

# Hearing Protection

**Earmuffs** Simply a traditional method of "hearing" protection. Today's range of earmuff cope with very wide spectrum of industrial hazards. It is important to study the attenuation characteristic of each model as they do vary in performance across the range of sound frequency

**Helmet Slotted Earmuffs** These all - in - one head & hearing protection are popular among safety officers. Today's models are styled to be sensibly "parked" when not in use

**Earplugs** Can be worn conveniently with all other PPE equipments. Easy to use with attenuation provided often exceed that of an earmuff. Both disposal & re-usable earplug provide excellent protection with long term comfort

**Standards** Earmuffs and earplugs are tested according to the relevant European standards or American Standards

- ➔ EN352-1 Earmuffs
- ➔ EN352-2 Earplugs
- ➔ EN352-3 Helmet Slotted Earmuff
- ➔ ANSI S3.19 Measurement of Real-Ear Hearing Protector Attenuation and Physical Attenuation of Ear-Muffs
- ➔ Most hearing specialists agree: You can damage your hearing if you're continually exposed to noise greater than 85 decibels over eight hours. As noise levels rise above 85 decibels, the safe exposure time for unprotected ears falls dramatically. For example, 110-decibel noise can impair hearing in just 15 minutes of exposure.

**SNR (Single Number Rating)** SNR is a single-number rating which is calculated in accordance with ISO 4846 2.2 (1992). "Estimation of effective A-weighted Sound Pressure Levels when Hearing Protectors are Worn". Normally used by European Standard

**NRR (Noise Reduction Rating)** NRR is required by US law to be shown on the label of each hearing protection sold in United States

**Difference Between SNR and NRR** The main difference is the SNR is calculated using a single standard deviation while NRR formula deducts two standard deviation



Helmet Slotted Earmuff

CE EN 352-3 SNR: 27dB

\* Helmet excluded



PC06SE

BGVH/SI-1/PC06SE

BGVH/SI-2/PC06SE

BGVH/SI-1 S5/PC06SE

**Helmet Slotted Earmuff**

Model :

PC06SE  
 BGVH/SI-1/PC06SE  
 BGVH/SI-2/PC06SE  
 BGVH/SI-1 S5/PC06SE

- Lightweight, comfortable helmet mounted earmuff that deliver a high attenuation level performance to address difficult noise situation
- These Slotted earmuffs can be use with a wide range of Proguard Safety Helmet
- Earmuff cups should snap in place during use & swing back when not in use
- PC06SE can be perfectly fitted with Safety Helmet, Helmet Visor Carrier BGVH with series FC 48 or Series SV-1 visors to provide complete head, face and hearing protection
- SNR: 27dB
- Comply to EN 352-3

Packaging : 1 pr/box, 24prs/carton

Vito Earmuff

CE EN 352-1 SNR: 27dB



A-606-Y

A-606-R

A-606-B

**Vito Earmuff**

Model :

A-606-Y / A-606-R / A-606-B

- This lightweight earmuff with soft foam-filled cushions provides a good seal for protection against harmful noise & sound
- Adjustable contoured headband with soft pad provides comfortable fit and all round protection for both short & long spell of exposure
- Can be worn in three position
- SNR: 27dB
- Comply to EN 352-1, JKKP EM 164/04

Packaging : 1 pr/box, 20prs/carton

## Eco Earmuff

CE EN 352-1 SNR: 22dB



A-609-B



A-609-BLK



A-609-R

### Eco Earmuff

Model :

A-609-B / A-609-BLK / A-609-R

- This comfortable earmuff offer quality noise reduction at an affordable price.
- Extremely lightweight, non-conductive plastic construction and fully adjustable contoured headband for user comfort.
- Pivoting cup attachment for equal pressure distribution.
- Can be worn in three positions
- SNR : 22db
- Comply to EN352-1, JKKP EM 1.51/04

Packaging : 1 pr/box, 20prs/carton

## Infinity Earmuff & Millennium Earmuff

CE EN 352-1 SNR: 29dB



### Infinity Earmuff

Model :

PC-03EM

- Padded headband allows easy adjustment to fits most head size comfortably.
- Soft, foam padded ear cups allows a comfortable fit even when wearing safety eyewear
- Rugged construction provides durability in wide range of environments.
- Lightweight for long wearing comfort.
- Can be worn in three positions.
- SNR : 29db
- Comply to EN352-1

Packaging : 1 pr/polybag, 25prs/carton

CE EN 352-1 SNR: 30dB



EM-918-B



EM-918-GR

### Millennium Earmuff

Model :

EM-918-B / EM-918-GR

- This earmuff achieve high rating for superior comfort & secure fit with high attenuation making it extremely functional.
- Soft foam - filled cushions provide a good seal for protection against harmful noise & sound.
- Ensure protection at both high and low frequencies.
- Can be worn in three positions.
- SNR : 30db
- Comply to EN352-1, JKKP EM 1.51/04

