

3M™ E-A-RCaps™

Key benefits:



Protective

- ▶ Foams an effective seal at the entrance of the ear canal
- ▶ No need to handle the plug tip making them more hygienically acceptable
- ▶ Low transmission noise through the band
- ▶ Compatible with 3M™ E-A-RFit™ Dual Ear Validation System which measures the effectiveness of the earplug's protection level



Convenient

- ▶ Easily cleanable band
- ▶ Pods can be easily replaced
- ▶ Easily stored around the neck when not in use
- ▶ No roll-down required – a gentle push is all it takes for easy, consistent insertion
- ▶ Designed to be worn under the chin for minimal interference with other head PPE such as hard hats



Comfortable

- ▶ Soft foam round pod plugs seal the entrance of ear canal for those that do not like inserting roll down earplugs
- ▶ One of the lightest banded hearing protectors on the market



87dB–98dB (A)

Suggested for noise levels within this range.

Attenuation values

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mf (dB)	21.0	20.2	19.8	19.1	23.2	33.4	41.0	40.7
sf (dB)	4.1	4.4	4.2	4.3	3.7	4.5	2.9	5.4
APVf (dB)	16.9	15.8	15.5	14.8	19.5	29.0	38.1	35.2

SNR = 23dB. H = 27dB. M = 19dB. L = 17dB.

Data is for when product is worn under-the-chin, for more wear data on behind the head refer to the Technical Datasheet.

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
Band	Polycarbonate
Ear tip	Polyurethane foam

Ordering information

Short ID	Description
3M™ E-A-R™ Banded EarPlugs	
ECO1000	3M™ E-A-RCap™ banded earplugs
ES01300	3M™ E-A-RCap™ replacement pods
3M™ E-A-RFit™ Dual Ear Validation System	
393-1100	E-A-RFit Dual Ear Validation System
EARCAPSP	3M™ E-A-RCap™ probed test plugs

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