



Please read these instructions carefully before using this safety Ear Protector
You should consult your safety officer or immediate superior with regard
to suitability of the Ear Protector for your specific work situation.
Store these instructions carefully so that you can consult them at any time.

Manufacturer information on EN352, Hearing Protectors - General Requirements
This product fulfills the requirements of directive 89/686/EEC of the European Council and the above mentioned standards.

Type: PW43 (EP105), PW44 (EM107) Ear Protector

Application: When worn properly and given adequate care, it provides protection which filters high frequency noise, from dynamic machines such as workshop equipment, motor saws etc

Requirements: This hearing protector complies with the requirements of the European Directive 89/686/CEE annex II of the European Standard EN352-1:1993 "Hearing protectors – Safety requirements and testing – Part 1: Ear muff

Mark: The appropriate marking * can be found on the cups.

***CE mark issued by:** 0194 (INSPEC)

Use:

1. With ear muff headband positioned directly over the head, pull the cups outward and position over your ears so that they fully enclosed the ear and seal tightly against the head.
2. Adjust headband to reduce the space between head and band.
3. For best results, remove all hair, and other objects, from under the cushions. The entire cushion surface should press firmly, but comfortably, against your head.
4. Ear muffs, and their cushions, may deteriorate with use and should be examined for cracking or other deformations. Replace as necessary.
5. Routinely wash with mild soap. The foam liner should be allowed to air dry before reinserting into the cups.

These ear-muff s are of "normal size range" complying with EN352-1; they will fit the majority of wearers.

PW43 (EP105)							
Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	19.1	22.4	30.1	38.9	33.4	39.6	37.6
Standard Deviation (dB)	2.2	2.5	2.0	2.3	2.2	2.1	2.6
Assumed Protection (dB)	14.2	14.2	22.9	36.7	32	34.1	32
SNR 28dB		H: 33	M: 25	L:18			

PW44 (EP107)							
Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	22.8	24.4	31.6	41.7	37.3	39.4	35.9
Standard Deviation (dB)	3.2	3.5	3.4	3.4	3.5	3.7	4.4
Assumed Protection (dB)	19.6	20.9	28.2	38.3	33.8	35.7	31.5
SNR 33dB		H: 34	M: 31	L:24			

Note: If data given in this leaflet is not taken into account, safety can be greatly undermined.

Weight: PW43 is 202grams and of PW44 is 297grams

Cleaning: Cleaning with warm soapy water, do not use organic solvents or alcohol for cleaning.

Disinfection: 1. It's required to disinfect the ear-muff every 3 months, according to the use.

2. Any part of the ear muff which is in contact with the wearer shall be disinfected by alcohol.

For noise environments, the earmuffs must be worn at all times. The level of noise entering a person's ear, when hearing protector is worn as directed, is closely approximated by the difference between the A-weighted environmental noise and the SNR.

Example: 1. The environmental noise level as measured at the ear is 92dBA.

2. The SNR is 28 decibels (dB).

3. The level of noise entering the ear is approximately equal to 63 dBA.

For noise environments dominated by frequencies below 500Hz the C-weighted environmental noise level should be used. Improper fit of this device will reduce its effectiveness in attenuating noise. Consult the enclosed instructions for proper fit. Although hearing protectors can be recommended for protection against the harmful effects of impulsive noise, the SNR is based on the attenuation of continuous noise and may not be an accurate indicator of the protection attainable against impulsive noise such as gunfire. Constant or repetitive exposure to impulsive noise may lead to serious injury, temporary or permanent deafness.

The SNR calculated from the attenuation data is 28dB of PW43BKR and 33dB of PW44BKR. The ear muff must be properly fitted to attenuate noise effectively

Storage: When not in use, it is recommended to store the ear protector in a clean and dry poly bag.