Pack	360 PR
310-1001	10080529 10000 6	Classic™ Earplug Uncorded, Pillow Pack	2000 PR
312-1201	10080529 12002 8	Classic™ Earplug Uncorded, Poly Bag	2000 PR
312-1082	10080529 11082 1	Classic™ Earplug Uncorded, Econopack	3000 PR
312-1080	10080529 11080 7	Classic™ Earplug Uncorded, Econopack	5000 PR
390-1000	10080529 90000 2	Classic™ Earplug Uncorded, Value Pack Dispenser	2000 PR
310-1033	10080529 10009 9	Classic™ Earplug Uncorded, Beige	2000 PR
391-1001	10080529 91001 8	Classic™ Earplug Uncorded One Touch Pro Refill (Containers are Recyclable)	2000 PR
VP311-1101	10093045 93247 1	Classic™ Earplug Corded, 5-Pair Vending Pack	500 PR
VP312-1201	10080529 19091 5	Classic™ Earplug Uncorded Vending Pack	500 PR
390-1201	10078371 66638 2	Classic™ Earplug Uncorded in Rapid Release Dispensing Box	2000 PR
393-2003-50	10080529 19076 2	Classic™ Probed Test Plugs	50 PR

## 3M™ E-A-R™ Classic™ Small Earplugs

The diameter of a Classic™ small earplug is 7% less than that of the Classic™ earplug (and the same length) to help provide comfort and protection in smaller ears.

- Available with Cord
- Moisture Resistant
- Slow-Recovery Foam
- E-A-Rfit Testable
- NRR 29 dB\*



Product #	UPC #	Abbreviated Description	Case Qty
311-1106	10080529 11024 1	Classic™ Small Earplug Corded	2000 PR
310-1103	10080529 10052 5	Classic™ Small Earplug Uncorded	2000 PR
393-2007-50	10080529 19080 9	Classic™ Small Probed Test Plugs	50 PR

\* See important warning on fit testing and NRR derating on last page



## 3M™ E-A-R™ Classic™ Plus Earplugs

E-A-R™ Classic™ Plus earplugs are 20% longer than the regular E-A-R Classic earplug (and the same diameter) to fit deeper into the ear canal and help provide higher noise reduction.

- Available with Cord
- Moisture Resistant
- Metal Detectable (311-4101 only)
- Slow-Recovery Foam
- E-A-Rfit Testable
- NRR 33 dB\*

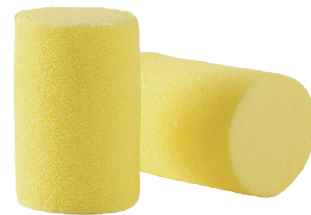
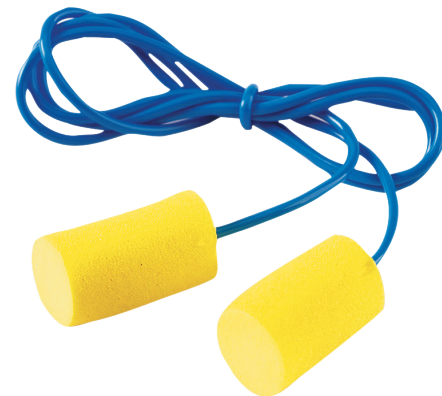
Product #	UPC #	Abbreviated Description	Case Qty
311-1105	10080529 11023 4	Classic™ Plus Earplug Corded, Poly Bag	2000 PR
310-1101	10080529 10051 8	Classic™ Plus Earplug Uncorded, Pillow Pack	2000 PR
311-4101	10080529 11031 9	Classic™ Plus Metal Detectable Earplug with Metal Detectable Cord	2000 PR
393-2009-50	10080529 19082 3	Classic™ Plus Probed Test Plugs	50 PR

## 3M™ E-A-R™ Classic™ Soft Earplugs

E-A-R™ Classic™ Soft earplugs are made of proprietary thermal-reactive foam. Like our other Classic earplugs, these earplugs start out firm to allow for easy fitting, then soften from body heat for a comfortable fit.

- Available with Cord
- Slow-Recovery Foam
- NRR 31 dB\*

Product #	UPC #	Abbreviated Description	Case Qty
311-6000	10080529 11067 8	Classic™ Soft Earplug Uncorded	2000 PR
311-6001	10080529 11068 5	Classic™ Soft Earplug Corded	2000 PR



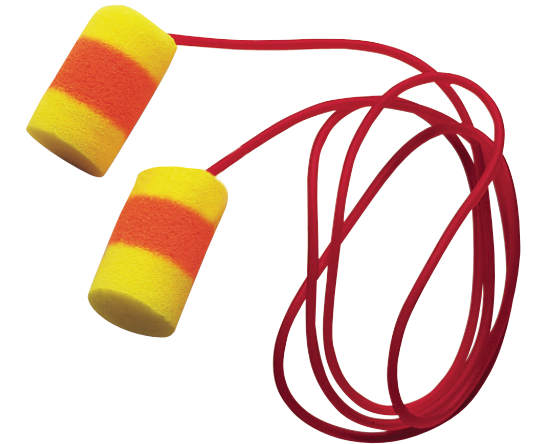
## 3M™ E-A-R™ Classic™ SuperFit™ Earplugs

SuperFit™ earplugs feature a unique ring to help identify how deeply the earplug is inserted. When minimal to no orange color is visible, the proper insertion is achieved. SuperFit™ 33 earplugs are designed for those looking for higher attenuation. SuperFit™ 30 earplugs are smaller in diameter and length for a comfortable fit in smaller ear canals.

- Available with Cord
- Moisture Resistant
- Slow-Recovery Foam
- SuperFit 30 – NRR 30 dB\*
- SuperFit 33 – NRR 33 dB\*



Dispenser Available



Product #	UPC #	Abbreviated Description	Case Qty
311-1126	10080529 11050 0	Classic™ SuperFit™ 30 Earplug Corded, Poly Bag	2000 PR
312-4201	10080529 12077 6	Classic™ SuperFit™ 30 Earplug Uncorded, Poly Bag	2000 PR
310-1009	10080529 10063 1	Classic™ SuperFit™ 30 Earplug Uncorded, Pillow Pack	2000 PR
311-1125	10080529 11044 9	Classic™ SuperFit™ 33 Earplug Corded, Poly Bag	2000 PR
310-1008	10080529 10061 7	Classic™ SuperFit™ 33 Earplug Uncorded, Pillow Pack	2000 PR
391-1002	10080529 91002 5	Classic™ SuperFit™ 30 One Touch Refill (Containers are Recyclable)	2000 PR

## 3M™ Foam Earplugs

Get the protection you need from the brand you can trust — at an affordable price — with 3M™ 1100 and 1110 earplugs. Soft, hypoallergenic foam and a tapered design help provide a noise-reducing seal in the ear canal. 3M™ 1100 and 1110 earplugs are easy to roll down, and once inserted in the ear, soften with body temperature for comfortable extended wear.

- Available with Cord
- Slow-Recovery Foam
- E-A-Rfit Testable
- NRR 29 dB\*



Dispenser Available



Product #	UPC #	Abbreviated Description	Case Qty
1100	50051138 29008 0	1100 Foam Earplug Uncorded	1000 PR
1110	50051138 29009 7	1110 Foam Earplug Corded	500 PR
VP1100	10080529191493	1100 Foam Earplug Uncorded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
391-1100	10080529 19102 1	1100 Foam Earplug Uncorded One Touch Pro Refill (Containers are Recyclable)	2000 PR
393-2010-50	10080529 19087 8	1100 Probed Test Plugs	50 PR



## 3M™ E-A-Rsoft™ Yellow Neons™ Earplugs

E-A-Rsoft™ Yellow Neons™ earplugs have a smooth texture for in-ear comfort, are made of an advanced foam for all-day wear and are available in two sizes. Brightly colored for hearing protection compliance sighting, these earplugs are an excellent choice for any hearing conservation program.

- Available with Cord
- Metal-Detectable (311-4106 only)
- Slow-Recovery Foam
- E-A-Rfit Testable
- NRR 33 dB\*



Dispenser Available



Product #	UPC #	Abbreviated Description	Case Qty
311-1256	10080529 11061 6	E-A-Rsoft™ Yellow Neons™ Regular Earplug Corded	1000 PR
311-1250	10080529 11033 3	E-A-Rsoft™ Yellow Neons™ Regular Earplug Corded	2000 PR
VP311-1250	10080529191431	E-A-Rsoft™ Yellow Neons™ Regular Earplugs Corded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
312-1250	10080529 12063 9	E-A-Rsoft™ Yellow Neons™ Regular Earplug Uncorded	2000 PR
VP312-1250	10080529191455	E-A-Rsoft™ Yellow Neons™ Regular Earplugs Uncorded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
311-1251	10080529 11034 0	E-A-Rsoft™ Yellow Neons™ Large Earplug Corded	2000 PR
312-1251	10080529 12064 6	E-A-Rsoft™ Yellow Neons™ Large Earplug Uncorded	2000 PR
311-4106	10080529 11042 5	E-A-Rsoft™ Yellow Neons™ Metal Detectable Earplug with Metal Detectable Cord	2000 PR
VP311-4106	10080529191462	E-A-Rsoft™ Metal Detectable Earplugs Corded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
310-1250	10080529 10065 5	E-A-Rsoft™ Yellow Neons™ Regular Earplug Uncorded, Pillow Pack	2000 PR
391-1004	10080529 91004 9	E-A-Rsoft™ Yellow Neons™ Regular Earplug Uncorded One Touch Pro Refill (Containers are Recyclable)	2000 PR
391-1005	10080529 91005 6	E-A-Rsoft™ Yellow Neons™ Earplug Uncorded Large One Touch Pro Refill (Containers are Recyclable)	1600 PR
390-1250	10078371 66639 9	E-A-Rsoft™ Yellow Neons™ Regular Earplug Uncorded in Rapid Release Dispensing Box	2000 PR
393-2000-50	10080529 19073 1	E-A-Rsoft™ Yellow Neons™ Probed Test Plugs	50 PR
393-2014-50	00078371 65949 3	E-A-Rsoft™ Yellow Neons™ Large Probed Test Plugs	50 PR

## 3M™ E-A-Rsoft™ Yellow Neon Blasts™ Earplugs

E-A-Rsoft™ Yellow Neon Blasts™ earplugs are made from a slowly expanding, polyurethane foam material. They help provide evenly distributed pressure, giving flexibility and a good seal with optimum comfort. A red flame design adds fun to serious hearing protection.

