

CAP CLOSED – PASSIVE NOISE LEVELS - X-SMALL, SMALL, MEDIUM, LARGE

BATTLEPLUGS ATTENUATION DATA

Test According to ANSI Specs S3.19-1974 Michael & Assoc., State College, PA.

| | | Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 3150 | 4000 | 6300 | 8000 | | |
|------------------------|-------------------------|----------------|------|------|------|------|------|------|------|------|-------------------------|-------------------------|--|
| X-SMALL 6496 | Mean Attenuation (dB) | 33.0 | 30.0 | 34.5 | 33.4 | 35.0 | 33.9 | 25.0 | 24.4 | 28.1 | NRR 20 | CSA BL | |
| | Standard Deviation (dB) | 3.9 | 4.1 | 3.4 | 5.1 | 3.7 | 4.1 | 3.6 | 4.5 | 4.7 | | | |
| SMALL 6497 | Mean Attenuation (dB) | 34.2 | 30.6 | 36.1 | 34.5 | 35.8 | 36.4 | 30.4 | 26.0 | 30.0 | NRR 24 | CSA BL | |
| | Standard Deviation (dB) | 3.7 | 3.7 | 4.2 | 3.9 | 3.4 | 3.2 | 3.1 | 2.5 | 3.7 | | | |
| MEDIUM 6498 | Mean Attenuation (dB) | 31.3 | 27.0 | 34.2 | 30.7 | 36.1 | 40.9 | 34.1 | 31.1 | 32.3 | NRR 24 | CSA BL | |
| | Standard Deviation (dB) | 4.8 | 4.2 | 4.9 | 3.3 | 3.7 | 4.1 | 3.2 | 2.7 | 3.5 | | | |
| LARGE 6499 | Mean Attenuation (dB) | 35.3 | 29.4 | 33.3 | 31.3 | 34.4 | 39.0 | 33.3 | 31.8 | 32.1 | NRR 24 | CSA BL | |
| | Standard Deviation (dB) | 3.4 | 2.9 | 3.7 | 3.7 | 3.8 | 4.4 | 3.7 | 4.0 | 3.5 | | | |

CAP OPEN – PASSIVE NOISE LEVELS - X-SMALL, SMALL, MEDIUM, LARGE

BATTLEPLUGS ATTENUATION DATA

Test According to ANSI Specs S3.19-1974 Michael & Assoc., State College, PA.

| | | Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 3150 | 4000 | 6300 | 8000 | | |
|------------------------|-------------------------|----------------|-----|------|------|------|------|------|------|------|-------------------------|------------------------|--|
| X-SMALL 6496 | Mean Attenuation (dB) | 9.8 | 8.1 | 13.0 | 20.9 | 28.4 | 29.1 | 22.6 | 20.4 | 23.6 | NRR 10 | CSA C | |
| | Standard Deviation (dB) | 4.3 | 2.2 | 2.9 | 4.8 | 4.3 | 3.8 | 3.9 | 2.8 | 3.3 | | | |
| SMALL 6497 | Mean Attenuation (dB) | 8.4 | 8.8 | 15.1 | 25.0 | 29.7 | 29.9 | 29.2 | 22.9 | 26.6 | NRR 12 | CSA C | |
| | Standard Deviation (dB) | 3.0 | 2.5 | 3.7 | 3.9 | 3.7 | 4.2 | 3.5 | 2.7 | 3.8 | | | |
| MEDIUM 6498 | Mean Attenuation (dB) | 8.4 | 8.5 | 13.7 | 22.4 | 30.9 | 30.5 | 31.5 | 26.1 | 30.2 | NRR 9 | CSA C | |
| | Standard Deviation (dB) | 4.1 | 3.9 | 4.8 | 2.8 | 3.7 | 3.6 | 4.6 | 3.4 | 4.9 | | | |
| LARGE 6499 | Mean Attenuation (dB) | 10.4 | 9.8 | 14.1 | 21.4 | 28.7 | 31.2 | 31.9 | 30.3 | 30.0 | NRR 12 | CSA C | |
| | Standard Deviation (dB) | 3.9 | 2.9 | 3.4 | 2.9 | 4.2 | 3.5 | 4.5 | 4.1 | 4.0 | | | |

