PELTOR® ENGINEERING MAKES THE EASY CHOICE THE BEST CHOICE

Peltor's OPTIME™ line of muffs incorporates all the acoustic engineering, wearer-focused comfort design, and performance versatility that has made Peltor the leading name in earmuff protectors for over 50 years. Feature for feature, it's the best of the bests.

MULTI-POSITION DESIGNS are available in headband, neckband, helmet-attachable and folding models to meet virtually every application need and wearer preference.

LIQUID & FOAM FILLED CUSHIONS and broad, soft rings are the ultimate for a better seal (even with eyewear) and better comfort.

PADDED WIDE HEADBAND WITH FOUR-POINT STEEL SUSPENSION BAND cushions head while suspension distributes pressure for extra comfort and fits most facial profiles. Stainless steel construction resists bending and warping.

EARCUP PIVOT-POINTS allow wearers to tilt and adjust earcups for optimum comfort and efficiency.

COLOR-CODING ALLOWS COMPLIANCE SIGHTING

The colors of the Optime muffs allow supervisors to see from a distance if the correct muff is being used in an area.

CHOOSING THE RIGHT EARMUFF for workers is a critical decision. A muff with too little attenuation leaves workers open to hearing dangers. One with too high of a protection level can "overprotect" and make it difficult to hear voices, signals, and make a worker feel isolated ... a common reason sited for non-compliance

NOW, THERE'S AN EASY SOLUTION.

JUST MATCH THE NUMBERS TO THE NOISE LEVELS

The **OPTIME LINE** is divided by protection levels 95, 98, 101 and 105 dBA. All you have to do is match the Optime number to the assessed noise level* of an individual's work area (see back page). For example, if an area's noise level can reach up to (without exceeding) 98 dBA, the right muff for a worker would be the Optime 98.

BEST OF ALL, IT'S THAT EASY. AND THAT EFFECTIVE.

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THE RIGHT WAY TO CHOOSE THE RIGHT EARMUFF.

PELTOR®

The Sound Solution

*The OPTIME NUMBER is a guideline for the maximum time-weighted average A-weighted exposures in which the product, when properly worn and in good condition, can provide adequate protection to meet OSHA hearing conservation guidelines. However, the user must make sure that the specific muff and style selected provides appropriate protection. To be effective, the hearing protector should be used within a hearing conservation program that also includes noise level assessments by qualified personnel, training, audiometric testing and engineering controls. OPTIME recommendations are based upon testing per Method B of the most recent ANSI standard, S12.6-1997 (R2002). Method B provides data that approximate the upper limits to attenuation that can be expected for *groups* of occupational users. Properly trained and motivated individuals can potentially obtain greater protection. For additional information on Method B visit www.e-a-r.com/hearingconservation and select the EARLog series of articles.

CUSTOMER SERVICE

	Inside U.S.	Outside of North America	Technical Information
Phone	1-800-225-9038	317-692-6643	1-800-44-4774
Fax	1-800-488-8007	317-656-5827	508-764-5640

ADDRESS: 8001 Woodland Drive, Indianapolis, IN 46278
E-MAIL: customer_service@aearo.com
FOR MORE INFORMATION, visit www.aearo.com

OPTIME 95

FOR LOUD NOISE LEVELS UP TO 95 dBA ◂

The lightweight **OPTIME 95** muff features very low profile ear cups that fit well with most helmets, eyewear and other safety equipment. It is a comfortable choice that can provide effective protection, especially against the high-frequency noise associated with many work areas and functions including machine shops and power tools.

Optime 95
with Headband
Model H6A/V

Optime 95
with Neckband
for Behind-The-
Head Wear
Model H6B/V

Optime 95
Folding
Model H6F/V

Optime 95
Helmet Attachable
Model H6P3E/V

OCTAVE BAND ATTENUATION DATA (dB) — ANSI 53.19-1974

Product Code	Description	NRR	Class	Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
H6A/V	Over-the Head Earmuff with Headband	21	B	Mean	11.0	17.2	28.7	33.5	35.7	37.7	36.2	37.3	36.7
				Standard Deviation	3.0	3.2	2.3	2.6	2.0	3.7	3.0	3.0	3.9
H6B/V	Earmuff Behind-the-Head	21	A	Mean	12.0	16.0	28.1	32.0	35.9	38.8	37.0	37.1	36.7
				Standard Deviation	3.5	2.6	2.7	2.0	2.3	3.3	3.3	2.5	3.4
H6F/V	Over-the Head Folding Earmuff	21	B	Mean	12.1	16.9	28.6	33.2	35.6	35.9	35.3	37.8	37.2
				Standard Deviation	3.3	3.1	3.0	2.1	3.2	3.0	2.7	2.5	3.1
H6P3E/V	Helmet Attachable Earmuff	21	A	Mean	12.3	17.2	27.8	32.8	33.9	36.5	36.0	36.5	36.8
				Standard Deviation	2.7	3.0	2.5	2.8	2.9	4.1	3.0	4.3	4.8

