



WORKARMA

GUARDIAN HARD HAT EAR MUFF



Australian Standard
AS/NZS 1270:2002
Lic.SMK40540
SAI Global

5

Class Level

28

SLC₈₀ rating (dB)

FEATURES

- Certified to AS/NZS 1270:2002 - Acoustics Hearing Protectors
- Class 5 28dB protection up to 110dB
- Manufactured from robust ABS with polished earcups
- Soft cushions pads create a comfortable seal
- Lightweight with a total weight of 317g
- Comfortable clamping force of 9.8N
- Includes hard hat attachments 25mm and 30mm in size

*Does not include Hard Hat

AVAILABLE RANGE

PART NUMBER	PACK QTY	CARTON QTY
EMACOR530P2	1 Pair	20 Pairs

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TEST AND CERTIFICATION

Certified to AS/NZS 1270:2002 -
Acoustics - Hearing Protectors

Certified by SAI Global



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ATTENUATION TABLE

TEST FREQUENCY (HZ)	125	250	500	1000	2000	4000	8000	SLC ₉₀	Class 5 28.4 dB
MEAN ATTENUATION (DB)	16.6	19.1	28.5	33.9	35.9	36.5	34.9		
STANDARD DEVIATION (DB)	4.5	4.1	5.2	3.9	4	4.3	6.5		

Hearing Protector Class 5 tested to AS/NZS 1270:2002. When selected, used and maintained as specified in AS/NZS 1269.3:2005, this protector may be used in noise up to 110dB (A) assuming an 85dB (A) criterion. A lower criterion may require a higher protector class.

UNDERSTANDING HEARING PROTECTION

Hearing protection is broken into 5 categories depending on the Earplug or Earmuffs ability to reduce noise levels to acceptable levels. These 5 classifications are used to denote the Earplug/ Earmuffs certification to AS/NZS 1270:2002. Levels are only achieved with proper fit.

LAeg, 8h dB(A)	CLASS
Less than 90	1
90 to less than 95	2
95 to less than 100	3
100 to less than 105	4
105 to less than 110	5
Greater than 110 or equal to 110	Seek specialist advice

The above information should be used in conjunction with the wearers own risk assessment, adequate knowledge of AS/NZS standards.

APPLICATIONS

Including but not limited to industries such as:

- Automotive
- Fabrication
- Manufacturing
- Steel works
- Mining
- Maintenance

FITTING INSTRUCTIONS



Attach adaptors to each side of the hard hat by sliding them into the slots.



Attach earmuff into it's adaptor by sliding the ear muff housing down into adaptor.



Place the hard hat on the head and adjust the earmuffs by sliding the earmuffs up and down.



Ensure that the earmuff is firmly attached by lifting the arm up and down.

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WARNINGS AND LIMITATIONS OF USE

- Wearer must complete a risk assessment to determine suitable protection required
- For the optimum protection, ear cushions should seal firmly against the head
- Anything that can influence the seal such as long hair, thick or poorly fitting eyewear, pencils, or caps, will affect the protection
- Do not bend and reshape the headband as this will lead to a loose fit and sound leakage
- Reported attenuation will only be achieved if the hearing protector is in good condition and worn as directed

STORAGE, SHELF LIFE AND CLEANING

- Clean the outside of the earmuff regularly with soap and lukewarm water. Do not immerse in water
- Do not store the earmuff in temperatures above 55°C, for example behind a windshield or window
- Do not clean with solvents such as alcohol or acetone, or with waterless hand cleaners or products containing lanolin
- Earmuffs must be regularly inspected for cracked or worn parts and replaced as needed. Typical life for foam cushions is 6 months

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