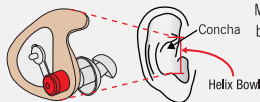


**SIZING**



Medium EP3s fit most people. Size is based on size of the ear's Helix Bowl.  
 1" = medium  
 Less than 1" = small  
 Greater than 1" = large

**ATTENUATION DATA (ANSI STD S3.19-1974)**

Test Frequencies (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean Attenuation (dB)	32.3	32.5	32.5	31.1	32.4	31.0	30.2	36.2	42.0	<b>16</b>
Standard Deviation (dB)	5.8	6.9	6.4	7.0	5.0	6.4	8.5	8.2	7.4	

**Noise Reduction Rating** **16** Decibels  
 (When used as directed)

THE RANGE OF NOISE REDUCTION RATINGS FOR EXISTING HEARING PROTECTORS IS APPROXIMATELY 0 TO 30 (HIGHER NUMBERS DENOTE GREATER EFFECTIVENESS)

EarPro® by SureFire® Fountain Valley, CA      EP3 Sonic Defenders®

Federal law prohibits removal of this label prior to purchase      EPA      LABEL REQUIRED BY U.S. EPA REGULATION 40 CFR Part 211, Subpart B

Starting at a noise level of 85dB, an attenuation value of 26dB is achieved, rising to a value of 34dB at a noise level of 90dB. Attenuation levels remain at an average of roughly 35dB up to a noise level of 120dB. Example: If the noise level is 110dB, Sonic Defenders will attenuate the sound to 74dB, well below the dangerous noise threshold of 85dB.

NRR is based on attenuation of continuous noise and may not be an accurate indicator of protection attainable against impulsive noise such as gunfire. EarPro has conducted independent testing and found EP3 Sonic Defenders to be effective in helping protect against impulse noise as well as continuous noise.

**CAUTION:** For noise environments dominated by frequencies below 500 Hz, C-weighted environmental noise level should be used.

**Sonic Defenders and NRR**

NRR testing is done in a quiet environment; however, ear protection is not needed in quiet environments. Sonic Defenders are primarily for use in a noisy environment (above 85dB), where their Hocks Noise Braker® filters block potentially dangerous noise levels, while allowing safe sounds (below 85dB) to pass into the ear canal. Sonic Defenders offer greater protection in noisy environments—the louder the environment, the more the attenuation.



PATENTS PENDING



30-02-489 REV. B



**EP3**  
 Sonic Defenders®  
 Hearing Protection  
 Earpieces

- Double-flange design fits most people
- Protects against loud, harmful noises or directs radio transmissions into ear canal
- Allows normal conversation to be heard
- Ergonomic shape and soft, durable polymer provide all-day comfort and extended product life

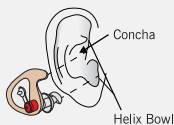
SM



Sonic Defenders® help protect your hearing from harmful noise levels—without interfering with the hearing of routine sounds or conversations. Potentially dangerous noises (above 85dB) can't pass through their Hocks Noise Braker® filters, while safe sound levels easily pass through and into the ear canal. To block lower-level noise in quiet situations, the attached stopper plug can be inserted. Sonic Defenders don't come loose like other in-ear hearing protection can. Their ergonomic shape ensures they fit the same way each time, providing all-day comfort and maximum retention. And their low-profile design means they can be worn under a hat, helmet, headset, or mask—even while using the phone.

**EP3 INSTALLATION**

NOTE: EarPro Sonic Defenders are color-coded for easy, mistake-proof installation.



- Gently insert flanged stem of red Sonic Defender into right ear canal, deep enough for second flange to seal around ear canal. Fit half-round earpiece helix to the natural contour of the concha surrounding ear canal.
- Repeat process with white earpiece for left ear. Some wearers prefer to use a "rotation" insertion, starting with a slightly forward orientation, then rotating the earpiece backward, while inserting, to lock into place.
- To block lower-level noise in quiet environments, insert stopper plug into outer hole in earpiece stem and push in until snug.

NOTE: Inserting stopper plug will negate Hocks Noise Braker filter's ability to let routine sounds or conversations pass safely through.

**WARNING:** Improper fit of this device will reduce its effectiveness. Consult instructions for a proper fit. Failure to follow instructions could result in hearing loss and/or injury. Sonic Defenders® fit most people; however, no hearing protection fits everyone. If proper fit cannot be achieved following instructions discontinue use. Do not insert stoppers in environments with extreme air/water pressure or where abrupt pressure changes occur.

**STEM ADJUSTMENT**

Remove earpiece and pull or push stem out or in to lengthen or shorten for comfort.

**EP3 TESTING**

- Clap hands, insert earpieces with stoppers out, and clap again. If there is no noticeable decrease in volume, check fit, adjust as needed, reinsert and retest.
- Check seal by covering outer hole in earpiece stem with fingertip; press and then remove. Detection of a slight suction indicates a proper seal.

**RADIO COMM. KIT USE**

- Remove Hocks Noise Braker® filter from desired EP3 earpiece and store in a safe place for future use.

NOTE: EP3 earpieces no longer serve as hearing protection once Hocks Noise Braker filter has been removed.

- Insert elbow connector of radio communication sound tube into exterior hole of EP3 earpiece and push in until snug.

**CLEANING AND PRODUCT LIFE**

EarPro earpieces should last from 3 to 6+ months, depending on usage and care. Clean with mild soap and water or alcohol swabs and allow to air dry. Replace when they become stiff and hardened.

Do not leave or store your EarPro earpieces in direct sunlight. If exposed to salt water, rinse with fresh water and allow to air dry.

**EARPRO BY SUREFIRE WARRANTY**

EarPro by SureFire warrants this product to be free from defect in workmanship and materials for a period of 90 days from the date of purchase. At our discretion, we will repair, replace, or refund your original purchase price of this product if it is determined, by us, to be defective. Damage resulting from abuse, neglect, or altering this product from its original state is not covered.



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