

## EM-5003 Noise Proof Safety Earmuff

- Shell : High Density ABS Material
- Head Band : Heavy Duty ABS Material
- Sponge: Sound Absorbing Foamed Sponge
- Design : Easy Slide Cup Adjustment
- Color Available: Black, Red, Blue, Orange, Yellow etc
- Sound Proof: NRR 23dB, SNR 29dB
- CE EN352-1:2020
- ANSI S3.19-1974
- AS/NZ S1270:2002
- Application : Construction, Road & Building Workers, Forest & Wood Workers, Mining, Mechanics, Factory Workshop, Shotting etc



### Shell

- Approved Heavy Duty Quality

### Head Band

- Approved Heavy Duty Quality

### Sponge

- Soft & Comfortable

### Logo

- Customized color and logo

### Adjustment

- Easy to Slide Cup Design

### CE Approved

- EN352-1:2020 Approved Quality



### √ Standard: EN 352-1

| Test                             | Requirement               | Applicable | Result |
|----------------------------------|---------------------------|------------|--------|
| Headband Force (4.3.3)           | Maximum Force: 11.65 N    | A          | Pass   |
| Cushion Pressure (4.3.5)         | Maximum Pressure: 4005 Pa | A          | Pass   |
| Headband Force Variation (4.3.8) | Maximum Variation: -14.8% | A          | Pass   |
| Insert Loss (4.3.9)              | /                         | A          | Pass   |

### Frequency (Hz)

|                     | 63    | 125  | 250   | 500  | 1000  | 2000 | 4000    | 8000 |
|---------------------|-------|------|-------|------|-------|------|---------|------|
| <b>Average</b>      | 20.5  | 15.2 | 21.3  | 31.6 | 38.0  | 33.8 | 29.0    | 34.8 |
| <b>Deviation</b>    | 5.5   | 4.2  | 3.8   | 3.8  | 4.4   | 3.8  | 5.7     | 6.3  |
| <b>Min Required</b> | 0     | 5    | 8     | 10   | 12    | 12   | 12      | 12   |
| <b>APV (dB)</b>     | 15.0  | 11.0 | 17.5  | 27.9 | 33.6  | 30.0 | 23.3    | 28.5 |
|                     | H(dB) | 27.0 | M(dB) | 26.4 | L(dB) | 18.7 | SNR(dB) | 27.0 |

#### WARNING:

Do not use the ear muff with any other respirator systems or hard hat. Failure to fit and use ear muffs according to these instructions will reduce their effectiveness.

#### Users Instruction:

##### 1.) FITTING INSTRUCTIONS:

- Move your hair out of the way to get a good seal between the ear muff cushions and your head. Remove earrings if they interfere with the seal of the cushion against your head.
- Press the cups inward until they snap in around the ears. Then center the ear cups over both ears.
- Slide the ear cups up or down to find the position where the ear cups completely cover your ears. When properly installed and adjusted, the cups should not touch the headgear shell or visor surround.
- Check the fit by talking out loud. Your voice should sound hollow, like you are talking in a barrel. The noises around you should not sound as loud as they did before you put the muffs on.

##### 2.) THE USER SHOULD ENSURE:

- The ear-muffs are fitted, adjusted and maintained in accordance with the manufacturer's instructions
- The ear-muffs are worn at all times in noisy surroundings
- The ear-muffs are regularly inspected for serviceability

##### 3.) LIFESPAN

The Safety Earmuff can be expected to remain in service for 3 years or more, when it is not damaged during use.

##### 4.) CLEANING AND DISINFECTION

Clean the earmuff with mild soap and lukewarm water. Do not use paints, solvents, chemicals, adhesives, gasoline or like substances on this earmuff. The impact resistance and other protective properties of the earmuff may be destroyed by such substances. The loss of these protective properties may not be apparent or readily detectable by the user. After each use, disinfection should be done and the use of agents that are not known to be harmful to the earmuff.

##### 5.) STORAGE

Store the earmuff in a cool, dry and clean place out of direct sunlight. Avoid area where heat, moisture, light, oil, or their vapours or other degrading elements may be present.