



# WORKARMA

## DEFENDER

### EAR MUFF



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

**5**

Class Level

**29**

SLC<sub>80</sub> rating (dB)

### FEATURES

- Certified to AS/NZS 1270:2002 - Acoustics - Hearing Protectors
- Class 5 29dB protection up to 110dB
- Manufactured from robust ABS with polished earcups
- Soft cushions pads create a comfortable seal
- Completely dielectric (no metal parts)
- Lightweight with a total weight of 189 g
- Comfortable clamping force of 11.1N
- Supplied in a polybag with a cardboard header card

### AVAILABLE RANGE

| PART NUMBER | PACK QTY | CARTON QTY |
|-------------|----------|------------|
| EMAH0Y529P2 | 1 Pair   | 25 Pairs   |



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## DEFENDER EAR MUFF Hearing Protection

### TEST AND CERTIFICATION

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

**Certified by** SAI Global



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AS/NZS 1270:2002  
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### ATTENUATION TABLE

| TEST FREQUENCY (HZ)     | 125 | 250 | 500  | 1000 | 2000 | 4000 | 8000 | SLC <sub>90</sub> | Class 5<br>29.2 dB |
|-------------------------|-----|-----|------|------|------|------|------|-------------------|--------------------|
| MEAN ATTENUATION (DB)   | 13  | 17  | 25.5 | 37.2 | 35.3 | 40.1 | 41.4 |                   |                    |
| STANDARD DEVIATION (DB) | 2.8 | 2.1 | 2.2  | 3.3  | 2.8  | 3.4  | 4.4  |                   |                    |

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 1270:2005. 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
- Manufacturing
- Mining
- Maintenance

### FITTING INSTRUCTIONS



Place earcups over each ear.



Adjust the headband by sliding the headband up or down.



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### Hearing Protection

#### 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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**Bremick Pty Ltd**

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