



HEARING PROTECTION

ALL-DAY PROTECTION & COMFORT. EVERYDAY APPLICATIONS.



EP3

SONIC DEFENDERS®

Filtered, Double-Flanged Earplugs with **24 dB NRR**

MADE IN USA



SureFire® EP3 Sonic Defenders® protect your hearing from dangerous noise levels—including sudden impulse noise like gunshots—while allowing you to still hear safe ambient sounds. So you enjoy effective hearing protection while maintaining situational awareness and the ability to hear important conversations or commands.

EP3 SONIC DEFENDERS FEATURES

- **Two levels of protection with filter caps in or out—the louder the noise, the more the protection**
- **Patented EarLock® rings provide unparalleled retention**
- **Double-flanged stem is adjustable for comfort & fit**
- **Hypoallergenic soft-polymer construction provides all-day comfort & durability**
- **Can be used as an earpiece for compatible radio communication systems**

NOISE-REDUCING FILTERS

Filtered Sonic Defenders use established, **non-electronic technology** to reduce dangerous noise while allowing the hearing of safe-level conversations, commands, and ambient sounds.

- 1 Loud, potentially harmful sound waves enter the filter.**
- 2 Sound waves above 85dB hit the ridges inside the filter.**
- 3 These sound waves reflect off the ridges of the narrowing walls and cancel themselves out.**
- 4 Dangerous sound levels are reduced, and safe levels pass through.**
- 5 The louder the sound, the more noise gets canceled.**

FILTER CAP
can be inserted to block ambient sound & conversation

NOISE-REDUCING FILTER
lowers dangerous sound levels while allowing ambient sound and conversation to be heard



LOUD NOISE

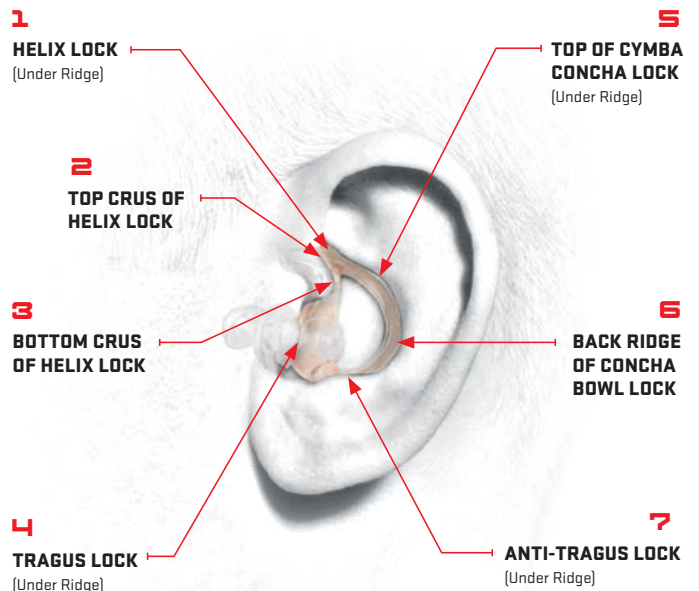
SPEECH-LEVEL SOUND
enters ear canal; soft-polymer flanged stem provides all-day comfort

DANGEROUS NOISE
is reduced to safer levels

PATENTED EARLOCK® RETENTION RINGS



SureFire Sonic Defenders feature our innovative EarLock outer rings, which lock the earplugs in place with seven unique grab points. A low-profile design allows for easy wearing under a hat, helmet, mask, headset, or supplemental muffs—even while using the phone.

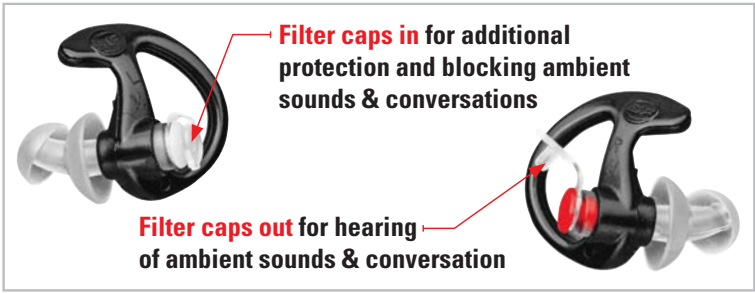


All SureFire earplugs and earpieces feature seven unique grab points.

PROTECTS AGAINST TWO TYPES OF NOISE...

1. **CONSTANT NOISE**
(example: loud roar of an engine)
2. **IMPULSE NOISE**
(example: gunshot or explosion)

PROVIDES TWO LEVELS OF HEARING PROTECTION...