Packaging : 1 pr/polybag, 20prs/carton

## Foldable Earmuff

CE EN 352 SNR: 28dB



### Ultra Foldable Earmuff

Model:  
PC05FEM

- Provide optimum comfort with excellent protection, excellent seal properties, good fit & low surface pressure.
- Designed for intermittent noise and for those who frequently enter & exit high noise environment.
- Super compact size and folding capabilities makes this earmuff convenient to store anywhere when not in use.
- SNR: 28dB
- Comply to EN352

Packaging: 1 pr/box, 20 prs/carton

CE EN 352-1 SNR: 30dB



### Squaro Foldable Earmuff

Model:  
PC08FEM

- Provide optimum comfort with excellent protection, excellent seal properties, good fit & low surface pressure.
- Padded headband allows easy adjustment to fit most head sizes comfortably.
- Designed for intermittent noise and for those who frequently getting in & out of high noise environment.
- Super compact size and folding capabilities makes this earmuff convenient to store anywhere when not in use.
- SNR: 30dB
- Comply to EN352-1

Packaging: 1 pr/box, 20 prs/carton

## Economic Foldable Earmuff

NNR: 19dB



BK816-21Y

BK816-21R

### Economic Foldable Earmuff

Model :  
BK816-21Y /  
BK816-21R

- Soft foam - filled cushion fits comfortably, folding headband, lightweight provides a good seal for greater comfort & protection against harmful noise.
- Folds into compact unit for easy storage.
- Laboratory tested NRR 19db

Packaging: 1 pr/box, 50 prs/carton

NNR: 19dB



BK817-22Y

BK817-22R

### Economic Foldable Earmuff

Model :  
BK817-22Y /  
BK817-22R

- Soft foam - filled cushion with deep ear cups, folding headband, lightweight provides a good seal for greater comfort & protection against harmful noise.
- Snug and comfortable fit.
- Folds into compact unit for easy storage.
- Laboratory tested NRR 19db

Packaging: 1 pr/box, 50 prs/carton

## Supersonic II Earmuff & Supersonic III Earmuff

CE EN 352-1 SNR: 30dB



PC09H

CE EN 352-3 SNR: 29dB



PC09SE

### Supersonic II Earmuff

Model:  
PC09H /  
PC09SE

- Latest high performance earmuff with good noise reduction rating.
- Provide full spectrum attenuation, as well as superb low frequency attenuation.
- Fork style headband for even distribution of the pressure, and improved balance required for extra deep ear cups.
- Extra wide ear cushions for best comfort.
- Helmet slotted earmuffs fit to all Proguard industrial safety helmets.
- Soft padded headband with low force.
- Laboratory tested SNR: 30dB/ 29dB

Packaging: 1 pr/box, 20 prs/carton

CE EN 352-1 SNR: 30dB



PC10H

CE EN 352-3 SNR: 31dB



PC10SE

### Supersonic III Earmuff

Model:  
PC10H /  
PC10SE

- Helmet slotted earmuffs fit to all Proguard industrial safety helmets.
- Eliminates need for separate moulded earmuffs that might be uncomfortable to be wear inside the safety helmet.
- Extra wide ear cushions for best comfort.
- Provides maximum high and low frequency attenuation.
- Laboratory tested SNR: 30dB/ 31dB

Packaging: 1 pr/box, 20 prs/carton

## Reusable Earplugs

CE EN 352-2 SNR: 25dB



EP-1366



EP-1363



### Reusable Earplugs

Model:  
EP-1366 /  
EP-1363

- Excellent protection, convenience and ease of use with great value of reusability.
- Featuring the most comfortable and highest noise reduction rating earplug.
- These reusable earplug are generally affordable, can be sterilized and easily cleaned with mild soap and water for months of usage.
- Made of soft silicone material.
- Each pair comes with a cord and is supplied either with a storage case or a polybag.
- SNR: 25dB
- Comply to EN352-2

EP1363: 100 prs/box, 12 box/carton  
EP1366: 200 prs/box, 12 box/carton

**CE** EN 352-2 SNR: 21dB



Conie-3



Conie-1



### Reusable Earplugs

Model :  
Conie-3 /  
Conie-1

- These special shape earplug make insertion quick and easy for custom fit & superb comfort.
- Economical, Reusable and non-allergenic for user comfort and convenience.
- Can be sterilized and easily cleaned with mild soap and water for months of use.
- Made of soft silicone material.
- Each pair comes with a cord and is supplied with a storage case or a polybag.
- Comply to EN352-2, JKKP EP 87/04 & JKKP EP 88/04
- SNR : 21db

