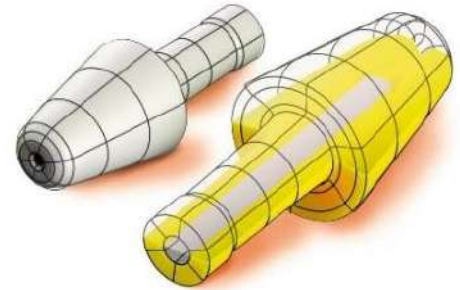




3M™ E-A-R™ Flexible Fit HA Earplug

Features

- Soft foam tip and flexible foam-covered fitting stem allows easy insertion into the ear canal using one or two hands
- Durable foam-encapsulated design
- No roll-down design of the foam tip makes it easier to insert with the flexible fitting stem when wearers have gloved or dirty hands
- 3M™ E-A-R™ Flexible Fit Earplugs are fit-testable with the 3M™ E-A-Rfit™ Dual-Ear Validation System



Materials

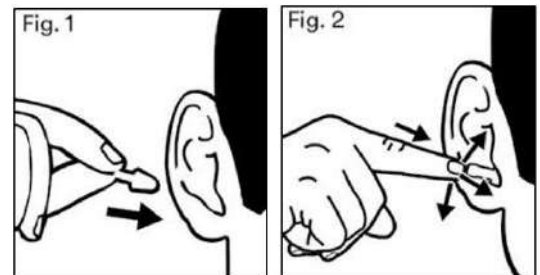
- Earplugs: TPE
- Stem: TPE
- Cord: TPE

Fitting Instructions

Earplugs should be clean before use. Use either the One-Hand Method (less noise reduction) or the Two-Hand Method (more noise reduction) to insert the earplug into your ear. Consult your supervisor to determine which method to use to provide the necessary level of protection for your noise exposure.

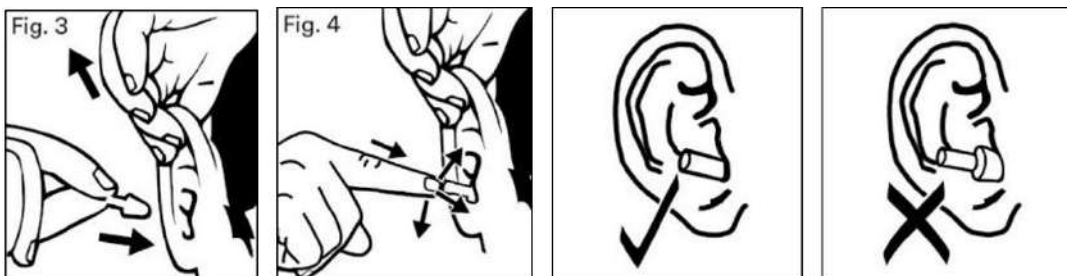
One-Hand Method

1. INSERT rounded ear tip into ear canal while holding stem with thumb and finger. (Fig. 1)
2. HOLD PRESSURE on stem for a few seconds WHILE INSERTING. If needed, push stem from a different direction to make insertion easier. (Fig. 2)
3. The entire ear tip should be inside the ear canal.



Two-Hand Method

1. INSERT rounded ear tip into ear canal WHILE PULLING ear outward and upward with opposite hand. (Fig. 3)
2. HOLD PRESSURE on stem for a few seconds WHILE INSERTING. If needed, push stem from a different direction to make insertion easier. (Fig. 4)
3. The entire ear tip should be inside the ear canal.



CHECK FIT After Inserting Earplug

- PULL earplug stem gently. Earplug should not come out of the ear easily. If it does, remove earplug and repeat fitting.
- LISTEN to steady loud noise with earplugs in both ears. Cover both ears with tightly cupped hands. Noise should sound about the same whether ears are covered or not.

WARNING

3M strongly recommends fit testing of hearing protectors. Research suggests that many users will receive less noise reduction than indicated by the NRR due to variation in hearing protector fit, fitting skill, and motivation of the user. If the NRR is used, 3M recommends it be reduced by 50% or in accordance with applicable regulations.

Usage, Cleaning, and Storage

- If there is any drainage from your ear or you have an ear infection, consult with your physician before wearing earplugs. Failure to do so may result in hearing loss or injury.
- Wipe dirt or debris from earplugs before reusing.
- Replace foam earplugs when they become damaged or when they no longer recover to their original shape, softness and expansion characteristics after being removed from the ear.
- Store earplugs in original packaging out of direct sunlight.

Laboratory Attenuation

One-Hand Insertion Method

ANSI S3.19-1974

Ferquency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA Class
Mean Attenuation (dB)	31.9	28.9	32.7	33.8	37.7	40.2	38.8	42.1	43.6	25	AL
Standard Deviation (dB)	4.3	4	4.9	4.9	4.2	4.3	3.4	4.1	3.3		

AS/NZ 1270-2002

Ferquency (Hz)	125	250	500	1000	2000	4000	8000	SLC ₍₈₀₎	CLASS
Mean Attenuation (dB)	21.0	17.1	20.2	22.8	29.7	32.5	31.5	16	2
Standard Deviation (dB)	12.9	11.5	11.8	9.7	7.3	9.3	11.0		
Mean Minus SD (dB)	8.1	5.6	8.4	13.1	22.4	23.2	20.5		

Two-Hand Insertion Method

ANSI S3.19-1974

Ferquency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA Class
Mean Attenuation (dB)	34.1	30.0	35.5	35.2	36.6	41.6	42.4	42.8	46.9	30	AL
Standard Deviation (dB)	3.1	2.0	2.7	3.0	2.1	3.7	3.5	4.0	4.3		

AS/NZ 1270-2002

Ferquency (Hz)	125	250	500	1000	2000	4000	8000	SLC ₍₈₀₎	CLASS
Mean Attenuation (dB)	23.4	20.0	22.2	24.5	31.7	33.6	33.7	20	3
Standard Deviation (dB)	10.6	9.1	9.6	7.5	6.2	7.3	9.9		
Mean Minus SD (dB)	12.8	10.9	12.6	17.0	25.5	26.3	23.8		

IMPORTANT NOTE

The product package is labeled in accordance with requirements for hearing protectors in the United States (U.S. EPA and OSHA), Canada (CSA), Australia and New Zealand (AS/NZ).

 **WARNING**

Choking hazard-keep earplugs away from infants and small children. These hearing protectors help reduce exposure to hazardous noise and other sounds. Users must read all *User Instructions* and be trained on proper fit and use. Improper fit or inconsistent use will reduce effectiveness. Failure to follow all *User Instructions* and/or to properly wear these hearing protectors during noise exposure may result in adverse health effects including injury and/or permanent hearing loss. If there is any drainage from the ear or ear infection, consult a physician before wearing earplugs. Failure to do so may result in hearing loss or injury.

Approvals

In the United States, there is no product certification requirement for hearing protection. The American National Standards Institute (ANSI) is a private non-profit organization that oversees the development of voluntary consensus standards for products in the United States. There is, however, a U. S. Environmental Protection Agency labeling requirement which specifies that devices must be tested to ANSI S3.19-1974 and labeled with a Noise Reduction Rating (NRR). 3M Hearing Protectors have been tested in accordance with ANSI S3.19-1974 and AS/NZ 1270-2002.



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