- Available with Cord
- Slow-Recovery Foam
- E-A-Rfit Testable
- NRR 33 dB\*



Dispenser Available



Product #	UPC #	Abbreviated Description	Case Qty
311-1257	10080529 11062 3	E-A-Rsoft™ Yellow Neon Blasts™ Regular Earplug Corded	1000 PR
311-1252	10080529 11035 7	E-A-Rsoft™ Yellow Neon Blasts™ Regular Earplug Corded	2000 PR
VP311-1252	10080529191479	E-A-Rsoft™ Yellow Neon Blasts™ Regular Earplugs Corded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
312-1252	10080529 12065 3	E-A-Rsoft™ Yellow Neon Blasts™ Regular Earplug Uncorded	2000 PR
391-1010	10080529 91012 4	E-A-Rsoft™ Yellow Neon Blasts™ Regular Earplug Uncorded One Touch Pro Refill (Containers are Recyclable)	2000 PR
390-1252	10078371 66640 5	E-A-Rsoft™ Yellow Neon Blasts™ Regular Earplug Uncorded in Rapid Release Dispensing Box	2000 PR

## 3M™ E-A-Rsoft™ FX™ Earplugs

FX™ earplugs feature a bell shape and super-soft, slow-recovery foam to effectively seal the ear canal and help provide reliable hearing protection. Flared end helps make fitting and removal easier.

- Available with Cord
- Slow-Recovery Foam
- E-A-Rfit Testable
- NRR 33 dB\*



Dispenser Available



Product #	UPC #	Abbreviated Description	Case Qty
312-1261	10080529 12086 8	E-A-Rsoft™ FX™ Earplug Uncorded	2000 PR
312-1274	10080529 12067 7	E-A-Rsoft™ FX™ Earplug Corded	1000 PR
312-1260	10080529 12085 1	E-A-Rsoft™ FX™ Earplug Corded	2000 PR
VP312-1260	10080529191509	E-A-Rsoft™ FX™ Corded Earplugs, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
390-1261	10080529 19112 7	E-A-Rsoft™ FX™ Earplug Uncorded, 500 Count Bag	250 PR
390-1262	10078371 66641 2	E-A-Rsoft™ FX™ Earplug Uncorded in Rapid Release Dispensing Box	2000 PR
393-2004-50	10080529 19077 9	E-A-Rsoft™ FX™ Probed Test Plugs	50 PR

## 3M™ E-A-Rsoft™ SuperFit™ Earplugs

E-A-Rsoft™ SuperFit™ earplugs have a smooth texture for in-ear comfort and are made of an advanced foam formulation for outstanding softness. The exclusive orange ring design provides a built-in visual to help confirm proper insertion.

- Available with Cord
- Metal Detectable (311-4109 only)
- Slow-Recovery Foam
- E-A-Rfit Testable
- NRR 33 dB\*



Dispenser Available



Product #	UPC #	Abbreviated Description	Case Qty
311-1254	10080529 11059 3	E-A-Rsoft™ SuperFit™ Regular Earplug Corded	2000 PR
312-1256	10080529 12083 7	E-A-Rsoft™ SuperFit™ Regular Earplug Uncorded	2000 PR
391-1254	10080529 91010 0	E-A-Rsoft™ SuperFit™ Regular Earplug Uncorded One Touch Pro Refill (Containers are Recyclable)	500 PR/Bottle
311-4109	10080529 19103 5	E-A-Rsoft™ SuperFit™ Metal Detectable Earplug with Metal Detectable Cord	2000 PR



## 3M™ E-A-Rsoft™ Grippers Earplugs

Unique grip rings help create a soft, noise-blocking seal for effective hearing protection. Popular with people who prefer larger earplugs.



Slow-Recovery Foam  
E-A-Rfit Testable  
NRR 31 dB\*

Product #	UPC #	Abbreviated Description	Case Qty
312-6001	10080529 12090 5	E-A-Rsoft™ Grippers Earplug Corded	2000 PR

## 3M™ Tattoo™ Earplugs

The challenge to encourage hearing protection compliance among younger workers is always great. Circled with a barbed “tattoo” design, Tattoo™ earplugs are designed with the next generation in mind. An advanced foam formulation conforms to the unique shape of each ear for enhanced comfort.



Available with Cord  
Slow-Recovery Foam  
E-A-Rfit Testable  
NRR 32 dB\*

Product #	UPC #	Abbreviated Description	Case Qty
P1101	10093045 98284 1	Tattoo™ Earplug Corded	1000 PR
P1100	10093045 98283 4	Tattoo™ Earplug Uncorded	2000 PR

## 3M™ E-A-R™ E-Z-Fit™ Earplugs

E-Z-Fit™ earplugs are sized for smaller ears and bell shaped for easier insertion and removal on the job. Soft, slow-recovery foam comfortably expand in the ear canal to help provide reliable hearing protection.



Available with Cord  
Slow-Recovery Foam  
E-A-Rfit Testable  
NRR 28 dB\*

Product #	UPC #	Abbreviated Description	Case Qty
312-1208	10080529 12007 3	E-Z-Fit™ Earplug Uncorded	2000 PR
312-1222	10080529 12016 5	E-Z-Fit™ Earplug Corded	2000 PR
393-2005-50	10080529 19078 6	E-Z-Fit™ Probed Test Plugs	50 PR

## 3M™ E-A-R™ TaperFit™ 2 Earplugs

Soft, roll-down foam earplugs conform to the unique shape of each ear to help provide a low-pressure, comfortable seal. Offered in two sizes.



Available with Cord  
Slow-Recovery Foam  
E-A-Rfit Testable  
NRR 32 dB\*

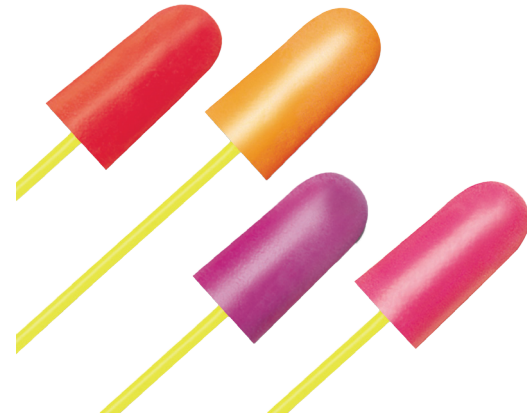
Product #	UPC #	Abbreviated Description	Case Qty
312-1219	10080529 12013 4	TaperFit™ 2 Regular Earplug Uncorded	2000 PR
312-1223	10080529 12017 2	TaperFit™ 2 Regular Earplug Corded	2000 PR
312-1221	10080529 12015 8	TaperFit™ 2 Large Earplug Uncorded	2000 PR
312-1224	10080529 12018 9	TaperFit™ 2 Large Earplug Corded	2000 PR
393-2006-50	10080529 19079 3	TaperFit™ Probed Test Plugs	50 PR

# 3M™ Disposable Earplugs



## 3M™ Nitro™ Earplugs

Younger workers are a challenge when encouraging hearing protection compliance. Nitro™ earplugs offer a variety of eye-popping colors in each dispenser box, which promotes hearing protection compliance sighting. Advanced foam formulation conforms to the unique shape of each ear for enhanced comfort.

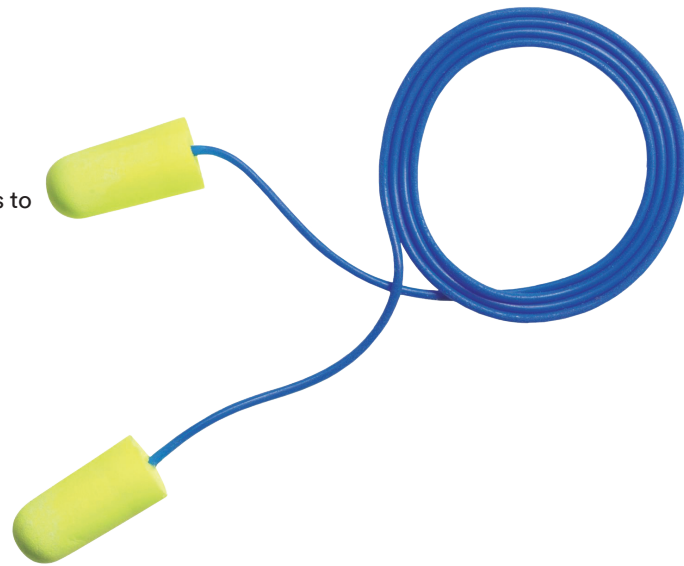


Available with Cord  
 Slow-Recovery Foam  
 E-A-Rfit Testable  
 NRR 32 dB\*

Product #	UPC #	Abbreviated Description	Case Qty
P1001	10093045 98013 7	Nitro™ Earplug Corded	1000 PR
P1000	10093045 98012 0	Nitro™ Earplug Uncorded	2000 PR

## 3M™ E-A-R™ Metal Detectable Earplugs

All metal detectable earplugs have a stainless steel bead encased in the earplug. Popular in food manufacturing industries, when contamination prevention is critical. Available in a variety of comfortable earplug styles to meet most wearer preferences and environmental needs.



Available with Cord  
 Metal Detectable  
 NRR values are included  
 in the description box below  
 E-A-Rfit Testable

Product #	UPC #	Abbreviated Description	Case Qty
311-4101	10080529 11031 9	Classic™ Plus Metal Detectable Earplug with Metal Detectable Cord, NRR 33 dB*	2000 PR
311-4106	10080529 11042 5	E-A-Rsoft™ Yellow Neons™ Metal Detectable Earplug with Metal Detectable Cord, NRR 32 dB*	2000 PR
VP311-4106	10080529191462	E-A-Rsoft™ Metal Detectable Earplugs Corded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
311-4109	10080529 19103 5	E-A-Rsoft™ SuperFit™ Metal Detectable Earplug with Metal Detectable Cord, NRR 32 dB*	2000 PR
318-3000	10080529 19014 4	Push-Ins™ Metal Detectable Earplug with Metal Detectable Cord, NRR 28 dB*	2000 PR
311-1127	10080529 11052 4	Express™ Pod Plug™ Metal Detectable Earplug Corded, NRR 25 dB*	400 PR
340-4007	10080529 40004 5	Reusable UltraFit™ Metal Detectable Earplug with Metal Detectable Cord, NRR 25 dB*	400 PR
VP340-4007	10080529191486	UltraFit™ Metal Detectable Earplugs Corded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
340-4017	10080529 40048 9	Reusable UltraFit™ Metal Detectable Earplug Econopack	2000 PR
311-4110	10078371670556	Yellow Neons™ Metal Detectable Earplug Corded, NRR 32 dB*	2000 PR



# Dispensers



## 3M™ E-A-R™ One Touch™ Pro Earplug Dispenser

Conveniently provide hearing protection where employees need it. The 3M™ One Touch™ Pro Earplug Dispenser dispenses one earplug at a time with a simple twist. No more expense and waste of individually wrapped plugs. Made from ABS recyclable plastic with a powder-coated steel back plate, it's designed for challenging environments — indoors and outdoors.