Conie 1 : 100prs/box, 12box/carton  
Conie 3 : 200prs/box, 12box/carton

**CE** EN 352-2 SNR: 21dB



Conie-1-OR



Conie-3-OR

### Reusable Earplugs

Model :  
Conie-1-OR /  
Conie-3-OR

- These special shape earplug make insertion quick and easy for custom fit & superb comfort.
- Economical, Reusable and non-allergenic for user comfort and convenience.
- Can be sterilized and easily cleaned with mild soap and water for months of use.
- Made of soft silicone material.
- Each pair comes with a cord and is supplied with a storage case or a polybag.
- Comply to EN352-2, JKKP EP 87/04 & JKKP EP 88/04
- SNR : 21db

Conie 1-OR : 100prs/box, 12box/carton  
Conie 3-OR : 200prs/box, 12box/carton

## Earplugs

CE EN 352-2 SNR: 23dB



Conie-6



Conie-8

### Reusable Earplugs

Model :  
Conie-6 /  
Conie-8

- Good protection, convenience and ease of use with great value of reusability.
- Featuring the most comfortable and highest noise reduction rating earplug.
- These reusable earplugs are generally affordable, can be sterilized and easily cleaned with mild soap and water for months of usage.
- Made of soft silicone material.
- Each pair comes with a cord and is supplied either with a storage case or a polybag.
- SNR : 23db
- Comply to EN352-2, JKKP EP 89/04 & JKKP EP 90/04

Conie 6 : 100prs/box, 12box/carton  
Conie 8 : 200prs/box, 12box/carton



3M-1270



3M-1271

### 3M Reusable Earplugs

Model :  
3M-1270/  
3M-1271

- These washable, reusable earplugs have triple flanged design to securely fit into the ear canal and provide reliable protection.
- Each pair comes with a cord and is supplied with a storage case or a polybag.
- NRR : 25db
- Comply to JKKP EP 76/00, JKKP EP 77/00

3M-1270 : 100prs/box, 4box/carton  
3M-1271 : 50prs/box, 4box/carton



340-4004



340-4002

### AEARO Reusable Earplugs

Model :  
340-4004 /  
340-4002

- These are free size and it is patented, pre-moulded and triple flanged earplugs.
- They are comfortable, hygienic and reusable.
- Each pair comes with a cord and is supplied either with a storage case or a polybag
- NRR : 25db
- Comply to JKKP EP 35

340 4002 : 50prs/box, 4box/carton  
340 4004 : 100prs/box, 4box/carton



## Disposable Foam Earplugs

**CE** EN 352-2 SNR: 37dB



FEP-03



FEP-03C

### Disposable Foam Earplugs

Model :  
FEP-03 /  
FEP-03C

- These soft, smooth, taper foam earplugs are moulded for maximum comfort and provide excellent noise reduction.
- Bright Orange colour for better visibility.
- Low pressure foam provides all day comfort and secure fit in a wide range of ear canal sizes.
- Dermatological safe & non-irritating.
- SNR : 37db
- Comply to EN352-2, JKKP EP 91/04 & JKKP EP 92/04

Packaging : 200prs/box, 20box/carton



3M-1100

3M-1110

### 3M Disposable Foam Earplugs

Model :  
3M-1100/  
3M-1110

- Plugs are made of soft foam that expands to fit virtually all ear canal.
- Comfortable to wear for extended periods of time.
- Each pair is individually packed into a plastic bag.
- Available in uncorded or corded.
- NRR : 29db
- JKKP EP55/05 & JKKP EP 56/05

3M-1100 : 200prs/box, 5box/carton  
3M-1110 : 100prs/box, 5box/carton

**CE** EN 352-2 SNR: 37dB



### Eurosafe Disposable Foam Earplugs with Dispenser

Model :  
FEP-03D

- Each dispenser hold 500 pairs of disposable earplug
- Specification as per FEP-03
- These earplug dispenser bottles are great way to keep the foam ear plug you need hygienically at hand.
- These bottle contain unwrapped foam earplugs, which can be easily and hygienically dispensed right into the palm of your hand.
- Ideal for industrial work areas and workshops.
- Since the ear plug aren't individually wrapped, dispenser bottles is time saving and reduce waste with no plastic packages, thus saving our environment.
- These dispensers can be refilled, making them easy to use, easy to replace, and cost-effective.
- SNR : 37db
- Comply to EN352-2, JKKP EP 91/04
- Sold individually 1 unit/box
- Refill available

**CE** EN 352-2 SNR: 37dB



### Earplug Dispenser Station

Model :  
FEP-03-MD02

- Workplace dispenser holds 500 pairs of disposable earplug
- Dispenses one pair at a time
- The bright color provides easy compliance checks quick and easy
- Shaped to fit even very small ear canals
- SNR : 37 dB
- Comply to EN352-2

Packaging : 1 set /box