OPTIME 98

FOR LOUDER NOISE LEVELS UP TO 98 dBA ◂◂

The **OPTIME 98** is one of the most versatile earmuffs in industry today as it delivers the proper protection needed for a broad range of work areas with increased noise levels. When assessed noise levels reach up to 98 dBA, there is no better choice earmuff than the OPTIME 98

Optime 98
with Headband
Model H9A

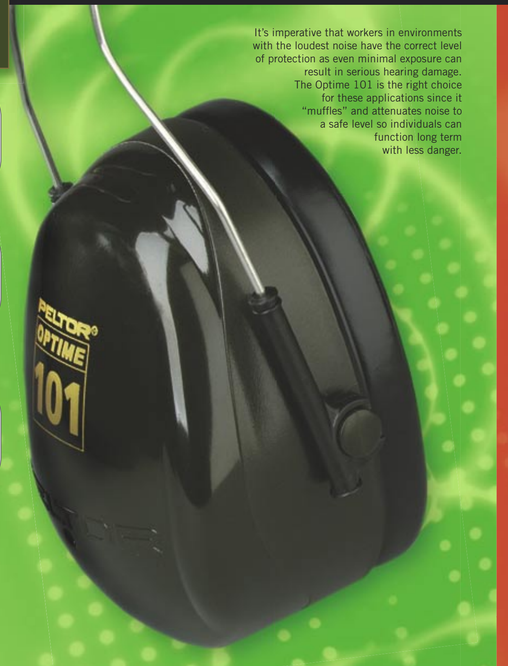
Optime 98
Helmet Attachable
Model H9P3E

OCTAVE BAND ATTENUATION DATA (dB) — ANSI 53.19-1974

Product Code	Description	NRR	Class	Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
H9A	Over-the-Head Earmuff with Headband	25	A	Mean	15.5	22.0	32.7	39.7	36.5	42.7	40.1	39.8	40.6
				Standard Deviation	2.7	3.5	2.6	2.4	2.6	2.6	2.8	2.7	2.5
H9P3E	Helmet Attachable Earmuff	23	A	Mean	14.0	20.7	31.2	36.6	36.6	40.5	38.4	38.1	39.0
				Standard Deviation	3.2	3.6	3.0	2.9	2.8	2.9	3.6	2.3	3.6

OPTIME 101

FOR LOUDEST NOISE LEVELS UP TO 101 dBA ◂◂◂



It's imperative that workers in environments with the loudest noise have the correct level of protection as even minimal exposure can result in serious hearing damage. The Optime 101 is the right choice for these applications since it "muffles" and attenuates noise to a safe level so individuals can function long term with less danger.

Optime 101
with Headband
Model H7A

Optime 101
with Neckband for
Behind-the-Head Wear
Model H7B

Optime 101
Helmet Attachable
Model H7P3E

OCTAVE BAND ATTENUATION DATA (dB) — ANSI 53.19-1974

Product Code	Description	NRR	Class	Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
H7A	Over-the-Head Earmuff with Headband	27	A	Mean	15.5	24.5	35.3	40.0	36.9	39.9	37.5	37.7	38.1
				Standard Deviation	3.0	2.0	2.4	2.8	2.6	2.8	3.2	2.7	3.9
H7B	Earmuff Behind-the-Head	26	A	Mean	16.8	23.5	34.8	39.7	36.5	35.8	36.2	40.1	40.1
				Standard Deviation	3.4	2.8	2.1	2.6	2.3	2.2	2.4	2.4	3.0
H7P3E	Helmet Attachable Earmuff	24	A	Mean	14.6	22.8	33.3	38.0	35.9	35.9	35.5	36.1	36.3
				Standard Deviation	3.4	2.7	2.8	3.3	3.3	2.6	2.1	3.9	4.1

OPTIME 105

FOR EXTREME LEVELS UP TO 105 dBA ◂◂◂◂

Developed for the ultimate protection in the most demanding noise environments. The OPTIME 105 features added mass and volume, plus a unique "double-shell" earcup design (two cups connected via a foam inner layer to reduce structural resonances) to provide the maximum in noise reduction throughout the full range of low and high frequencies.

Optime 105
with Headband
Model H10A

Optime 105
with Neckband for
Behind-the-Head Wear
Model H10B

Optime 105
Helmet Attachable
Model H10P3E

OCTAVE BAND ATTENUATION DATA (dB) — ANSI 53.19-1974

Product Code	Description	NRR	Class	Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
H10A	Over-the Head Earmuff with Headband	30	AL	Mean	21.0	26.0	36.6	40.6	38.0	41.8	40.7	41.7	41.3
				Standard Deviation	1.9	2.3	2.3	2.4	2.5	2.7	1.8	2.1	2.5
H10B	Earmuff Behind-the-Head	29	AL	Mean	21.0	26.4	37.1	40.0	36.9	40.4	42.1	41.6	42.2
				Standard Deviation	2.7	2.6	3.0	3.6	2.4	3.4	2.8	2.9	2.5
H10P3E	Helmet Attachable Earmuff	27	AL	Mean	20.7	25.5	36.2	38.3	35.7	39.3	41.3	42.1	41.3
				Standard Deviation	3.0	3.3	3.9	3.4	2.9	3.5	3.4	2.5	3.1