Refill Bottles (containers are recyclable)



	Product #	UPC #	Abbreviated Description	Case Qty
	391-1000	10080529 91000 1	One Touch™ Pro Dispenser	1 EA
	391-1001	10080529 91001 8	Classic™ One Touch™ Pro Refill, NRR 29 dB*	2000 PR
	391-1002	10080529 91002 5	Classic™ SuperFit™ 30 One Touch™ Pro Refill, NRR 30 dB*	2000 PR
	391-1004	10080529 91004 9	E-A-Rsoft™ Yellow Neons™ Regular One Touch™ Pro Refill, NRR 33 dB*	2000 PR
	391-1005	10080529 91005 6	E-A-Rsoft™ Yellow Neons™ Large One Touch™ Pro Refill, NRR 33 dB*	1600 PR
	391-1010	10080529 91012 4	E-A-Rsoft™ Yellow Neon Blasts™ Reg. One Touch™ Pro Refill, NRR 33 dB*	2000 PR
	390-1012	70071674751	E-A-Rsoft™ FX™ One Touch™ Pro Refill, NRR 33 dB*	500 pair/bottle 4 bottles/case
	391-1254	10080529 91010 0	E-A-Rsoft™ SuperFit™ Reg. One Touch™ Pro Refill, NRR 33 dB*	2000 PR
	391-1100	10080529 19102 1	1100 Foam Earplug One Touch™ Pro Refill, NRR 29 dB*	2000 PR
	391-0010	70071674744	One Touch™ Pro Mounting Adapter Plate	1/case

\* See important warning on fit testing and NRR derating on last page



## Rapid Release Dispensing Box

Our innovative disposable earplugs are designed for extended wear and comfort to help you prevent noise-induced hearing loss on the job. Earplugs are unwrapped for use in bulk earplug dispensers, eliminating the waste and mess of earplug wrappers. The Rapid Release Dispensing Box offers convenient earplug access for workers on the move.



Product #	UPC #	Abbreviated Description	Case Qty
390-1201	10078371666382	Classic™ Earplug Uncorded Rapid Release Dispensing Box	500 pair/box, 4 boxes/case
390-1250	10078371666399	E-A-Rsoft™ Yellow Neons™ Earplug Uncorded Rapid Release Dispensing Box	500 pair/box, 4 boxes/case
390-1252	10078371666405	E-A-Rsoft™ Yellow Neon Blasts™ Earplug Uncorded Rapid Release Dispensing Box	500 pair/box, 4 boxes/case
390-1262	10078371666412	E-A-Rsoft™ FX™ Earplug Uncorded Rapid Release Dispensing Box	500 pair/box, 4 boxes/case

## 3M™ E-A-R™ Vending Packs

Earplugs conveniently packaged for vending purposes.



VP312-1201    VP318-1001    VP312-1250

Product #	UPC #	Abbreviated Description	Case Qty
VP311-1101	10093045 93247 1	Classic™ Earplugs Corded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
VP312-1201	10080529 19091 5	Classic™ Earplugs Uncorded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
VP318-1001	10080529 19092 2	Push-ins™ Earplugs Corded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
VP318-1001	10080529 19092 2	Push-ins™ Earplugs Uncorded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
VP340-4004	10093045 93248 8	UltraFit™ Earplugs Corded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
VP340-4003	10093045 93248 8	UltraFit™ Earplugs Uncorded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
VP311-1115	10080529191417	Express™ Pod Plugs™ Earplugs Corded, Vend Pack, 4 pair/pack, 125 packs/case	500 PR
VP-P1301	10080529191424	Skull Screws™ Earplugs Corded, Vend Pack, 4 pair/pack, 125 packs/case	500 PR
VP311-1250	10080529191431	E-A-Rsoft™ Yellow Neons™ Regular Earplugs Corded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
VP312-1250	10080529191455	E-A-Rsoft™ Yellow Neons™ Regular Earplugs Uncorded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
VP-P3000	10080529191448	Tri-Flange™ Earplugs Corded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
VP311-4106	10080529191462	E-A-Rsoft™ Metal Detectable Earplugs Corded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
VP311-1252	10080529191479	E-A-Rsoft™ Yellow Neon Blasts™ Regular Earplugs Corded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
VP340-4007	10080529191486	UltraFit™ Metal Detectable Earplugs Corded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
VP1100	10080529191493	1100 Earplugs Uncorded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
VP312-1260	10080529191509	E-A-Rsoft™ FX™ Earplugs Corded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR







**E-A-R™**  
Hearing Protection

## 3M™ E-A-R™ Express™ Pod Plugs™ Earplugs

The unique pod design of Express™ Pod Plugs™ earplugs allows the foam to compress easily so the earplug slides gently into the ear and expands slowly, helping to make an effective seal for most ear canals. A flexible stem makes inserting easy.

Available with Cord  
Metal Detectable (311-1127 only)  
Slow-Recovery Foam  
E-A-Rfit Testable  
No Roll-Down Required  
NRR 25 dB\*



Product #	UPC #	Abbreviated Description	Case Qty
311-1114	10080529 18001 5	Express™ Pod Plugs™ Blue Grips Earplug Corded, Pillow Pack	400 PR
311-1115	10080529 18005 3	Express™ Pod Plugs™ Assorted Color Grips Earplug Corded, Pillow Pack	400 PR
VP311-1115	10080529191417	Express™ Pod Plugs™ Earplugs Corded, Vend Pack, 4 pair/pack, 125 packs/case	500 PR
321-2100	10080529 18003 9	Express™ Pod Plugs™ Blue Grips Earplug Uncorded, Pillow Pack	400 PR
321-2200	10080529 18000 8	Express™ Pod Plugs™ Assorted Color Grips Earplug Uncorded, Pillow Pack	400 PR
311-1127	10080529 18004 6	Express™ Pod Plugs™ Metal Detectable Earplug Corded	400 PR
393-2008-50	10080529 19081 6	Express™ Pod Probed Test Plugs	50 PR

## 3M™ E-A-R™ Push-Ins™ Earplugs

No roll-down is required with these earplugs. A gentle push is all it takes for easy, consistent insertion. Blue stem makes insertion and removal easy and helps keep the tips clean when the wearer's hands are dirty. The unique, soft 3M™ E-A-Rform™ Foam Tip is shaped and sized to mold comfortably for most ears.

Available with Cord  
Metal Detectable (318-3000 only)  
Slow-Recovery Foam  
E-A-Rfit Testable  
No Roll-Down Required  
NRR 28 dB\*



Product #	UPC #	Abbreviated Description	Case Qty
318-1001	10080529 18001 5	Push-Ins™ Earplug Corded	400 PR
318-1005	10080529 18005 3	Push-Ins™ Earplug Corded, Econopack	1500 PR
318-1003	10080529 18003 9	Push-Ins™ Earplug Corded	2000 PR
318-1000	10080529 18000 8	Push-Ins™ Earplug Uncorded	400 PR
318-1004	10080529 18004 6	Push-Ins™ Earplug Uncorded, Econopack	1500 PR
318-1002	10080529 18002 2	Push-Ins™ Earplug Uncorded	2000 PR
318-3000	10080529 19014 4	Push-Ins™ Metal Detectable Earplug with Metal Detectable Cord	2000 PR
VP318-1001	10080529 19092 2	Push-Ins™ Earplug Corded, Vending Pack	500 PR
393-2015-50	00078371 66039 0	Push-Ins™ with Grip Rings Test Plugs	50 PR

\* See important warning on fit testing and NRR derating on last page

# Push-to-Fit Earplugs

Simply hold 3M™ Push-to-Fit Earplugs by the stem then push them into place — there is no roll-down required. The soft foam tip quickly adjusts to the shape of the ear to help create a noise-reducing seal. Since you don't touch the foam tip, they are easy to insert and keep clean, even when your hands are dirty or you are wearing gloves.



### 3M™ Pistonz™ Earplugs

These earplug tips look like metal, but feel ultra-soft. They are made of a specially formulated foam that is so soft and comfortable the earplugs can be worn all day long. The cylindrical shape is designed for most size ears. The stem is stiff enough to insert yet is designed to flex sideways if impacted during wear. No need to roll foam tips before inserting. Just grip the stem and insert tip into the ear — right out of the package.

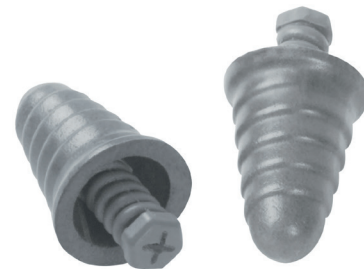


- Available with Cord
- Slow-Recovery Foam
- No Roll-Down Required
- NRR 29 dB\*

Product #	UPC #	Abbreviated Description	Case Qty
P1401	10093045 93402 4	Pistonz™ Earplug Corded	400 PR
P1401A	10051131 37051 4	Pistonz™ Earplug Corded 2-Pack	50 PR
P1400	10093045 93401 7	Pistonz™ Earplug Uncorded	400 PR

### 3M™ Skull Screws™ Earplugs

Skull Screws™ earplugs perform as tough as they look by providing excellent hearing protection for noisy environments. The metallic color makes the earplugs look solid, but they are made from ultra-soft foam that provides day long comfort. Grab the attention of your young workers with these radically designed earplugs and help boost hearing protection acceptance.



- Available with Cord
- Slow-Recovery Foam
- E-A-Rfit Testable
- No Roll-Down Required
- NRR 32 dB\*

Product #	UPC #	Abbreviated Description	Case Qty
P1300	10093045 92951 8	Skull Screws™ Earplug Uncorded	480 PR
P1301	10093045 92952 5	Skull Screws™ Earplug Corded	480 PR
VP-P1301	10080529191424	Skull Screws™ Earplugs Corded, Vend Pack, 4 pair/pack, 125 packs/case	500 PR
393-2012-50	10093045 93713 1	Skull Screws™ Probed Test Plugs	50 PR

### 3M™ No-Touch™ Foam Earplugs

Soft, purple No-Touch™ foam earplugs create a hygienic, noise-reducing seal in the ear with soft foam, a smooth tapered shape and paddle stems. Push-to-fit design makes inserting hearing protection easy, with no roll-down required. Available with or without cord.



- Available with Cord
- Slow-Recovery Foam
- E-A-Rfit Testable
- No Roll-Down Required
- NRR 29 dB\*

Product #	UPC #	Abbreviated Description	Case Qty
P2001	10093045 98015 1	No-Touch™ Earplug Corded	400 PR
P2000	10093045 98014 4	No-Touch™ Earplug Uncorded	400 PR
393-2013-50	10093045 93748 6	No-Touch™ Probed Test Plugs	50 PR

### 3M™ E-A-R™ Push-Ins™ with Grip Rings

Push-Ins™ earplugs with patented grip rings gently seal the ear. The flexible stem makes insertion and removal easy and helps keep the tips clean when the wearer's hands are dirty. Foam tips made of soft polyurethane foam.



- Available with Cord
- Slow-Recovery Foam
- E-A-Rfit Testable
- No Roll-Down Required
- NRR 30 dB\*

Product #	UPC #	Abbreviated Description	Case Qty
318-1009	10080529 18011 4	Push-Ins™ with Grip Rings Earplug Corded	2,000 PR
318-1008	10080529 18010 7	Push-Ins™ with Grip Rings Earplug Uncorded	2,000 PR
393-2015-50	00078371 66039 0	Push-Ins™ with Grip Rings Test Plugs	50 PR

# 3M™ Push-to-Fit Earplugs



## 3M™ E-A-R™ Push-Ins™ SofTouch™ Earplugs

No roll-down convenience and easy grip handle for quick insertion and removal. The soft, tapered foam tips enhance comfort.

