

A3

74.25 X105MM APPROX
FINISHED FOLDED SIZE

0723 : 6280 new artwork

297mm

166USP

GUIDE COLOUR DO NOT PRINT

BACK

FRONT

EN HEARING PROTECTORS: EAR MUFFS

Refer to the product labelling for detailed information on the corresponding standards. Only certified and used the way shown on both the product and the use information below are applicable. All these products comply with the requirements of Regulation (EU) 2016/425 and the general requirements of the standard EN352-1:2009 and EN352-2:2009 and Regulation (EU) 2016/425 as brought into use and amended.

These ear protectors are designed to protect the wearer against harmful noises and must be worn at all times in any environment where noise levels above 80dB must be chosen according to the attenuation values in relation to the ambient noise to be reduced (see performance). Ensure that they are correctly fitted, adjusted, maintained and inspected in accordance with these instructions. If these instructions are not complied with, the protection provided by the ear defenders will be considerably reduced.

WARNING: If these instructions are not followed, the protection afforded by the ear-muffs will be severely impaired. Be warned that specific features have had between the ears and the head can also affect the performance of the ear-defenders.

SIZES: PW72/PW72/OT1 ear muffs and PW76 have the neck rest muffs are of size S/M/L.

Over the head (OT1) and behind the neck muffs complying with EN352-1 are of large, medium or small size range. Medium size range ear muffs will fit the majority of users. Large size range and small size range ear muffs are designed to fit wearers for whom medium size range ear muffs are not suitable. PW72/PW76 behind the neck ear muffs are of large/medium/small. Behind the neck ear muffs should only be mounted and used as per Portwest Industrial safety helmets of the Defence and Height Endurance ranges.

FITTING INSTRUCTIONS: With ear muffs positioned directly over the head, pull the cups outward and position over your ears so that they fully enclose the ears and sit tightly against the head.

With behind the neck ear muffs ensure the neckband is orientated behind the head/neck. Ensure the cup orientation is correct. Adjust the headband to reduce the space between head and band (OT1 ear muffs) or adjust the velcro strap headband (behind the neck ear muffs) for a secure fit. For best result, remove all hair and other objects from under the cushions. The entire cushion should be placed over the ears comfortably against your head. Check proper fit before entering noisy environment.

Mounting the earmuffs on the helmet (see diagrams):

- 1- Place the (ear) cups on the lowest of the headgear assembly. 2- Clip ear cups facing up) the adapters on both sides of the helmet into the slots provided (the cups can be fitted on either the left or right sides). 3- Pivot the articulated arm downwards. 4- Gently fold down the cups over the ears.
- 5- Slide the cup to position the ear defenders perfectly. 6- For stand-by / parking position pull the cup outwards away from the ears.

your ear, you should have a click. Pivot the arm upwards and press the cup onto the helmet until it is fully seated in the parking position, you should hear a 'click' sound again.

COMPOSITION
Headband = PU leather with reflective coating
Ear cup = ABS Mounting adapter = POM Gasket = PU Foam = Foam Decelerating ring = TPR Screw = carbon steel
Cup holder = Nylon Cup holder = Carbon steel
Headband cover = PU leather

Mean mass of ear muffs = PW72 = 187.5g; PW73 = 207g; PW76 = 216g; PW76 = 245g; PW76 = 227g

STORAGE AND MAINTENANCE
Put the ear defenders away after use in a cool, dry place, out of direct sunlight and away from heat. 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.

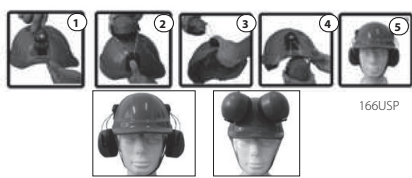
Clean and disinfect with warm soapy water cup, cushion & headband & dry with soft cloth. Never use solvents, abrasives or caustic products. In normal conditions of use, these ear defenders will maintain effectiveness for 2 to 3 years after their initial use. Ear-muffs, and in particular cushions, may deteriorate with age. It should be examined at frequent intervals for cracking and leakage, for example. If any damage is found, throw the ear defenders away. 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 found a situation occurs, leave the noisy environment and remove the ear-defenders.

