

ETYMOTIC RESEARCH

**ETY•Plugs® HD**  
SAFETY EARPLUGS

Foam earplugs may block too much sound, making it difficult to hear speech and warning signals. Worn correctly, **ETY•Plugs® HD Safety Earplugs** reduce all sounds evenly by 20 dB, so speech can be heard clearly. The sound reduction of sealed ETY•Plugs is adequate protection for most industrial and recreational activities.

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

ER20

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.

Frequency in Hz	125	250	500	1000	2000	4000	8000
Mean Attenuation in dB	13.2	15.3	16.7	18.3	20.8	18.3	21.6
Standard Deviation in dB	2.5	2.3	2.2	3.1	2.8	2.0	2.9
APV in dB	10.7	13.0	14.5	15.2	18.0	16.3	18.7

H = 17 dB, M = 16 dB, L = 14 dB, SNR = 18 dB

H: Average attenuation characteristics in the high frequency spectrum (>2 kHz)  
M: Average attenuation characteristics in the mid frequency spectrum (0.5-2 kHz)  
L: Average attenuation characteristics in the low frequency spectrum (<0.5 kHz)

APV (Assumed Protection Value): Europe

SNR (Single Number Rating): Average attenuation characteristics in the standard frequency spectrum

European Union testing conducted by: CIOP-PIB No.1437, Warsaw, Poland.  
Attenuation was determined in accordance with EN352.

ER20-SFT-WHITE-P  
Clear stem white tip



ER020648-B

**WO-51775**

[www.etymotic.com](http://www.etymotic.com)

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**IMPORTANT:** ETY•Plugs® HD Safety Earplugs are reusable. With heavy use the eartips can weaken and could break. Replace every 3-6 months.

**IMPORTANT:** les ETY•Plugs® HD sont réutilisables. En cas d'utilisation intensive, les embouts peuvent se dégrader et se rompre. Remplacer tous les 3 à 6 mois.

**IMPORTANTE:** ETY•Plugs® HD son reutilizables. Con uso intenso, las puntas de oído pueden debilitarse y se podrían romper. Sustituir cada 3-6 meses.

**BITTE BEACHTEN:** ETY•Plugs® HD sind wiederverwendbar. Bei starker Beanspruchung können die Ohrpasstücke ermüden und brechen. Alle 3-6 Monate ersetzen.

The level of noise entering a person's ear when a hearing protector is worn as directed is closely approximated by the difference between the A-weighted environmental noise level and the NRR.

Improper fit of this device will reduce its effectiveness in attenuating noise. Consult the enclosed instructions for proper fit.

Although hearing protectors can be recommended for protection against the harmful effects of impulsive noise, the Noise Reduction Rating (NRR) is based on the attenuation of *continuous* noise and may not be an accurate indicator of the protection attainable against *impulsive* noise such as gunfire.