- Available with Cord
- Slow-Recovery Foam
- No Roll-Down Required
- NRR 31 dB\*



Product #	UPC #	Abbreviated Description	Case Qty
318-4001	10080529 18018 3	Push-Ins™ SofTouch™ Earplug Corded	2,000 PR
318-4000	10080529 18017 6	Push-Ins™ SofTouch™ Earplug Uncorded	2,000 PR



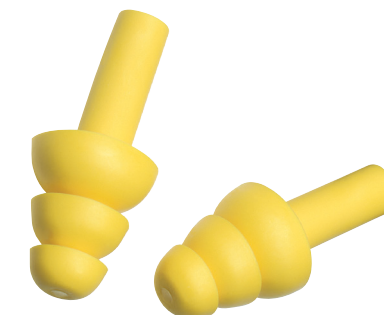
# Reusable Earplugs

These durable, long-lasting earplugs are made from soft, flexible materials that are washable and reusable. The tapered tips are pre-molded for a wide range of ear sizes. Available in a variety of styles and protection levels.



## 3M™ E-A-R™ UltraFit™ Earplugs

A proven triple-flange design and pliable, pre-molded material make UltraFit™ earplugs a good option for most ears. These durable, reusable earplugs are easy to use again and again, reducing waste. They can be cleaned easily with soap and water. Since there is no need to roll them down before inserting, simply push them into the ears for clean and comfortable noise reduction.



Available with Cord
Moisture Resistant
Reusable
Metal Detectable Models Available
E-A-Rfit Testable
No Roll-Down Required
NRR 25 dB*

Product #	UPC #	Abbreviated Description	Case Qty
340-4002	10080529 40001 4	UltraFit™ Earplug Corded, with Case	200 PR
340-4004	10080529 40003 8	UltraFit™ Earplug Corded	400 PR
340-4036	10080529 40051 9	UltraFit™ Earplug with Natural Cotton Cord	400 PR
340-4044	10080529 40038 0	UltraFit™ Earplug with Cloth Cord, Paper Envelope	400 PR
VP340-4004	10093045 93248 8	UltraFit™ Earplug Corded, 5-Pair Vending Pack	500 PR
340-4014	10080529 40053 3	UltraFit™ Earplug Corded, Econopack	2000 PR
340-4001	10080529 40000 7	UltraFit™ Earplug Uncorded, with Case	200 PR
340-4003	10080529 40002 1	UltraFit™ Earplug Uncorded	400 PR
VP340-4003	10093045 93248 8	UltraFit™ Earplugs Uncorded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
340-4007	10080529 40004 5	UltraFit™ Metal Detectable Earplug Corded, no Case	400 PR
VP340-4007	10080529191486	UltraFit™ Metal Detectable Earplugs Corded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
340-4017	10080529 40048 9	UltraFit™ Metal Detectable Earplug, Econopack	2000 PR
393-2001-50	10080529 19074 8	UltraFit™ Probed Test Plugs	50 PR

## 3M™ E-A-R™ UltraFit™ 27 Earplugs

Soft, flexible triple-flange tips are comfortable in a wide range of ear sizes. Pistol-grip stems provide fingertip control for easy inserting. UltraFit™ 27 earplugs provide the highest NRR among 3M™ reusable earplug models.



Available with Cord
Moisture Resistant
Reusable
No Roll-Down Required
NRR 27 dB*

Product #	UPC #	Abbreviated Description	Case Qty
340-8002	10080529 40055 7	UltraFit™ 27 Earplug Corded	400 PR
340-8001	10080529 40054 0	UltraFit™ 27 Earplug Uncorded	400 PR

\* See important warning on fit testing and NRR derating on last page



## 3M™ E-A-R™ UltraFit™ Plus™ Earplugs

UltraFit™ Plus™ earplugs offer quick, hygienic and easy inserting with paddle-style stems. A variety of stem and cord colors are available. An optional storage case keeps earplugs clean when not in use.



- Moisture Resistant
- Reusable
- No Roll-Down Required
- E-A-Rfit Testable
- NRR 26 dB\*

Product #	UPC #	Abbreviated Description	Case Qty
340-6002	10080529 40040 3	UltraFit™ Plus™ Earplug Corded, with Case	200 PR
340-6004	10080529 40042 7	UltraFit™ Plus™ Earplug Corded	400 PR

## 3M™ UltraFit™ Silicone Corded Earplug

The 3M™ UltraFit™ Silicone Earplug is a comfortable reusable hearing protector. Made from a durable soft silicone material this earplug easily adapts to the ear canal and can be reused many times to help reduce waste. The three-flange design fits a wide range of ear canal sizes and a cloth cord for comfort and convenience. The carrying case helps keep earplugs clean and protected when not in use.

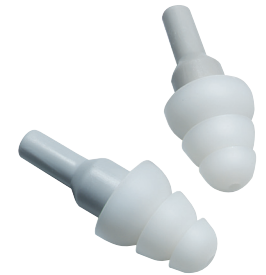


- Moisture Resistant
- Reusable
- No Roll-Down Required
- E-A-Rfit Testable
- NRR 24 dB\*

Product #	UPC #	Abbreviated Description	Case Qty
340-3002	500 51131 27515 2	UltraFit™ Silicone Corded Earplug	400 PR

## 3M™ E-A-R™ Hi-Fi Earplugs

Hi-Fi earplugs feature a unique acoustic filter in the stem that helps provide a moderate amount of noise reduction with minimal distortion to allow the listener to hear sounds, especially music, more naturally. Proprietary, premolded, triple-flange design allows for easy insertion.



- Moisture Resistant
- Reusable
- No Roll-Down Required
- NRR 12 dB\*

Product #	UPC #	Abbreviated Description	Case Qty
410-3019	10080529 90590 8	Hi-Fi Earplugs Uncorded	48 PR

## 3M™ Tri-Flange™ Earplugs

Soft, flexible flanges adapt to the shape of the ear canal to comfortably reduce exposure to noise. The plastic stem allows the wearer to insert the earplugs quickly and easily without touching the premolded tips. Choose from a vinyl or cloth cord.



- Moisture Resistant
- Reusable
- E-A-Rfit Testable
- No Roll-Down Required
- NRR 26 dB\*

Product #	UPC #	Abbreviated Description	Case Qty
P3000	10093045 98016 8	Tri-Flange™ Earplug Corded	400 PR
VP-P3000	10080529191448	Tri-Flange™ Earplugs Corded, Vend Pack, 5 pair/pack, 100 packs/case	500 PR
P3001	10093045 98017 5	Tri-Flange™ Earplug with Cloth Cord	400 PR
393-2011-50	10093045 93712 4	Tri-Flange™ Probed Test Plugs	50 PR

## 3M™ E-A-R™ Support Materials

A variety of tools and materials to help you with your hearing conservation training.



Product #	UPC #	Abbreviated Description	Case Qty
319-1001	10080529 19001 4	Listen Up! Sample Box of 18 different E-A-R Earplugs	1 EA
319-1002	10080529 19002 1	Clear Ear	1 EA
319-1003	10080529 19003 8	Roll Model	1 EA
390-9003	10080529 90005 7	Earplug Carrying Case with Chain	200 EA
85099-00000	10078371 85099 6	Ear Gauge Ear Canal Sizing Tool	50 EA

# Banded Hearing Protectors

Banded hearing protectors are an easy-to-use, convenient alternative to earplugs and earmuffs. They are quick to put on and take off and may be stored around the neck in between uses, making them excellent for intermittent use. Banded hearing protectors offer simplicity to help ensure your workers are receiving the right level of protection. Most models are available with replacement tips, which make them a very cost-effective option.



## 3M™ E-A-Rflex™ Hearing Protectors

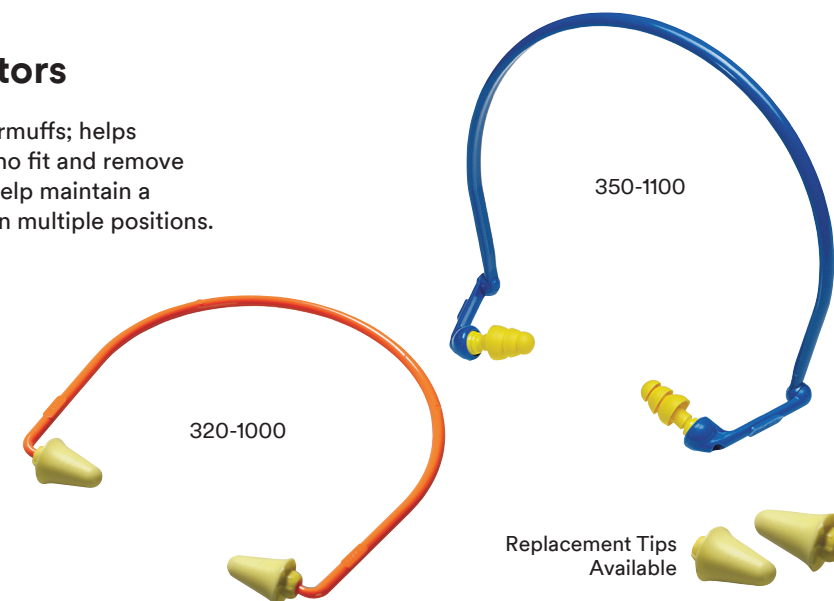
A comfortable, effective, lightweight alternative to earmuffs; helps provide excellent noise reduction. Great for people who fit and remove their hearing protection frequently. Soft tips pivot to help maintain a comfortable, noise-blocking seal. Band may be worn in multiple positions.

Reusable  
No Roll-Down Required

**E-A-Rflex™ 28 Hearing Protector**  
NRR 28 dB\* (band worn under the chin)

**E-A-Rflex™ Hearing Protector with Foam Tips**  
NRR 25 dB\* (band worn under the chin, over the head or behind the head)

**E-A-Rflex™ Hearing Protector with UltraFit Tips**  
NRR 27 dB\* (band worn under the chin)  
NRR 24 dB\* (band worn over the head or behind the head)



Product #	UPC #	Abbreviated Description	Case Qty
320-1000	10080529 20006 5	E-A-Rflex™ 28 Hearing Protector	100 EA
320-1001	10080529 19063 2	E-A-Rflex™ 28 Replacement Tips	50 PR
350-1001	10080529 50007 3	E-A-Rflex™ Hearing Protector with Foam Tips	100 EA
350-1002	10080529 19064 9	E-A-Rflex™ Foam Replacement Tips	50 PR
350-1100	10080529 50020 2	E-A-Rflex™ Hearing Protector with UltraFit Tips	100 EA

## 3M™ E-A-R™ Caboflex™ Hearing Protectors

This lightweight, banded hearing protector is great when moving in and out of high noise areas, fitting comfortably around the neck when not in use. Each cone-shaped tip pivots to align with the ear, providing comfortable hearing protection against noise. Band may be worn under the chin or behind the head.

