

Noise
Reduction
Rating

12 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)

ETYMOTIC RESEARCH, INC.
ELK GROVE VILLAGE, IL 60007

ER-20

Federal law prohibits
removal of this label
prior to purchase.



LABEL REQUIRED BY
U.S. E.P.A. REGULATION
40 CFR Part 211, Subpart B.

NRR: The government-required labeling of this product is NRR=12 dB, but actual clinical measurements of **properly inserted** ER-20s indicate that these earplugs provide almost equal sound reduction (20 dB) across the range of hearing.

Safe Exposure (hours per week)

Sound Level (in dB SPL)	Exposure Type	Open Ears	Using ER-20s
85	Restaurant	40 hrs	SAFE
94	Subway	5 hrs	SAFE
97	Live band	2.5 hrs	40 hrs
100	Sports event	1.25 hrs	20 hrs
112	Rock concert	5 mins	1.25 hrs
115	Siren	2.5 mins	36 mins

WARNING:

DON'T EXPOSE YOUR EARS BEYOND THE SAFE TIMES SHOWN ABOVE.
EARPLUGS MUST BE INSERTED PROPERLY TO BE EFFECTIVE.

LOT #

ETYMOTIC RESEARCH, INC.

ER-20
high-fidelity
earplugs



- *Music and voices are clear, not muffled*
- *Professional quality*

*Designed by the leaders in
custom hearing protection*

Not Your Average Earplug

ER20-20K-03/04

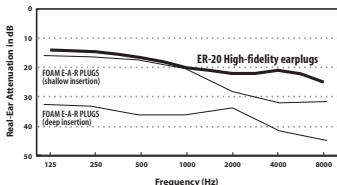
1 Pair



About Your Earplugs

Unlike foam earplugs that block out high frequencies—making speech and music sound muffled—these patented earplugs reduce the overall sound 20 decibels evenly across all frequencies. Speech and music stay clear, just quieter, like turning down the volume.

Earplug Attenuation (Sound Reduction)



The above graph shows that ER-20s provide almost equal sound reduction (20 dB) across the range of hearing. Foam earplugs muffle the high frequencies of speech and music.

The ER family of earplugs is covered by three U.S. patents: 4,807,612, 4,852,683 and 5,113,967.

Inserting Your Earplugs

- Insert the plug by grasping the end cap and inserting the white eartip until the largest flange is sealed in the ear canal entrance. To ease insertion, moisten the plug and pull the ear outward and upward. Earplugs must be inserted correctly for optimal effectiveness. Deep insertion will provide better sound quality.



Removing Your Earplugs

- Remove with a slow twisting motion.

Cleaning

- Do not take earplugs apart; clean with damp cloth
- Do not use alcohol

Ordering Information

- ER-20 earplugs are available in red, blue, beige, purple and clear (all reduce sound 20 dB).
- Neck cords are available in red, blue, purple, neon yellow and black.



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