NOISE REDUCTION RATING (NRR)

EP3 Sonic Defenders - FILTER CAPS OUT

ATTENUATION DATA (ANSI STD S3.19-1974)

Test Frequencies (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean Attenuation (dB)	10.3	11.1	16.5	20.1	26.6	26.1	24.9	30.8	36.7	11
Standard Deviation (dB)	4	3.9	3.5	3.5	4.1	4.2	4.3	4.6	6	

Noise Reduction Rating **11** Decibels with filter caps out (when used as directed)

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

SureFire® Fountain Valley, CA EP3 Sonic Defenders*

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

WARNING: Improper fit of this device will reduce its effectiveness in attenuating noise. Consult instructions for proper fit. Failure to follow instructions could result in hearing loss and/or injury. EP3 Sonic Defenders fit most people; however, no hearing protection fits everyone. If proper fit cannot be achieved following instructions, discontinue use. Do not use in environments with extreme air/water pressure or where abrupt pressure changes occur. EP3s should not be worn underwater in depths exceeding one meter.

EP3 Sonic Defenders - FILTER CAPS IN

ATTENUATION DATA (ANSI STD S3.19-1974)

Test Frequencies (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean Attenuation (dB)	31.1	29.9	33.9	31.2	35.6	37.5	33.6	41.8	43.5	24
Standard Deviation (dB)	3.3	4.3	4.4	2.9	3.8	5.7	4.5	6.6	6.3	

Noise Reduction Rating **24** Decibels with filter caps in (when used as directed)

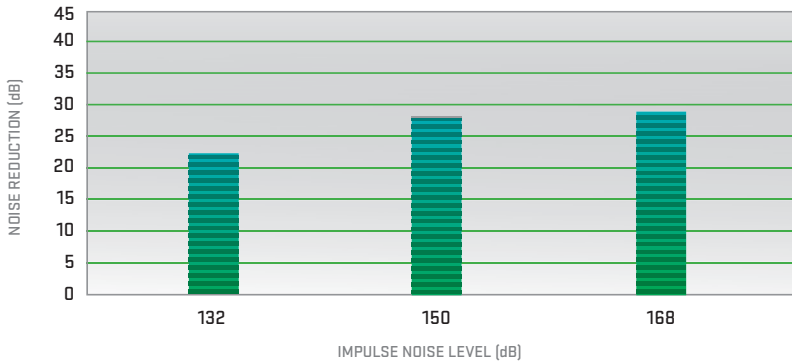
THE RANGE OF NOISE REDUCTION RATINGS FOR EXISTING HEARING PROTECTORS IS APPROXIMATELY 0 TO 30 (HIGHER NUMBERS DENOTE GREATER EFFECTIVENESS)

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IMPULSE NOISE DATA

EP3 Impulse Noise Reduction—Filter Caps Out

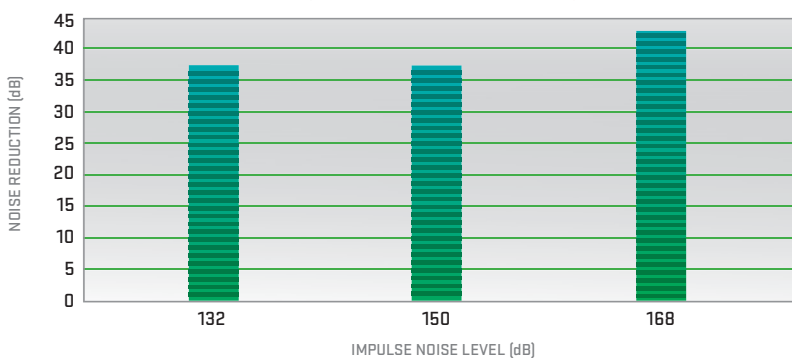


Average Peak Impulse Level dB Reduction

132 dB Overall Average PIL	23.2
150 dB Overall Average PIL	28.9
168 dB Overall Average PIL	29.1

ANSI S12.42-2010

EP3 Impulse Noise Reduction—Filter Caps In



Average Peak Impulse Level dB Reduction

132 dB Overall Average PIL	37.5
150 dB Overall Average PIL	37.4
168 dB Overall Average PIL	41.9

ANSI S12.42-2010

SIZING, FITTING & TESTING

EP3 COLORS & SIZES

Colors: Black, orange, clear

Sizes: Small, medium, large

Accessories: Included 26" retention lanyard



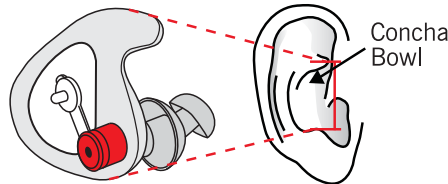
EP3 SIZING

Medium EP3s fit most people. Sizing is based on the ear's concha bowl:

