

CE0194

EN 352-1 : 2002

ANSI S3 19-1974



See information supplied by the Manufacturer

OTH = Fitted over the head

MANUFACTURER

PORTWEST LIMITED, IDA BUSINESS PARK, WESTPORT, CO MAYO, IRELAND
Any additional information please keep contact with the manufacturer

NAME & ADDRESS OF THE NOTIFIED BODY HAVING ISSUE EC CERTIFICATE:

INSPEC INTERNATIONAL LTD, 56 LESLIE HOUGH WAY, SALFORD,
GREATER MANCHESTER, M6 6AJ – ENGLAND

NOTIFIED BODY NUMBER: 0194

NOTIFIED BODY RESPONSIBLE FOR THE ONGOING CONFORMITY UNDER

MODULE D: INSPEC INTERNATIONAL LTD – NOTIFIED BODY NUMBER 0194

PW43 - EN352-1:2002 + ANSI S3 19-1974

PS44 - EN352-1:2002 ONLY

EN HEARING PROTECTORS: EAR MUFFS

PW43/PS44

USER INFORMATION

COMPLIANT WITH THE ESSENTIAL REQUIREMENTS OF REGULATION (EU) 2016/425 AND THE GENERAL REQUIREMENTS OF THE STANDARD EN352-1:2002

Loud Noise in the workplace can be very damaging to hearing and it usually happens gradually, so that employees are not aware of the dangers until they have already developed permanent hearing loss. As well as gradual hearing loss, there is also hearing loss that results from sudden and extremely loud noises. These ear protectors help reduce exposure to hazardous noise and other loud sounds.

These ear protectors are designed to protect the wearer against harmful noises and must be worn at all times in noisy environments (noise levels above 80dB) and must be chosen according to their attenuation factors in relation to the ambient noise to be reduced (see performance table below). Ensure that they are correctly fitted, adjusted, maintained and inspected in accordance with these instructions. The ear muffs are regularly inspected for serviceability.

Warning, if these instructions are not adhered to, the protection afforded by the ear-muffs will be severely impaired. Be warned that spectacle frames and hair between the ear pads and the head can also affect the performance of the ear defenders.

The fitting of hygiene covers to the cushions may affect the acoustic performance of the earmuffs. These ear defenders can cause allergic reactions in sensitive subjects, and if such a situation occurs, leave the noisy environment and remove the ear defenders.

SIZING

WARNING:

PW43 - these ear-muffs are of size range: L

PS44 - these ear-muffs are of size range: L/M/S

Ear-muffs complying with EN 352-1 are of large size range, Medium Size Range or Small size range. Medium size range ear-muffs will fit the majority of wearers. Large size range and Small size range ear-muffs are designed to fit wearers for whom medium size range ear-muffs are not suitable.

WEIGHT AND COMPOSITION: PW43

Cups: ABS - Headband: ABS

Cups & Headband Cushions: Sponge & PVC

Mean mass of the ear muffs = 226grams

No spare parts available.

WEIGHT AND COMPOSITION: PS44

Cups: ABS - Headband: ABS

Cups & Headband Cushions: Sponge & PVC

Mean mass of the ear muffs = 297grams

No spare parts available.

FITTING INSTRUCTIONS

- With ear muff headband positioned directly over the head,

pull the cups outward and position over your ears so that they fully enclose the ear and seal tightly against the head. Ensure the cup orientation is correct and the cup indicator "TOP" is always on top. (PW43)

- Adjust the headband to reduce the space between head and band.
- For best result, remove all hair and other objects from under the cushions. The entire cushion surface should press firmly, but comfortably, against your head.
- Check proper fit before entering noisy environment.

STORAGE & MAINTENANCE INSTRUCTIONS:

Transport the ear protectors with original packaging Put the ear defenders away after use in a cool, dry place, out of the light and protected from frost. When not used, store in the original packaging. This product may be adversely affected by certain chemical substances. Further information should be sought from the manufacturer.

Clean and disinfect cups, cushion and headband with warm soapy water and dry with soft cloth. Never use solvents, abrasive or noxious products.

In normal conditions of use, these ear defenders will remain effective for 2 years after their initial use. Ear-muffs, and in particular cushions, may deteriorate with use and should be examined at frequent intervals for cracking and leakage, for example.

If any damage is found, throw the ear defenders away. Recommended shelf life is 3 years from LOT No/ manufacturing date which is marked on the packaging such as mm/yyyy (Month / Year)

PERFORMANCE – ACOUSTIC ATTENUATION (in dB):

(See tables enclosed)

OTH = Fitted over the head

SNR = Single Number Rating

A = Frequency (Hz)

B = Mean Attenuation

C = Standard Deviation

D = Assumed Protection

H = High frequencies attenuation value

M = Medium frequencies attenuation value

L = Low frequencies attenuation value

LIMITATION:

The single noise rating (SNR) quoted is based upon the attenuation of continuous noise and these ear protectors may not be suitable to be used as following:

- Use in intermittent or impulsive noise environment, where high level of sound attenuation is needed.
- Use in environment that require additional attenuation especially in low frequencies dominated, high noise environment.

Download declaration of conformity

@ www.portwest.com/declarations

PERFORMANCES - SOUND ATTENUATION - EN352-1:2002

PW43								
A	Frequency (Hz)	125	250	500	1000	2000	4000	8000
B	Means Attenuation (dB)	19.1	22.4	30.1	38.9	33.4	39.6	37.6
C	Standard Deviation (dB)	2.2	2.5	2.0	2.3	2.2	2.1	2.6
D	Assumed Protection (dB)	16.9	19.9	28.1	36.6	31.2	37.5	35.0

SNR = 32dB H = 34 dB / M = 30 dB / L = 23 dB

PS44								
A	Frequency (Hz)	125	250	500	1000	2000	4000	8000
B	Means Attenuation (dB)	22.8	24.4	31.6	41.7	37.3	39.4	35.9
C	Standard Deviation (dB)	3.2	3.5	3.4	3.4	3.5	3.7	4.4
D	Assumed Protection (dB)	19.6	20.9	28.2	38.3	33.8	35.7	31.5

SNR = 33dB H = 34 dB / M = 31 dB / L = 24 dB

PERFORMANCES - SOUND ATTENUATION - ANSI S3 19-1974 Tested by Michael & Associates, Inc.

PW43										
A	Frequency(Hz)	125	250	500	1000	2000	3150	4000	6300	8000
B	Mean Attenuation (dB)	17.8	21.8	29.1	38.4	36.3	40.6	40.6	37.1	39.0
C	Standard Deviation (dB)	2.8	2.3	1.8	2.7	2.7	3.1	3.2	3.8	2.8

NRR (NOISE REDUCTION RATING) = 32dB