WARNING TO USER – BATTLEPLUGS

- BattlePlugs reusable earplugs must be fitted and worn correctly to provide effective protection. Wash or clean hands before use. Plugs should be routinely washed with mild soap and warm water. CAUTION: Remove with a slow twisting motion to break the seal. Due to the tight seal, rapid removal may damage eardrum.
- Use this laboratory-derived attenuation data for comparison purposes only. The amount of protection afforded in field use often is significantly lower depending on how the protectors are fitted and worn.
- Failure to follow all instructions will reduce the protection provided by the earplugs. However, no earplug can completely protect the user from exposure to impulse sound and in particular to gunfire or weapons fire.
- BattlePlugs must only be used as part of a hearing conservation program that complies with applicable local safety and health regulations.
- Overprotection can be dangerous. The wearer must be able to hear warning signals.
- Wearers with hearing loss should exercise extreme caution.
- It is the employer's responsibility to ensure that the type of hearing protector and its NRR is appropriate for the user in their particular workplace.
- To select proper size tip choose the largest size that allows all flanges to fit comfortably inside the ear canal for a good seal.
- Use caution when working around machinery or other equipment to ensure neck cord does not become caught or entangled.
- Failure to follow these warnings could result in increased risk of hearing loss, injury or death.
- Although hearing protectors can be recommended for protection against the harmful effects of impulse noise, the Noise Reduction Rating (NRR) is based on the attenuation of continuous noise and may not be an accurate indicator of the protection attainable against impulse noise such as gunfire. (Wording required by EPA)
- No earplug can completely protect the user from exposure to impulse sound and in particular to gunfire or weapons fire. BattlePlugs when properly fitted and worn will reduce exposure to harmful levels of impulse sound but cannot completely eliminate such exposure either through the ear canal or through bone conduction. Hearing loss may still occur even with proper fitting and use of any impulse noise earplug.
- Properly fitted passive slow recovery NRR 33 foam earplugs either alone or combined with high NRR earmuffs will provide greater protection from impulse sound to the user than any reusable impulse earplug but also cannot eliminate such exposure either through the ear canal or through bone conduction. Accordingly, hearing loss may still occur as a result of sustained or repeated exposure to impulse sound. However, slow recovery foam earplugs, either alone or with earmuffs, will not allow the user to hear commands, approaching vehicles or other sounds the user may need to hear.

BATTLEPLUGS ORDERING INFORMATION

| SKU# | Plug Size | Qty./Case | Contents/Bag |
|----------------------|-------------------------|-----------|---|
| 6496 NSN # | X-Small TBD | 50 Bags | Pair of BattlePlugs, cord, Pocket-Pak® Duo, Chain, and Instructions |
| 6497 NSN # | Small 6515016324167 | 50 Bags | Pair of BattlePlugs, cord, Pocket-Pak® Duo, Chain, and Instructions |
| 6498 NSN # | Medium 6515016324179 | 50 Bags | Pair of BattlePlugs, cord, Pocket-Pak® Duo, Chain, and Instructions |
| 6499 NSN # | Large 6515016324185 | 50 Bags | Pair of BattlePlugs, cord, Pocket-Pak® Duo, Chain, and Instructions |

BATTLEPLUGS REPLACEMENT TIPS

| | |
|-----------------------|---|
| 6496T NSN # | 50 Pairs of X-Small Replacement Tips in Zip-Top Bag TBD |
| 6487T NSN # | 50 Pairs of Small Replacement Tips in Zip-Top Bag 6515016324230 |
| 6488T NSN # | 50 Pairs of Medium Replacement Tips in Zip-Top Bag 6515016324238 |
| 6489T NSN # | 50 Pairs of Large Replacement Tips in Zip-Top Bag 6515016324243 |

CAMO FOAM ATTENUATION DATA

Tested According to ANSI Specs S3.19-1974 Michael & Assoc., State College, PA.

| Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 3150 | 4000 | 6300 | 8000 | | |
|-------------------------|------|------|------|------|------|------|------|------|------|-------------------------|-------------------------|
| Mean Attenuation (dB) | 42.3 | 43.7 | 46.6 | 40.9 | 38.6 | 44.7 | 46.9 | 49.3 | 48.3 | NRR 33 | CSA AL |
| Standard Deviation (dB) | 5.0 | 6.0 | 5.8 | 4.2 | 2.8 | 3.2 | 3.3 | 4.2 | 3.6 | | |

GLIDE CAMO FOAM ATTENUATION DATA

Tested According to ANSI Specs S3.19-1974 by Michael & Assoc., State College, PA.

| Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 3150 | 4000 | 6300 | 8000 | | |
|-------------------------|------|------|------|------|------|------|------|------|------|-------------------------|-------------------------|
| Mean Attenuation (dB) | 31.7 | 32.2 | 36.1 | 37.8 | 40.9 | 42.7 | 41.2 | 46.2 | 48.0 | NRR 30 | CSA AL |
| Standard Deviation (dB) | 5.2 | 3.5 | 4.4 | 3.3 | 3.2 | 2.2 | 3.0 | 4.1 | 4.3 | | |