Reusable  
Moisture Resistant  
Slow-Recovery Foam  
No Roll-Down Required

**Behind-the-head**  
NRR 17 dB\*

**Under-the-chin**  
NRR 20 dB\*



Product #	UPC #	Abbreviated Description	Case Qty
320-2001	10080529 20000 3	Caboflex™ Model 600 Hearing Protector	100 EA
320-2004	10080529 19065 6	Caboflex™ Model 600 Replacement Tips	50 PR

\* See important warning on fit testing and NRR derating on last page

# 3M™ Banded Hearing Protectors



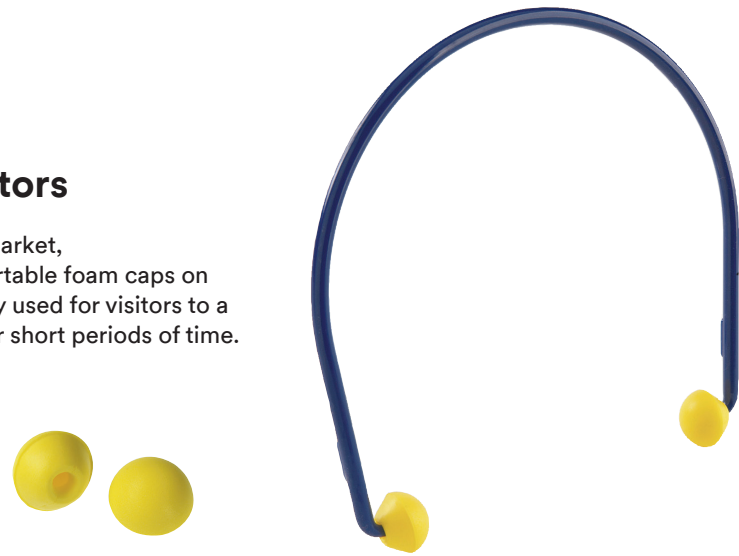
## 3M™ E-A-Rcaps™ Hearing Protectors

One of the lightest banded hearing protectors on the market, E-A-Rcaps™ banded hearing protectors feature comfortable foam caps on a flexible band to block the ear canal opening. Commonly used for visitors to a noisy facility or people who need hearing protection for short periods of time.

- Slow-Recovery Foam
- E-A-Rfit Testable
- No Roll-Down Required

Band worn under the chin  
NRR 17 dB\*

Replacement Tips Available



Product #	UPC #	Abbreviated Description	Case Qty
321-2101	10080529 21001 9	E-A-Rcaps™ Model 200 Hearing Protector	100 EA
321-2103	10080529 19066 3	E-A-Rcaps™ Model 200 Replacement Tips	50 PR
393-2020-50	10078371 66760 0	E-A-R Caps™ Probed Test Plugs	50 PR

## 3M™ E-A-R™ Swerve™ Banded Hearing Protector

Comfort meets performance as the unique Swerve™ banded earplugs incorporate a cutting-edge band design with the effectiveness of E-A-R™ foam earplugs. The ergonomic design minimizes interference, and the neckband shape helps eliminate contact with collars and headgear, which reduces band sound transmission. The band slides forward and backward for custom neck and ear positioning. It is also supplied with a removable cotton lanyard.

- Slow-Recovery Foam
- No Roll-Down Required

E-A-RFlex 28 Tips 28 Tips – NRR 28 dB\*

Replacement Tips Available



Product #	UPC #	Abbreviated Description	Case Qty
322-2000	10080529 22004 9	Swerve™ Banded Hearing Protector	10 EA
320-1001	10080529 19063 2	E-A-RFlex™ 28 Replacement Tips	50 PR



**3M** | **PELTOR™**

### 3M™ PELTOR™ Earmuffs - X Series

The 3M™ PELTOR™ Earmuffs - X Series are available in headband and hard hat attached versions. With Noise Reduction Rating (NRR) values ranging from 21 to 31 dB, the X Series makes it easier than ever to match the attenuation of the earmuff with the noise exposure of the worker. When correctly selected and worn, these products help reduce exposure to hazardous levels of noise and loud sounds. The hard hat attached models are designed to fit securely into standard accessory slots, such as those on the 3M™ H700 Series hard hats.

**Rugged headbands and attachment arms** help maintain comfortable pressure all day

**Twin headband design** helps lessen heat build up on top of head

**Easily adjustable plastic guides** help move the cup position comfortably while the earmuff is on the head

**Soft outer cup coating** helps protect from abrasion and bumps

**Durable, long-lasting ABS plastic cups** with soft overmolding are designed to perform even in tough work conditions

**Modern, sleek design** helps promote users to wear them

**Electrically insulated headband\*\*** with no exposed wires helps protect from low voltage electrical hazards

**Flat, wide headband** with soft plastic coating helps provide stable pressure on top of the head for enhanced comfort

**Large space inside ear cups** allows for a comfortable fit over a wide range of ear sizes

**Wide, soft foam ear cushions** designed for high comfort and an effective seal with the head

E-A-Rfit Testable



# Earmuffs

Earmuffs are a popular choice in hearing protection due to their ease of use and consistent fit. Available in headband, neckband, hard hat attached and folding models, earmuffs help meet hearing protection needs in many common applications.

\* See important warning on fit testing and NRR derating on last page

\*\* Electrically Insulated. Non-conductive (sometimes referred to as "dielectric") material covers the metal components of the helmet attachment and headband mechanisms. These earmuffs have been evaluated at an external laboratory against a modified test method based on EN 397:2012 under dry conditions. The metal parts of the headband and hard hat attachment are electrically insulated withstanding a voltage up to 1.2 kV. The user must determine the overall suitability of this product for the intended application taking into account any hazards other than noise for which this product is tested and approved.





### 3M™ PELTOR™ Earmuffs X1-X3

New & Improved 3M™ PELTOR™ Earmuffs — Now with electrically-insulated models in hard hat attached and over-the-head styles to meet the needs of an extensive range of industrial applications.



NRR 22 dB\*



NRR 21 dB\*



NRR 24 dB\*



NRR 24 dB\*



NRR 28 dB\*



NRR 25 dB\*

**X1**  
Ultra slim earmuffs for low noise environments

**X2**  
Lightweight earmuffs for low - moderate noise environments

**X3**  
High protection earmuffs for moderate - high noise environments

Product #	3M ID #	Abbreviated Description	Case Qty
X1A	10093045937230	X1 Over-the-Head Earmuff, Green	10 EA
X1P3E	10093045937285	X1 Hard Hat-Attached Earmuff, Green	10 EA
X1P5E	0078371671003	X1 Hard Hat-Attached Electrically Insulated, Green	10 EA
HYX1	10093045937339	Replacement Hygiene Kit for X1 Earmuff Models, 1 Pr	10 EA
X2A	XA007706899	X2 Over-the-Head Earmuff, Yellow	10 EA
X2P3E	XA007706907	X2 Hard Hat-Attached Earmuff, Yellow	10 EA
X2P5E	10078371671010	X2 Hard Hat-Attached Electrically-Insulated, Yellow	10 EA
HYX2	XA007707582	Replacement Hygiene Kit for X2 Earmuff Models, 1 Pr	10 EA
393-3001-2	0007837166834 1	X1/X2 Probed Test Cushions	2 PR
X3A	XA007706915	X3 Over-the-Head Earmuff, Red	10 EA
X3P3E	XA007706923	X3 Hard Hat-Attached Earmuff, Red	10 EA
X3P5E	10078371671027	X3 Hard Hat-Attached Electrically-Insulated, Red	10 EA
HYX3	XA007707590	Replacement Hygiene Kit for X3 Earmuff Models, 1 Pr	10 EA
393-3003-2	0007837166835 8	X3 Probed Test Cushions	2 PR

### 3M™ PELTOR™ Earmuffs — X Series Forestry

X-Series Forestry orange earmuffs are designed to help you meet the needs of your crew and is protection they will want to wear.



Product #	3M ID #	Abbreviated Description	Case Qty
X1P5E-OR	50051131272878	X1 Hard Hat-Attached Electrically-Insulated, Orange	10 EA
X4A-OR	50051131272885	X4 Over-the-Head Earmuff, Orange	10 EA
X4P5E-OR	50051131272892	X4 Hard Hat-Attached Electrically-Insulated, Orange	10 EA

### 3M™ PELTOR™ Earmuffs X4

The X4 combines high attenuation with a sleek, low-profile and lightweight design. The innovative foam earcup inserts and spacers help boost attenuation while adding little bulk or weight.

- ▶ Lighter and smaller cup profile than the X3 with nearly the same level of attenuation
- ▶ Electrically-insulated models available in over-the-head and hard hat-attached styles
- ▶ High level of protection without all the bulk
- ▶ Innovative foams and proprietary high density, slow recovery 3M™ E-A-R™ foam ear cushion helps create high levels of comfort and attenuation
- ▶ Bright yellow-green color cups help employers verify hearing protectors are being worn



Product #	3M ID #	Abbreviated Description	Case Qty
X4A	10093045937261	X4 Over-the-Head Earmuff, Light Green NRR 27 dB*	10 EA
X4P3E	10093045937315	X4 Hard Hat-Attached Earmuff, Light Green NRR 25 dB*	10 EA
X4P5E	10078371671034	X4 Hard Hat-Attached Electrically-Insulated, Light Green NRR 25 dB*	10 EA
HYX4	10093045937360	Replacement Hygiene Kit for X4 Earmuff Models, 1 Pr	10 EA
393-3005-2	0007837166836 5	X4/X5 Probed Test Cushions	2 PR

### 3M™ PELTOR™ Earmuffs X5

For very high noise situations, no earmuffs in the market today offer a higher Noise Reduction Rating (NRR) than X5. The high attenuation provided by these earmuffs is a result of the combination of specially-formulated foam in the earcups and cushions and the innovative spacer and cup design.

- ▶ High attenuation, NRR 31 dB\* in both headband and hard hat-attached models
- ▶ Electrically-insulated models available in over-the-head and hard hat attached styles
- ▶ Twin headband design helps reduce heat buildup with good fit and balance
- ▶ Combination of new technologies allows for more room inside the earcup, helping provide a more comfortable fit over a wide range of ear sizes



Product #	3M ID #	Abbreviated Description	Case Qty
X5A	10093045937278	X5 Over-the-Head Earmuff, Black NRR 31 dB*	10 EA
X5P3E	10093045937322	X5 Hard Hat-Attached Earmuff, Black NRR 31 dB*	10 EA
X5P5E	10078371671041	X5 Hard Hat-Attached Electrically-Insulated, Black NRR 31 dB*	10 EA
HYX5	10093045937377	Replacement Hygiene Kit for X5 Earmuff Models, 1 Pr	10 EA
393-3005-2	0007837166836 5	X4/X5 Probed Test Cushions	2 PR



### 3M™ PELTOR™ Optime™ 105 Earmuff

Optime™ 105 Earmuff is a high performance hearing protector and has been developed for use in extremely noisy environments. Proprietary dual-cup design and soft, foam-filled cushions provide high attenuation and outstanding comfort.