MARKINGS
PORTWEST: Manufacturer identification
PW72/PW73/PW76/PW76: Model reference
CE: Compliance with EU legislation
UKCA: Compliance with UK legislation

2754: Number of notified body performing conformity surveillance
EN352-1:2009: Standard over the head ear muffs comply with essential requirements of legislation
EN352-2:2009: Standard behind the neck ear muffs comply with essential requirements of legislation

PERFORMANCE - ACOUSTIC ATTENUATION (in dB):
Mean value: Attenuation in dB
SNR = Single Number Rating
M = Mean attenuation value / d = Standard deviation / **APL** = Assumed Protection Level
Attenuation in dB: H = High frequencies / M = Medium frequencies / L = Low frequencies (Bass)

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PERFORMANCES - SOUND ATTENUATION PW72 OVER THE HEAD (EN 352-1:2009)

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Average MF (dB)	18.1	11.4	16.0	26.1	34.7	31.0	31.3	34.5
Standard deviation of (dB)	4.2	1.7	3.0	5.2	4.1	2.5	3.0	3.0
APL: MF -st (dB)	13.9	9.7	13.0	20.9	28.6	28.5	28.3	31.5
Minimum requirements	H12	M11	L11	L9				
Average values	H (dB)	38.1	M (dB)	23.5	L (dB)	16	SNR (dB)	25.8
Standard deviation	Hs (dB)	18.1	Ms (dB)	25.8	Ls (dB)	17.7	SNRs (dB)	27.7

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Average MF (dB)	13.1	12.7	18.4	27.4	32.7	31.6	33.5	34.9
Standard deviation of (dB)	3.2	2.7	2.9	2.2	2.5	3.2	2.6	4.3
APL: MF -st (dB)	9.9	10.0	15.5	25.2	30.2	28.4	30.9	30.6
Minimum requirements	H (dB)	38.1	M (dB)	25.9	L (dB)	17.3	SNR (dB)	27.7
Average values	H (dB)	38.1	M (dB)	25.9	L (dB)	17.3	SNR (dB)	27.7
Standard deviation	Hs (dB)	18.1	Ms (dB)	25.8	Ls (dB)	17.7	SNRs (dB)	27.7

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Average MF (dB)	13.0	12.7	13.8	19.6	30.3	33.7	30.4	30.6
Standard deviation of (dB)	4.0	5.0	4.0	4.8	5.9	4.0	4.8	6.3
APL: MF -st (dB)	9.0	7.7	9.8	14.8	24.4	29.7	25.6	24.3
Minimum requirements	H (dB)	27	M (dB)	20	L (dB)	13	SNR (dB)	22
Average values	H (dB)	27	M (dB)	20	L (dB)	13	SNR (dB)	22
Standard deviation	Hs (dB)	27	Ms (dB)	22	Ls (dB)	3	SNRs (dB)	25

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Average MF (dB)	16.3	13.4	19.1	25.3	31.9	33.9	36.3	37.4
Standard deviation of (dB)	4.8	4.2	6.2	6.2	4.9	4.5	5.8	8.3
APL: MF -st (dB)	11.5	9.2	12.9	19.1	27.0	29.4	30.5	29.1
Minimum requirements	H (dB)	27	M (dB)	20	L (dB)	15	SNR (dB)	25
Average values	H (dB)	27	M (dB)	20	L (dB)	15	SNR (dB)	25
Standard deviation	Hs (dB)	27	Ms (dB)	22	Ls (dB)	3	SNRs (dB)	25

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Average MF (dB)	16.3	13.4	19.1	25.3	31.9	33.9	36.3	37.4
Standard deviation of (dB)	4.8	4.2	6.2	6.2	4.9	4.5	5.8	8.3
APL: MF -st (dB)	11.5	9.2	12.9	19.1	27.0	29.4	30.5	29.1
Minimum requirements	H (dB)	27	M (dB)	20	L (dB)	15	SNR (dB)	25
Average values	H (dB)	27	M (dB)	20	L (dB)	15	SNR (dB)	25
Standard deviation	Hs (dB)	27	Ms (dB)	22	Ls (dB)	3	SNRs (dB)	25

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Average MF (dB)	20.0	15.2	23.7	31.1	39.2	34.1	34.5	37.7
Standard deviation of (dB)	6.2	1.5	2.9	3.6	3.1	2.7	1.9	2.2
APL: MF -st (dB)	13.8	13.6	20.8	27.5	36.1	31.4	32.6	35.4
Minimum requirements	H (dB)	38.1	M (dB)	33.5	M (dB)	26.4	L (dB)	19.3
Average values	H (dB)	38.1	M (dB)	33.5	M (dB)	26.4	L (dB)	19.3
Standard deviation	Hs (dB)	18.6	Ms (dB)	31.3	Ls (dB)	21	SNRs (dB)	32.7

PL

OCHRONNIKI SŁUCHU: NAUSZNIKI

Wszystkie produkty zawierają szczegółowe informacje dotyczące norm, których wykonania ten produkt spełnia. Jedynie normy i klasy, które występują najczęściej na wytycznych oraz w instrukcji użytkownika zostały zastosowane do kalendarzowego produktu. Wszystkie te produkty są oznaczone zgodnie z normą EN 352-1:2010.

Skład materiałowy

Pałąk = skóra PU z powłoką odboiskową

Nausznik = ABS **Adapter montażowy** = POM **Poduszka**

Planika = pianka **Pierścienie ozdobne** = IPR **Struba** =

silikon