1" = Medium

Less than 1" = Small

Greater than 1" = Large



To install & test:

- Starting with the EarLock® retention ring oriented slightly backward, rotate the earplug forward while inserting the stem of the red-filtered EP3 into the right ear canal deep enough for the uppermost flange to seal. Fit the retention ring to the natural contour of the concha bowl surrounding the ear canal to lock the earplug in place.
- Check the seal by placing your fingertip over the outer hole of filter and then removing. Detection of a slight suction indicates a proper seal.
- Repeat process with white-filtered earplug for left ear.
- Test earplugs by clapping, with filter caps out. If no noticeable decrease in volume, reinsert and retest.
- To block lower-level noise* in quiet environments and to maximize protection, insert attached filter cap into filter's hole and push in until snug.

* Inserting filter cap negates noise-reducing filter's ability to let ambient sounds & conversations pass safely through.

ORDERING INFORMATION

EP3 Sonic Defenders® are available in clamshell retail packaging, featuring a single pair of earplugs in a plastic carrying case, and bulk packaging, featuring 25 pairs of poly-bagged earplugs in plastic carrying cases.

Catalog Number	UPC	Package Contents	NSN
CLEAR MODELS			
EP3-SPR	084871250641	Clamshell with one pair of SMALL clear earplugs	6515-01-549-6448
EP3-MPR	084871250603	Clamshell with one pair of MEDIUM clear earplugs	6515-01-549-6453
EP3-LPR	084871250610	Clamshell with one pair of LARGE clear earplugs	6515-01-549-6457
EP3-SPR-BULK	084871310048	Dispenser box of 25 pairs of SMALL clear earplugs	6515-01-606-4493
EP3-MPR-BULK	084871250603	Dispenser box of 25 pairs of MEDIUM clear earplugs	6515-01-606-4498
EP3-LPR-BULK	084871250634	Dispenser box of 25 pairs of LARGE clear earplugs	6515-01-606-4499
BLACK MODELS			
EP3-BK-SPR	084871315159	Clamshell with one pair of SMALL black earplugs	6515-01-603-3448
EP3-BK-MPR	084871315166	Clamshell with one pair of MEDIUM black earplugs	6515-01-603-3450
EP3-BK-LPR	084871315173	Clamshell with one pair of LARGE black earplugs	6515-01-603-3453
EP3-BK-SPR-BULK	084871315500	Dispenser box of 25 pairs of SMALL black earplugs	6515-01-606-4516
EP3-BK-MPR-BULK	084871315517	Dispenser box of 25 pairs of MEDIUM black earplugs	6515-01-606-4544
EP3-BK-LPR-BULK	084871315524	Dispenser box of 25 pairs of LARGE black earplugs	6515-01-606-4547
ORANGE MODELS			
EP3-OR-SPR	084871318815	Clamshell with one pair of SMALL orange earplugs	
EP3-OR-MPR	084871318822	Clamshell with one pair of MEDIUM orange earplugs	
EP3-OR-LPR	084871318839	Clamshell with one pair of LARGE orange earplugs	
EP3-OR-SPR-BULK	084871318846	Dispenser box of 25 pairs of SMALL orange earplugs	
EP3-OR-MPR-BULK	084871318853	Dispenser box of 25 pairs of MEDIUM orange earplugs	
EP3-OR-LPR-BULK	084871318860	Dispenser box of 25 pairs of LARGE orange earplugs	

CLEANING & PRODUCT LIFE

EP3 Sonic Defenders typically last up to 6+ months, depending on usage and care. Clean with mild soap and water or alcohol swabs and allow to air dry. If exposed to salt water, rinse with fresh water and allow to air dry. Replace when they become stiff and hardened.

RADIO SYSTEM EARPIECE USE

With its noise-reducing filter removed**, an EP3 earplug can be used as a comfortable, high-performance earpiece with many popular radio communication systems.

**EP3s provide a reduced level of hearing protection with noise-reducing filters removed.

SUREFIRE NO-HASSLE PROMISE

We'll do what it takes to keep your SureFire gear running smoothly.

SureFire warrants that if you—our customer—purchase one of our products, and we determine that it is defective in material and/or workmanship, we will repair or replace it for free or refund your money—no hassle! SureFire Hearing Protection products are warranted for 90 days from the date of purchase. Our warranty does not cover consumables, or normal wear-and-tear, or damage resulting from abuse, alterations, unauthorized repairs, or use contrary to SureFire's user manuals. For complete warranty information, visit www.surefire.com/warranty.

TO ORDER OR LOCATE A DEALER:

www.surefire.com/tactical-equipment/hearing-protection

www.surefire.com/dealer-locator

800-828-8809 or 714-545-9444 (U.S.A.)

00-800-7843-7843 (UK & Germany)