- Neckband \_\_\_\_\_
- Hard Hat Attached \_\_\_\_\_
- Hygiene Kit \_\_\_\_\_

Product #	UPC #	Abbreviated Description	Case Qty
H10A	10093045081018	Over-the-Head Dual Cup Earmuff, NRR 30 dB*	10 EA
H10A HV	10093045981721	Over-the-Head Bright Green Dual Cup Earmuff, NRR 30 dB*	10 EA
H10B	10093045081025	Behind-the-Head Dual Cup Earmuff, NRR 29 dB*	10 EA
H10P3E	10093045081032	Hard Hat Attached Dual Cup Earmuff, NRR 27 dB*	10 EA
H10P3E-01	10093045978301	Hard Hat Attached Dual Cup Electrically-Insulated Earmuff, NRR 27 dB*	10 EA
HY10	10093045081049	Hygiene Kit 1 Pr Cushions/1 Pr Foam Inserts for H10 Series	20 KITS

### 3M™ PELTOR™ Optime™ 101 Earmuff

Optime™ 101 Earmuff is a suitable choice for environments with substantial industrial noise or construction machinery, airports and agricultural work. Soft, wide ear cushions and stainless steel band allow for even pressure and extra comfort.



- Electrically-Insulated Model Available \_\_\_\_\_
- Neckband \_\_\_\_\_
- Hard Hat Attached \_\_\_\_\_
- Hygiene Kit \_\_\_\_\_

Product #	UPC #	Abbreviated Description	Case Qty
H7A	10093045 08071 4	Over-the-Head Green Earmuff, NRR 27 dB*	10 EA
H7B	10093045 08072 1	Behind-the-Head Green Earmuff, NRR 26 dB*	10 EA
H7P3E	10093045 08073 8	Hard Hat Attached Green Earmuff, NRR 24 dB*	10 EA
H7P3E-01	07318640 05165 2	Hard Hat Attached Electrically Insulated Green Earmuff, NRR 24 dB*	10 EA
HY7	10093045 08770 6	Replacement Hygiene Kit for H7 Type Hearing Protectors	20 KITS

### 3M™ PELTOR™ Optime™ 98 Earmuffs

Stainless steel headband construction resists bending and warping. Earcup pivot points tilt for comfort and efficiency.



- Hard Hat Attached \_\_\_\_\_
- Hygiene Kit \_\_\_\_\_

Product #	UPC #	Abbreviated Description	Case Qty
H9A	10093045 08091 2	Over-the-Head Yellow Earmuff, NRR 25 dB*	10 EA
H9P3E	10093045 08093 6	Hard Hat-Attached Yellow Earmuff, NRR 23 dB*	10 EA
HY3	07318640 05161 4	Replacement Hygiene Kit 1 Pr Cushions/1 Pr Foam Inserts for H9 and H31 Type Hearing Protectors	20 KITS

### 3M™ PELTOR™ Optime™ 95 Earmuff

Optime™ 95 earmuffs feature low profile earcups to make them easy to use with other safety gear. Stainless steel bands resist bending and warping. Multi-position designs available. Developed for use in low noise environments.



- Neckband \_\_\_\_\_
- Folding Headband \_\_\_\_\_
- Hard Hat Attached \_\_\_\_\_
- Hygiene Kit \_\_\_\_\_

Product #	UPC #	Abbreviated Description	Case Qty
H6A/V	10093045 08061 5	Low Profile Over-the-Head Beige Earmuff, NRR 21 dB*	10 EA
H6B/V	10093045 08062 2	Low Profile Behind-the-Head Beige Earmuff, NRR 21 dB*	10 EA
H6F/V	10093045 08063 9	Low Profile Folding Beige Earmuff, NRR 21 dB*	10 EA
H6P3E/V	10093045 08065 3	Low Profile Hard Hat-Attached Beige Earmuff, NRR 21 dB*	10 EA
HY6/V	07318640 05169 0	Replacement Hygiene Kit 1 Pr Cushions/1 Pr Foam Inserts for H6 Type Hearing Protectors	20 KITS



### 3M™ PELTOR™ H31 Earmuffs

The earmuff is ultra light and features bright orange cups for added visibility. This versatile, over-the-head earmuff has a stainless steel headband that resists bending and warping. The earcups help provide comfort with pivot points that tilt for enhanced adjustability. The ear cup is designed with a thinner profile at the top of the cup to help improve the fit with other personal protection equipment like hard hats.



Hard Hat Attached \_\_\_\_\_  
Hygiene Kit \_\_\_\_\_

Product #	UPC #	Abbreviated Description	Case Qty
H31A	07318640 05164 5	Over-the-Head Orange Earmuff NRR 24 dB*	10 EA
H31P3E	07318640 05163 8	Hard Hat-Attached Orange Earmuff NRR 23 dB*	10 EA
HY3	10093045 08770 6	Replacement Hygiene Kit for H9 and H31 Type Hearing Protectors	20 KITS

### 3M™ PELTOR™ Push-to-listen Earmuffs

Push-to-listen earmuffs allow workers to listen to conversations in noisy backgrounds without lifting their earmuffs. Listeners simply press the button to boost the volume of conversation and other sounds for 30 seconds. Designed for workers in environments where intermittent face-to-face communication is required.



Hard Hat Attached \_\_\_\_\_  
Hygiene Kit \_\_\_\_\_

Product #	UPC #	Abbreviated Description	Case Qty
H7A-PTL	10093045 98169 1	PTL Over-the-Head Earmuff NRR 26 dB*	10 EA
H7P3E-PTL	10093045 98170 7	PTL Hard Hat Attached Earmuff NRR 25 dB*	10 EA

### 3M™ PELTOR™ H505B Welding Earmuff

This welding earmuff features a low-profile design that fits comfortably under most welding helmets, as well as a semi-soft cup surface that minimizes scratch sound transmission. With a two-point suspension for balanced pressure distribution, this advanced earmuff delivers the comfortable hearing protection that professionals need in a wide range of welding environments.



Neckband \_\_\_\_\_  
Hygiene Kit \_\_\_\_\_

Product #	UPC #	Abbreviated Description	Case Qty
H505B	100 93045 93640 0	Welding Earmuff NRR 17 dB*	10 EA
HY505	100 93045 93641 7	Hygiene Kit	10 EA

### 3M™ E-A-R™ Earmuff Model 3000

This earmuff combines excellent attenuation with comfortable durability. It helps provide a protective seal without excess pressure. Pivoting earcup connections help maintain the seal and proper alignment.



- ▶ Headband may be worn over the head, behind the head, or under the chin
- ▶ Noise Reduction Rating NRR 25 dB\* when the band is worn over the head; NRR 26 dB\* when the band is worn under the chin; NRR 26 dB\* when band is worn behind the head

Electrically Insulated \_\_\_\_\_  
Hygiene Kit \_\_\_\_\_

Product #	UPC #	Abbreviated Description	Case Qty
330-3001	10080529 30000 0	Model 1000 Earmuff	24 EA
331-3010	10080529 31007 8	Replacement Earmuff Cushions	150 PR

### 3M™ E-A-R™ Earmuff Model 2000H

Mounts to most hard hats without an adaptor and easily swings out of the way when not in use.



- ▶ Lightweight, durable plastic construction
- ▶ Works with most slotted hard-hats
- ▶ NRR 21 dB\*

Electrically Insulated \_\_\_\_\_  
Hard Hat Attached \_\_\_\_\_  
Hygiene Kit \_\_\_\_\_

Product #	UPC #	Abbreviated Description	Case Qty
330-3031	10080529 30013 0	Model 2000H Hard Hat-Attached Earmuff NRR 21 dB*	24 EA
331-3010	10080529 31007 8	Replacement Earmuff Cushions	150 PR

### 3M™ E-A-R™ Earmuff Model 1000

Low-profile, lightweight earmuffs may be worn with headband over the head, behind the head, or under the chin. Pivoting earcup connections help maintain the seal and proper alignment.



- ▶ Durable, lightweight construction
- ▶ Noise Reduction Rating NRR 20 dB\* when the band is worn over the head; NRR 22 dB\* when the band is worn under the chin; NRR 22 dB\* when band is worn behind the head

Electrically Insulated \_\_\_\_\_  
Hygiene Kit \_\_\_\_\_

Product #	UPC #	Abbreviated Description	Case Qty
330-3001	10080529 30000 0	Model 1000 Earmuff	24 EA
331-3010	10080529 31007 8	Replacement Earmuff Cushions	150 PR

# Smart Communication Solutions

3M™ PELTOR™ Products have a broad selection of communication solutions with a variety of hearing protectors for work groups operating in high-noise environments. 3M™ PELTOR™ Communication Headsets are designed to help you hear and communicate effectively while reducing potentially hazardous noise.

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## 3M™ PELTOR™ Tactical Earplug, TEP-100

The 3M™ PELTOR™ Tactical Earplug helps protect your hearing, helps improve situational awareness, and helps improve communications in challenging environments. Integrated with state-of-the-art level dependent technology the TEP-100 earplug helps provide hearing protection in elevated sound pressure level applications and situational awareness in quiet environments.

- ▶ Earplugs recharge while in the case and provide up to 16 hours of continuous operation
- ▶ Intuitive one button operation turns unit on, off, and selects between two amplification settings
- ▶ Replaceable communications eartip helps provide hearing protection in noisy environments
- ▶ Microphone port is covered and flush to help minimize wind noise disturbances



### Level-Dependent Technology

#### Listen Only

Product #	UPC #	Abbreviated Description	Case Qty
TEP-100	00078371665258	Tactical Earplug Kit	1 EA
TEP-CORD	10093045937834	Tactical Earplug Replacement Cord	5 EA/BOX
TEP-100E	00078371665234	Replacement Earpiece	1 EA
TEP-100C	00078371665241	Tactical Earplug Replacement Case	1 EA
TEP-WINDSCREEN	93045938117	Foam Windscreen for TEP-100	1 Sheet/15 Pair
CCC-GRM-25	10078371670587	Triple-C Communication Eartips, NRR 27 dB*	25 PR

## 3M™ PELTOR™ E-A-Rbud™ Headphones

Combining hearing protection with clear sound reproduction, 3M™ PELTOR™ E-A-Rbud™ Headphones allows users to listen to a wide variety of audio devices while reducing potentially harmful external noise. When employees have their favorite sounds at their fingertips, they're more likely to wear hearing protection.

- ▶ MP3 player compatible (devices with a 3.5mm stereo audio jack - smartphone, iPod®, iPad®, etc.)
- ▶ Audio muting option lets you shut off the sound at a touch
- ▶ Two styles of eartips included
- ▶ Output audio limited to a maximum sound pressure level (SPL) of 82 dBA



UltraFit™ Replacement  
Communication Eartips

Skull Screws™ Replacement  
Communication Eartips

### Listen Only

Product #	UPC #	Abbreviated Description	Case Qty
EARbud2600N	10093045936448	E-A-Rbud™ Headphones	1 PR
370-1019-10	10093045936455	Skull Screws™ Communication Eartips, NRR 29 dB*	10 PR
MSC-YLM-25	0078371668393	Skull Screws™ Metal Detectable Communication Eartips, NRR 29 dB*	25 PR
420-2096-25A	10093045935311	UltraFit™ Communication Eartips, NRR 20 dB*	25 PR
CCC-GRM-25	10078371670587	Triple-C Communication Eartips, NRR 27 dB*	25 PR

\* See important warning on fit testing and NRR derating on last page



### 3M™ PELTOR™ WorkTunes™ Pro AM/FM Radio Headset

The new WorkTunes™ Pro Headset makes it easy to stay protected and productive with your favorite music, audiobook or podcast. Designed by 3M™ PELTOR™ for rugged work environments, the WorkTunes™ Pro Headset combines professional-grade durability with lightweight comfort for all-day wearability.

