

3M™ E-A-R™ UltraFit™ Earplugs

Key benefits:



Comfortable

- ▶ Flexible tri-flange design conforms to most ear canals
- ▶ Soft and durable material improves comfort and wearability



Convenient

- ▶ One size fits the majority of wearers
- ▶ Durable material can be washed up to 50 times
- ▶ Supplied in a re-sealable pack for ease of use
- ▶ No roll-down required – a gentle push is all it takes for easy, consistent insertion
- ▶ Available in both corded and uncorded versions



Protective

- ▶ Tri-flange design provides a reliable seal
- ▶ No need to handle the plug tip making them more hygienically acceptable
- ▶ Compatible with 3M™ E-A-RFit™ Dual Ear Validation System which measures the effectiveness of the earplug's protection level



94dB–105dB (A)

Suggested for noise levels within this range.

Attenuation values

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mf (dB)	29.2	29.4	29.4	32.2	32.3	36.1	44.3	44.8
sf (dB)	6.0	7.4	6.6	5.3	5.0	3.2	6.0	6.4
APVf (dB)	23.2	22.0	22.7	26.9	27.3	32.8	38.3	38.4

SNR = 32dB. H = 33dB. M = 28dB. L = 25dB.

Key

APVf (dB) = Mf – sf (dB)

Mf = Mean attenuation value

sf = Standard deviation

APVf = Assumed protection value

H = High-frequency attenuation value

M = Medium-frequency attenuation value

L = Low-frequency attenuation value

SNR = Single number rating (the value that is subtracted from the measured C-weighted sound pressure level, L(C) in order to estimate the effective A-weighted sound pressure level inside the ear)

Materials

The following materials are used in the manufacture of this product:

Component	Material
Earplugs	Thermoplastic elastomer
Cord	Recycled PVC

Ordering information

Short ID	Description
3M™ E-A-R™	
UF01000	3M™ E-A-R™ UltraFit™ Earplugs
3M™ E-A-RFit™ Dual Ear Validation System	
393-1100	E-A-RFit Dual Ear Validation System
ULTRAFIP	3M™ E-A-R™ UltraFit™ Earplugs probed test plugs

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