## Custom-Fit Hearing Protection Average Attenuation Chart

Earpiece Style	Application	Material	NRR	Average Attenuation 0 5 10 15 20 25 30 35 40	Attenuation Graph Low Freq Mid Freq High Freq
Maximum (Style 40)	Maximum attenuation (noise reduction) for high-noise industrial and recreational environments.	OtoBlast	29 dB	40 dB	10 10 251 PEI 138 288 789 889 889 889
Filtered (Style 47-40)	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	10 10 10 10 10 10 10 10 10 10 10 10 10 1
Convertible (Style 47-40 Convertible)	The filter allows some speech and sound awareness. Easily converts to a solid earpiece. Detachable cord makes conversion easy.	OtoBlast - Open OtoBlast - Plugged AquaNot - Open AquaNot - Plugged	21 dB 28 dB 16 dB 23 dB	31 dB 38 dB 27 dB 34 dB	10 10 25 15 15 15 15 15 16 16 17 16 17 16 17 17 17 17 17 17 17 17 17 17 17 17 17
Concert (Style 49)	Ideal for performing musicians and concert- goers. Flat attenuation allows the wearer to hear sounds accurately but at reduced levels.	OtoBlast ER-9 OtoBlast ER-15 OtoBlast ER-25		9 dB approx.  15 dB approx.  25 dB approx.  ER-9,15 and 25 data provided by Etymotic Research 2002.	10 10 22 25 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28
AquaNot (Style AQ)	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	10 10 251 PEI 128 201 129 WW EPP WY
Sleeping (Style 40-4)	Designed to promote comfortable and uninterrupted sleep.	OtoBlast AquaNot	27 dB 24 dB	39 dB 37 dB	20 250 250 1000 2000 7760 4000 0000 0000
Common noise levels (dB), and the state of t	heir effect upon hearing*. winge Refugled Hoof	d come side of the little that the little of	it de	Collage, Being the Being the Childer, C	se popletrodije postoriet pstatinetisti speatsket
0 10 20	30 40 50	60 70	8	Two hours  80 85 90 100  Eight hours 15 minutes	1.5 minutes Less than one second  110 120 130 140+  Less than 10 seconds Instantaneous Threshold of pain permanent damage