- ▶ Available in both headband and hard hat-attached configurations
- ▶ Rugged, dual-shell design helps protect electronics from moisture
- ▶ Lightweight design
- ▶ User-friendly controls eliminate dials
- ▶ Connect smart phone, radio, shoulder mic or other external device (listen-only) with 3.5 mm stereo input
- ▶ Stainless steel wire headband offers comfortable and consistent pressure
- ▶ Integrated antenna helps protect against snags
- ▶ Full one-year product warranty
- ▶ Two AA batteries provide approximately 40 hours of continued use. Headset powers off after 4 hours of non-use to conserve batteries. Audio alert when battery is low
- ▶ Keep headset in proper working order with replacement cushions and foam liners (hygiene kit available separately)
- ▶ Noise attenuating ear cups help provide hearing protection in environments with potentially hazardous noise



- Hard Hat Attachment
- Listen Only
- Hygiene Kit

Product #	UPC #	Abbreviated Description	Case Qty
HRXS221A-NA	078371670863	WorkTunes™ Pro AM/FM Radio Headset, black, headband, NRR 26 dB*	1 EA
HRXS221P3E-NA	078371670887	WorkTunes™ Pro AM/FM Radio Headset, black, hard hat-attached, NRR 23 dB*	1 EA
HY220	4054596206311	HY220 Hygiene Kit	1 KIT
FL6CE/1	7318640054929	FL6CE/1 3.5 mm Cable	1 EA
HY100A	093045981380	HY100A CLEAN HYGIENE PAD	1 EA

### 3M™ PELTOR™ Tactical 6-S/SoundTrap Headsets

The Tactical 6-S and SoundTrap headsets help provide comfortable hearing protection for users working in high-noise environments while providing environmental listening. Slim earcups are designed for extended-wear comfort and have separate microphone, receiver, amplifier and volume controls for true stereophonic sound. The small, durable and compact design folds for easy storage.

- ▶ Helps reduce exposure to hazardous sounds
- ▶ Slimline earcup design compatible with many military and law enforcement helmets
- ▶ Small, compact and foldable for easy storage
- ▶ Level dependent function for environmental listening, limited to 82 dBA

- Environmental Listening
- Neckband
- Folding Headband
- Hygiene Kit



SoundTrap Headset



Tactical 6-S Headset

Product #	UPC #	Abbreviated Description	Case Qty
MT15H67FB	07318640002401	SoundTrap Headset, Headband, NRR 21 dB*	1 EA
MT15H67FB-01	07318640002531	Tactical 6-S Headset, Headband, NRR 20 dB*	1 EA
MT15H67BB	10093045933478	SoundTrap Headset, Neckband, NRR 17 dB*	1 EA



### 3M™ PELTOR™ ProTac™ III Headset

You know that wearing hearing protection in noisy environments is important for worker safety. But it is also to be able to hear alarms, vehicles and effectively communicate with other workers. The 3M™ PELTOR™ ProTac™ III Headset utilizes level-dependent technology to block out potentially harmful noise when needed and still listen normally when not. Designed by 3M™ PELTOR™ for rugged work environments, the ProTac™ III Headset combines professional-grade durability with lightweight comfort for all-day wearability. It's everything you've grown to expect from PELTOR™ and all at an introductory price.

- ▶ Available in both headband and hard hat attached configurations
- ▶ Rugged, dual-shell design helps protect electronics from moisture
- ▶ Lightweight design
- ▶ User-friendly buttons minimize accidental adjustments that are common with dials
- ▶ Connect smart phone, radio, shoulder mic or other external device (listen-only) with 3.5 mm stereo input
- ▶ Stainless steel wire headband offers comfortable and consistent pressure
- ▶ Noise attenuating ear cups help provide hearing protection in environments with potentially hazardous noise
- ▶ Full one-year product warranty
- ▶ Two AA batteries provide approximately 100 hours of continued use. Headset powers off after 4 hours of non-use to conserve batteries. Audio alert when battery is low.
- ▶ Keep headset in proper working order with replacement cushions and foam liners (hygiene kit available separately)
- ▶ Environmental microphones for level-dependent hearing protection and ambient listening

- Environmental Listening
- Hard Hat Attachment
- Hygiene Kit



3M™ PELTOR™ ProTac™ III Slim Headset



3M™ PELTOR™ ProTac™ III Headset

Product #	UPC #	Abbreviated Description	Case Qty
MT13H220A	UU004637789	ProTac™ III Slim Headset, black, headband, NRR 21 dB*	1 EA
MT13H220P3E	UU004637771	ProTac™ III Slim Headset, black, hard hat-attached, NRR 19 dB*	1 EA
MT13H221A	UU004690622	ProTac™ III Headset, black, headband, NRR 26 dB*	1 EA
MT13H221P3E	UU004690614	ProTac™ III Headset, black, hard hat-attached, NRR 23 dB*	1 EA
HY220	UU008049353	HY220 Hygiene Kit	1 KIT
FL6CE/1	XH001676952	FL6CE/1 3.5 mm Cable	1 EA
HY100A	XH001651351	HY100A Clean Hygiene Pad	1 EA

### 3M™ PELTOR™ ProTac™ Hunter & ProTac™ Shooter Headsets

#### Hearing protection and situational awareness

The 3M™ PELTOR™ ProTac™ Hunter and the ProTac™ Shooter Headsets come loaded with smart technology. By utilizing level-dependent technology, these headsets block out potentially harmful noise when needed and still allow you to listen normally when not. So you can more effectively listen and communicate with your surroundings, hunting team or range officer. Designed by 3M™ PELTOR™ for rugged hunting and shooting environments, the ProTac™ III Headset combines professional-grade durability with lightweight comfort for all-day wearability.

#### Features and Benefits

- ▶ Stainless steel wire headband offers comfortable and consistent pressure
- ▶ Rugged dual-shell design helps protect electronics from moisture
- ▶ Lightweight design
- ▶ User-friendly controls eliminate dials
- ▶ Connect smart phone, radio, shoulder mic or other external device (listen-only) with 3.5 mm stereo input
- ▶ Noise attenuating ear cups help provide hearing protection in environments with potentially hazardous noise
- ▶ Full one-year product warranty
- ▶ Two AA batteries provide approximately 100 hours of continued use. Headset powers off after 4 hours of non-use to conserve batteries. Audio alert when battery is low
- ▶ Keep headset in proper working order with replacement cushions and foam liners (hygiene kit available separately)
- ▶ Level-dependent microphones with 5 sound levels for ambient listening

- Environmental Listening
- Hygiene Kit



ProTac™ Hunter Headset



ProTac™ Shooter Headset

Product #	UPC #	Abbreviated Description	Case Qty
MT13H222A	4054596123120	ProTac™ Hunter Headset, green, headband, NRR 21 dB*	1 EA
MT13H223A	4054596123151	ProTac™ Shooter Headset, green, headband, NRR 26 dB*	1 EA
HY220	4054596206311	HY220 Hygiene Kit	1 KIT
FL6CE/1	7318640054929	FL6CE/1 3.5 mm Cable	1 EA
HY100A	093045981380	HY100A Clean Hygiene Pad	1 EA



### 3M™ PELTOR™ Tactical Sport™ Headsets

Tactical Sport headsets help provide a natural, realistic sound, giving users the fastest shut-off and recovery time of any shooter earmuff we've ever made. Our sound amplification boosts your ability to hear low level environmental sounds, while still instantly attenuating dangerous noises, like gunfire, to lower listening levels.

- ▶ Contoured cups for better stock-weld and sight picture
- ▶ Automatic shut-off (2 hour) to conserve battery life
- ▶ Interchangeable orange cups (on the 479 version)
- ▶ Amplifies low level environmental sounds
- ▶ Digital Sound Suppression technology



- Level-Dependent Technology
- Folding Headband
- Listen Only/Lightweight
- Hygiene Kit

Product #	UPC #	Abbreviated Description	Case Qty
MT16H210F-479-SV	XH001678479	Tactical Sport™ Electronic Headset, NRR 20 dB* (Orange Cups also included)	1 EA
MT16H210F-SV	70071558608	Tactical Sport™ Military Communications Headset, NRR 20 dB*	1 EA

### 3M™ PELTOR™ TacticalPRO™ Headsets

This headset helps provide clear, environmental sound and helps make communication easier in noisy environments. The headset amplifies low-level sounds while suppressing dangerous impulse noise\*.

- ▶ Uses deep earcup design and soft ear cushions for extended wear comfort



- Level-Dependent Technology
- Neckband
- Folding Headband
- Hard Hat Attachment
- Hygiene Kit

Product #	UPC #	Abbreviated Description	Case Qty
MT15H7B SV	70071523388	TacticalPRO™ Communications Headset, Neckband, NRR 25 dB*	1 EA
MT15H7F SV	70071523404	TacticalPRO™ Communications Headset, Headband, NRR 26 dB*	1 EA
MT15H7P3E SV	70071523412	TacticalPRO™ Communications Headset, Hard Hat Attachment, NRR 22 dB*	1 EA

CAUTION! When worn according to the User Instructions, these hearing protectors help reduce exposure to both continuous noises, such as industrial noises and noises from vehicles and aircraft, as well as very loud impulse noises, such as gunfire. It is difficult to predict the required and/or actual hearing protection obtained during exposure to impulse noises. For gunfire, the weapon type, number of rounds fired, proper selection, fit and use of hearing protection, proper care of hearing protection, and other variables will impact performance. If your hearing seems dulled or you hear a ringing or buzzing during or after any noise exposure (including gunfire), or for any other reason you suspect a hearing problem, your hearing may be at risk. To learn more about hearing protection for impulse noise, visit [www.3M.com/hearing](http://www.3M.com/hearing).

### 3M™ PELTOR™ WS™ 100 Headsets

The new WS™ series headsets combine hearing protection with the latest in Bluetooth® wireless technology and make it easy for workers to communicate, listen to music and talk on the phone. They help improve awareness by amplifying lower volume sounds like voices, while attenuating higher volume workplace sounds. These innovative headsets offer protection and help enhance worker safety by making it easier to hear regular speech, warning signals and approaching vehicles.