WARNING TO USER – CAMO FOAM AND GLIDE CAMO

- Use these laboratory derived attenuation data for comparison purposes only. The amount of protection afforded in field use often is significantly lower depending upon how the protectors are fitted and worn.
- Failure to obtain a proper fit will reduce effectiveness of hearing protectors and could result in hearing loss or injury.
- Over protection can be dangerous. The wearer must be able to hear warning signals.
- Wearers with hearing loss should exercise extreme caution.
- It is the employer's responsibility to ensure that the type of hearing protector and its rating is appropriate for the user in their particular workplace.
- Failure to follow all instructions and warnings could result in increased risk of hearing loss, serious injury or death.
- Foam earplugs must only be used as part of a hearing conservation program that complies with applicable local safety and health regulations.

(U.S. Army photo by Sgt. Taylor Hoganson)

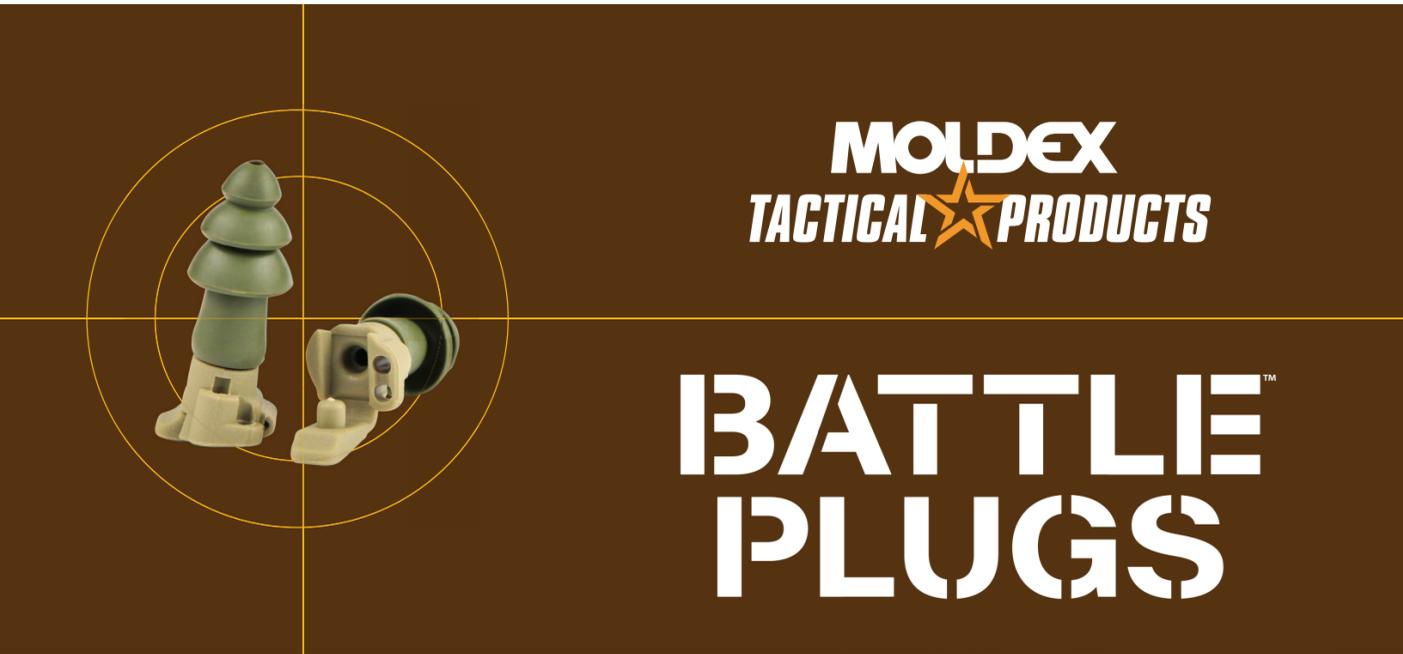
MOLDEX TECHNICAL ASSISTANCE

Moldex provides all of the technical assistance required to set up a hearing protection program. For more information call +1 (800) 421-0668 or +1 (310) 837-6500 ext. 512/550 or E-mail: tech@moldex.com or visit www.moldex.com.

Keep earplugs away from infants and small children as they may get caught in the windpipe and create a choking hazard.



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ARMED FORCES / LAW ENFORCEMENT / INDUSTRIAL / PERSONAL

BattlePlugs are now an authorized hearing protector for use by Soldiers and Department of the Army Civilians



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