
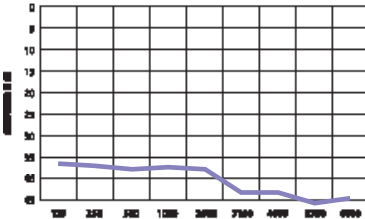

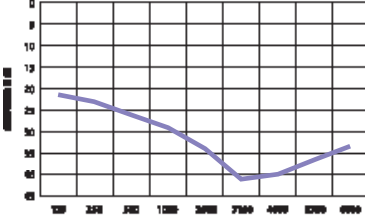

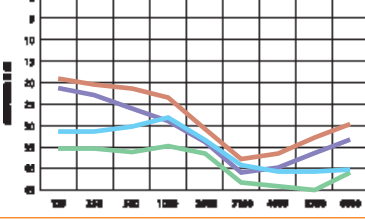

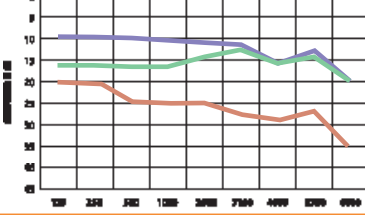

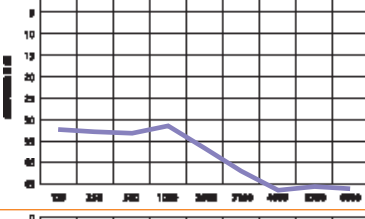

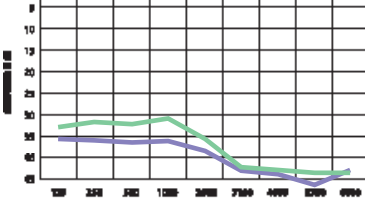


# Custom-Fit Hearing Protection Average Attenuation Chart

| Earpiece Style   | Application   | Material           | NRR   | Average Attenuation      | Attenuation Graph   |
|--|---|--------------------|-------|--------------------------|---|
|  |   |                    |       | 0 5 10 15 20 25 30 35 40 |   |
| <b>Maximum</b> (Style 40)<br>                    | Maximum attenuation (noise reduction) for high-noise industrial and recreational environments.  | OtoBlast           | 29 dB | 40 dB                    |    |
| <b>Filtered</b> (Style 47-40)<br>               | Protects from noise while an integral filter allows some speech and sound awareness. Great for industry and motor sports. Also available as Style 47 half shell.              | OtoBlast           | 21 dB | 31 dB                    |    |
| <b>Convertible</b> (Style 47-40 Convertible)<br> | The filter allows some speech and sound awareness. Easily converts to a solid earpiece. Detachable cord makes conversion easy.  | OtoBlast - Open    | 21 dB | 31 dB                    |    |
|  |   | OtoBlast - Plugged | 28 dB | 38 dB                    |   |
|  |   | AquaNot - Open     | 16 dB | 27 dB                    |   |
|  |   | AquaNot - Plugged  | 23 dB | 34 dB                    |   |
| <b>Concert</b> (Style 49)<br>                   | Ideal for performing musicians and concert-goers. Flat attenuation allows the wearer to hear sounds accurately but at reduced levels.   | OtoBlast ER-9      |       | 9 dB approx.             |   |
|  |   | OtoBlast ER-15     |       | 15 dB approx.            |   |
|  |   | OtoBlast ER-25     |       | 25 dB approx.            |   |
| <small>ER-9,15 and 25 data provided by Etymotic Research 2002.</small>   |   |                    |       |                          |   |
| <b>AquaNot</b> (Style AQ)<br>                  | Designed for swimming or showering to prevent moisture from entering the ear canal. They float and provide superb all-around noise reduction. Also available without handles. | AquaNot            | 27 dB | 39 dB                    |  |
| <b>Sleeping</b> (Style 40-4)<br>               | Designed to promote comfortable and uninterrupted sleep.  | OtoBlast           | 27 dB | 39 dB                    |  |
|  |   | AquaNot            | 24 dB | 37 dB                    |   |

## Common noise levels (dB), and their effect upon hearing\*.



All test results with the exception of the ER-9, 15 and 25 filters were performed by Michaels & Associates.

\*Exposure time based on NIOSH occupational noise exposure standards. © 2008 Westone