

# 3M™ E-A-Rcaps™ Banded Earplugs

## 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



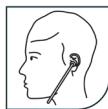
### Comfortable

- ▶ 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

## Attenuation values

	Frequency (Hz) <i>f</i>								H	M	L	SNR
	63	125	250	500	1000	2000	4000	8000				
Mf (dB)	20.6	19.4	19.2	18.4	21.2	29.9	37.7	39.3	28.3	21.5	19.7	25.0
Sf (dB)	3.2	4.6	1.9	2.2	2.3	4.0	4.9	3.5	2.2	1.7	1.5	1.5
APVf (dB)	17.4	14.8	17.3	16.2	18.9	25.9	32.8	35.8	26	20	18	24

\*Performance data is when the product is worn under-the-chin (U-T-C) as approved mode of wear only.



## Key

**f** = Test frequency

**Mf** = Mean attenuation value

**Sf** = Standard deviation

**APVf** (Mf - Sf) = 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, LC in order to estimate the effective A-weighted sound pressure level inside the ear)

Information on Shelf life and service life can be found in the User Instructions.

## 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
<b>3M™ E-A-Rcap™ Banded EarPlugs</b>	
EC01000	3M™ E-A-Rcap™ banded earplugs
ES01300	3M™ E-A-Rcap™ replacement pods
<b>3M™ E-A-Rfit™ Dual Ear Validation System</b>	
393-1100	3M™ E-A-Rfit™ Dual Ear Validation System
EARCAPSP	3M™ E-A-Rcap™ probed test plugs

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