

### PS47 - Endurance HV Clip-On Ear Defenders

**Collection:** Ear Muffs

**Range:** Hearing Protection

**Materials:** ABS, Polystyrene, PU, Stainless Steel

#### Product information

High-Visibility colour. This product is compatible with Endurance Helmets, Height Endurance Helmets and Peak View Helmets. Warning: attenuation performances vary depending on the helmet style they are used with.

#### Standards

EN 352-3:2002 (SNR 25dB (Endurance/ Height Endurance); SNR 27dB (Peak View))  
ANSI S3.19 (NRR 24dB)  
AS/NZS 1270 (SLC(80) 22dB - Class 4)



#### Ear Muffs

Portwest Hearing protection range includes PPE with different level sound attenuation, to be adapted to various working environments giving the correct protection from dangerous noise, without isolating the workers. New models and colours for earmuffs allow a personalised choice. An updated range of earplugs complete our competitive and performing offer.

#### Hearing Protection

Hearing problems occur when you are exposed to hazardous working conditions without wearing the correct protective equipment.

#### Features

- Excellent attenuation rate
- Easy to clip-on
- Hi-Visibility colour for visibility in daylight
- Adjustable dual pin system provides multiple positioning for better fit
- Stand-off position for intermittent use
- Compatible with Endurance and Height Endurance helmets
- Compatible with Peak View helmets
- CE certified
- CE-CAT III
- UKCA marked
- Retail bag which aids presentation for retail sales



**PS47 - Endurance HV Clip-On Ear Defenders**  
**Commodity Code: 6506101000**

**Test House**

ALIENOR CERTIFICATION (Notified Body No.: 2754)

ZA du Sanital

86100, France

Cert No: 2754/1246/159/06/18/0330

SATRA Technology Centre Ltd (Notified Body No.: AB: 0321)

SATRA Technology Park

NN16 8SD, United Kingdom

Cert No: AB0321/18872-01/E00-00

**Carton Dimensions/Weight**

| Item    | Colour | Len  | Wid  | Hgt  | Weight(Kg) | Cubic(m <sup>3</sup> ) | EAN13         | DUN14          |
|---------|--------|------|------|------|------------|------------------------|---------------|----------------|
| PS47ORR | Orange | 62.0 | 39.0 | 50.0 | 0.2800     | 0.1209                 | 5036108258819 | 15036108748041 |

**PERFORMANCES - SOUND ATTENUATION**

PW47/ PS47 + ENDURANCE SAFETY HELMETS (PS54/PS55/PW54/PW55) & + ENDURANCE HEIGHT SAFETY HELMETS (PS53)

| <b>PW47/PS47</b>                       |                         |           |            |            |            |             |             |             |             |
|--|-------------------------|-----------|------------|------------|------------|-------------|-------------|-------------|-------------|
| <b>A</b>                               | <b>Frequency (Hz)</b>   | <b>63</b> | <b>125</b> | <b>250</b> | <b>500</b> | <b>1000</b> | <b>2000</b> | <b>4000</b> | <b>8000</b> |
| B                                      | Mean Attenuation (dB)   | 13.4      | 12         | 20.1       | 28.9       | 32.4        | 32.5        | 33.6        | 33.1        |
| C                                      | Standard Deviation (dB) | 5.8       | 6.7        | 4.1        | 5.0        | 5.4         | 4.4         | 6.3         | 6.9         |
| D                                      | Assumed Protection (dB) | 7.6       | 5.3        | 16.0       | 23.9       | 27.1        | 28.1        | 27.2        | 26.2        |
| <b>SNR 25dB H:28dB M: 23dB L: 14dB</b> |                         |           |            |            |            |             |             |             |             |

PW47/ PS47 + PEAK VIEW HELMETS (PV50/PV54/PV60/PV64)

| <b>PW47/PS47</b>                       |                         |           |            |            |            |             |             |             |             |
|--|-------------------------|-----------|------------|------------|------------|-------------|-------------|-------------|-------------|
| <b>A</b>                               | <b>Frequency (Hz)</b>   | <b>63</b> | <b>125</b> | <b>250</b> | <b>500</b> | <b>1000</b> | <b>2000</b> | <b>4000</b> | <b>8000</b> |
| B                                      | Mean Attenuation (dB)   | 12.9      | 12.6       | 20.8       | 31.8       | 35.3        | 34.3        | 33.5        | 36.0        |
| C                                      | Standard Deviation (dB) | 5.9       | 5.3        | 3.7        | 5.0        | 2.9         | 5           | 7.8         | 7.8         |
| D                                      | Assumed Protection (dB) | 7.0       | 7.3        | 17.1       | 26.8       | 32.4        | 29.3        | 25.7        | 28.3        |
| <b>SNR 27dB H:29dB M: 25dB L: 16dB</b> |                         |           |            |            |            |             |             |             |             |

PW47/ PS47 + WORKBASE SAFETY HELMETS (PS51)

| <b>PW47/PS47</b>                       |                         |           |            |            |            |             |             |             |             |
|--|-------------------------|-----------|------------|------------|------------|-------------|-------------|-------------|-------------|
| <b>A</b>                               | <b>Frequency (Hz)</b>   | <b>63</b> | <b>125</b> | <b>250</b> | <b>500</b> | <b>1000</b> | <b>2000</b> | <b>4000</b> | <b>8000</b> |
| B                                      | Mean Attenuation (dB)   | 12.1      | 11.7       | 19.5       | 28.8       | 32.8        | 34          | 31.3        | 30.8        |
| C                                      | Standard Deviation (dB) | 4.4       | 5.0        | 5.1        | 6.8        | 6.0         | 4.4         | 7.9         | 8.6         |
| D                                      | Assumed Protection (dB) | 7.7       | 6.6        | 14.4       | 22.1       | 26.8        | 29.6        | 23.4        | 22.2        |
| <b>SNR 24dB H:26dB M: 23dB L: 15dB</b> |                         |           |            |            |            |             |             |             |             |

**PERFORMANCES - SOUND ATTENUATION- ANSI S.19-1974**

PW47/ PS47 + ENDURANCE SAFETY HELMETS (PS54/PS55/PW54/PW55) & + ENDURANCE HEIGHT SAFETY HELMETS (PS53)

Tested by Michael & Associates, Inc. – 400 Long Lane, PA Furnace, PA 16865, USA

| <b>PW47/PS47</b> |                         | <b>NRR (NOISE REDUCTION RATING) = 24dB</b> |            |            |             |             |             |             |             |             |
|------------------|-------------------------|--|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>A</b>         | <b>Frequency (Hz)</b>   | <b>125</b>                                 | <b>250</b> | <b>500</b> | <b>1000</b> | <b>2000</b> | <b>3150</b> | <b>4000</b> | <b>6300</b> | <b>8000</b> |
| B                | Mean Attenuation (dB)   | 16.9                                       | 20.5       | 28.1       | 37.0        | 37.0        | 37.0        | 35.1        | 32.4        | 35.3        |
| C                | Standard Deviation (dB) | 2.7  | 2.1        | 3.0        | 2.8         | 2.7         | 3.1         | 1.8         | 2.6         | 3.2         |

PS47ORR