- ▶ Noise-canceling electret boom microphone included
- ▶ Microphone built into front of right earcup for operational use without using the boom microphone
- ▶ Environmental listening cup microphone technology
- ▶ 2 AAA rechargeable batteries and charger included
- ▶ Input sound control and audio limiting technology to 82 dB (SPL)



- Level-Dependent Technology
- Folding Headband
- Hard Hat Attachment
- Bluetooth® Compatible
- Hygiene Kit

Product #	UPC #	Abbreviated Description	Case Qty
MT16H21FWS5UM580	093045 93551 2	WS™ 100 Communications Headset, NRR 20 dB	1 EA
MT16H21PWS5UM580	0404671 966819 9	WS™ 100 Communications Hard Hat Attachment, NRR 20 dB	1 EA

### 3M™ PELTOR™ WS™ Tactical Sport™ Headset

The WS™ Tactical Sport™ headset allows you to better control what you hear – and don't hear. You can easily adjust the volume of surrounding sounds and be protected from harmful noise levels.\* The Bluetooth® solution makes it possible for wireless connection to a mobile phone or other device for instant and discreet communication.

- ▶ Microphone built into front of right earcup
- ▶ Environmental listening cup microphone technology
- ▶ 2 AAA rechargeable batteries and charger included
- ▶ Input sound control and audio limiting technology to 82 dB (SPL)



- Level-Dependent Technology
- Folding Headband
- Bluetooth® Compatible
- Hygiene Kit

Product #	UPC #	Abbreviated Description	Case Qty
MT16H21FWS5U-584	093045 93550 5	WS™ Tactical Sport™ Communications Headset, NRR 20 dB*	1 EA

# More Smart Communication Solutions.

Noise can create unique challenges for your workforce, and 3M™ PELTOR™ products offer innovative solutions that make it easier for your team to communicate in high-noise environments.

Our dedication to developing communication solutions began over 40 years ago. Today we offer an extensive range of personal safety headsets and 2-way radio accessories for use in manufacturing, construction, shooting, racing, law enforcement and military environments.

From our tactical hearing protectors to our self-contained 2-way radio headsets, 3M™ PELTOR™ products deliver the quality and performance needed for clear communication in high noise environments. Our products incorporate the latest technological advances in electronics, materials and design.

**3M™ PELTOR™: Innovative products. Clear communication. Professional comfort.**

**Learn more at [3M.com/PELTOR](https://www.3m.com/PELTOR)**





# Fit Testing Made Easy

**3M™ E-A-Rfit™ Dual-Ear Validation System** utilizes F-MIRE technology to measure and obtain an objective, quantitative level of employee hearing protection in just 5 seconds per ear. Workers receive their own personal attenuation rating (PAR) and learn how correctly inserting earplugs can increase their level of protection.

## E-A-Rfit™

### 3M™ E-A-Rfit™ Dual-Ear Validation System

Get results you can trust. The E-A-Rfit™ Dual-Ear Validation System measures the effectiveness of the hearing protection from inside the employee's ear, providing accurate, quantitative results. And because you can simultaneously test both ears, you'll have more time to educate employees on the importance of fit and compliance.



- ① **Fit.**  
Have the employee insert their earplugs or put on their earmuffs.
- ② **Test.**  
Connect to microphones and begin speaker test sound.
- ③ **Assess.**  
Use PAR to customize hearing protector selection.

### The challenge of hearing protection.

#### How do you know if your workforce is protected?

Protecting workers from hazardous noise levels is an ongoing challenge for many organizations. In fact, according to the U.S. Bureau of Labor Statistics (2014), the most commonly recorded occupational illness in the manufacturing sector is permanent hearing loss. The success of your safety program depends on many factors and requires more than just offering hearing protection.

#### Individual Fit Testing Using F-MIRE

Using F-MIRE (Field Microphone-In-Real-Ear) technology, the E-A-Rfit™ Dual-Ear Validation System generates a Personal Attenuation Rating (PAR) less than 5 seconds for both ears, taking into account the seven standard measured testing frequencies.

- ▶ Measures how well 3M's most popular earplugs, earmuffs and communications headsets perform
- ▶ Delivers a quantitative measurement of personal noise reduction for each employee
- ▶ Can help identify whether or not the employee has adequate protection



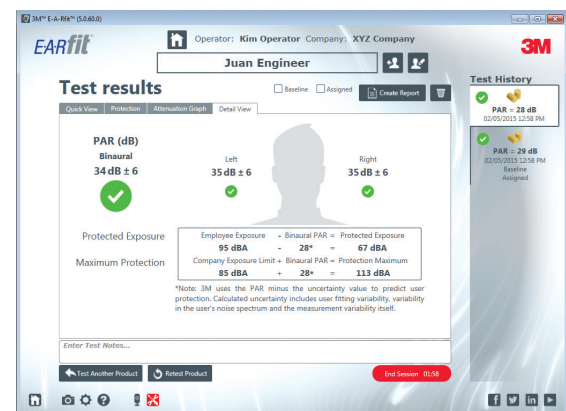


## 3M™ E-A-Rfit™ Dual-Ear Validation System

### Employee-to-Employee Variability

To make sure they are getting the protection they need, you need to know the Personal Attenuation Rating (PAR) of every employee. The highest-NRR earplug or earmuff won't provide the expected protection if it doesn't fit right or isn't used right. Once you know each employee's number, you'll be on the way to yours: 100% confidence in your hearing conservation program.

Every employee is different. Every job is different. Every ear is different. Finding each employee's number will help you validate compliance and have assurance that their hearing protection is sufficient.



### Program Documentation

E-A-Rfit Dual-Ear Validation System testing sessions produce a validation document that can be kept in each employee's file, providing documentation of your commitment to training and compliance with OSHA hearing conservation program guidelines.

- ▶ Features easy-to-read test results for both ears as well as testing history
- ▶ Creates digital and printable reports for both employee and company records
- ▶ Provides a direct measurement of noise reduction in decibels
- ▶ Provides an estimate of test variability

NOTE: Finding out each employee's PAR is the first step to a successful conservation program. Once a worker's PAR is measured, you can determine if they're using the right hearing protection and ensure they're trained on using it properly.

**10 dB**  
Right

#### Fail.

A "fail" result means the hearing protection either does not fit properly or is the wrong type or size for the worker's ear canal.



**29 dB**  
Left

#### Pass.

A "pass" result means the hearing protection fits properly and provides sufficient protection for the worker's specific job.

These earplug styles cover fit validation testing for more than 90 different 3M earplug and earmuff products.



Product #	UPC #	Abbreviated Description	Case Qty
393-1000	10080529 19023 6	E-A-Rfit™ Kit – Validation System includes the Software, Speaker and Impact-Resistant Carrying Case	1 KIT
393-2000-50	10080529 19073 1	E-A-Rsoft™ Yellow Neons™ Probed Test Plugs	50 PR
393-2001-50	10080529 19074 8	UltraFit™ Probed Test Plugs	50 PR
393-2002-50	10080529 19075 5	Push-Ins™ Probed Test Plugs	50 PR
393-2003-50	10080529 19076 2	Classic™ Probed Test Plugs	50 PR
393-2004-50	10080529 19077 9	E-A-Rsoft™ FX™ Probed Test Plugs	50 PR
393-2005-50	10080529 19078 6	E-Z-Fit™ Probed Test Plugs	50 PR
393-2006-50	10080529 19079 3	TaperFit™ Probed Test Plugs	50 PR
393-2007-50	10080529 19080 9	Classic™ Small Probed Test Plugs	50 PR
393-2008-50	10080529 19081 6	Express™ Probed Test Plugs	50 PR
393-2009-50	10080529 19082 3	Classic™ Plus™ Probed Test Plugs	50 PR
393-2010-50	10080529 19087 8	Model 1100 Probed Test Plugs	50 PR
393-2011-50	10093045 93712 4	Tri-Flange™ Probed Test Plugs	50 PR
393-2012-50	10093045 93713 1	Skull Screws™ Probed Test Plugs	50 PR
393-2013-50	10093045 93748 6	No-Touch™ Probed Test Plugs	50 PR
393-2014-50	00078371 65949 3	E-A-Rsoft™ Yellow Neons™ Large Probed Test Plugs	50 PR
393-2015-50	00078371 66039 0	Push-Ins™ with Grip Rings Test Plugs	50 PR
393-2018S-50	10078371 66757 0	Combat Arms™ 4.0 Small Probed Test Plugs	50 PR
393-2018M-50	10078371 66758 7	Combat Arms™ 4.0 Medium Probed Test Plugs	50 PR
393-2018L-50	10078371 66759 4	Combat Arms™ 4.0 Large Probed Test Plugs	50 PR
393-2020-50	10078371 66760 0	Caps Probed Test Plugs	50 PR
393-3001-2	0007837166834 1	X1/X2 Earmuffs and Optime™ Series Earmuffs, 95, 98, 101 Probed Test Cushion B	2 Pair
393-3003-2	0007837166835 8	X3 Earmuffs Probed Test Cushion C	2 Pair
393-3005-2	0007837166836 5	X4/X5 Earmuffs Probed Test Cushion D	2 Pair
393-3004-2		Optime™ 105 Earmuffs, H10A, H10P3E Probed Test Cushion A	2 Pair

To learn more, visit [3M.com/EARfit](http://3M.com/EARfit).

# The tools you need to help you manage a successful hearing conservation program.

## 3M™ Hearing Solutions

When you're committed to hearing loss prevention, your employees are more likely to share your dedication and protect their hearing. With world-class, proven detection, protection, communication and validation products, 3M™ Hearing Solutions is the partner you'll want with you every step of the way.

### WARNING

#### Hearing Protection Products\*

These hearing protectors help reduce exposure to hazardous noise and other loud sounds. Misuse or failure to wear hearing protectors at all times that you are exposed to noise may result in hearing loss or injury. For proper use, see supervisor, User Instructions, or call 3M™ PSD Technical Service in the USA at 800-243-4630. If there is any drainage from your ear or you have an ear infection, consult with your physician before wearing earplugs. Failure to do so may result in hearing loss or injury.

### WARNING

#### Noise Reduction Rating (NRR):

\* 3M strongly recommends fit testing of hearing protectors. Research suggests that many users will receive less noise reduction than indicated by the NRR due to variation in hearing protector fit, fitting skill and motivation of the user. If the NRR is used to estimate typical workplace protection, 3M recommends that the NRR be reduced by 50% or in accordance with applicable regulations.

### CAUTION!

When worn according to the User Instructions, these hearing protectors help reduce exposure to both continuous noises, such as industrial noises and noises from vehicles and aircraft, as well as very loud impulse noises, such as gunfire. It is difficult to predict the required and/or actual hearing protection obtained during exposure to impulse noises. For gunfire, the weapon type, number of rounds fired, proper selection, fit and use of hearing protection, proper care of hearing protection, and other variables will impact performance. If your hearing seems dulled or you hear a ringing or buzzing during or after any noise exposure (including gunfire), or for any other reason you suspect a hearing problem, your hearing may be at risk. To learn more about hearing protection for impulse noise, visit [www.3M.com/hearing](http://www.3M.com/hearing).



3M Personal Safety Division  
3M Center, Building 235-2NW-70  
St. Paul, MN 55144-1000  
[3M.com/Hearing](http://3M.com/Hearing)

For More Information  
Technical Service 1-800-243-4630  
Customer Service 1-800-328-1667

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