

E-A-Rflex™ Banded Earplugs

Product Description

3M™ E-A-Rflex™ banded hearing protector with foam tips features a unique hinged band fits a wide range of head sizes, and can be worn in three different positions.

Key Features

- Excellent attenuation in all three wearing positions: over-the-head, under-the-chin, and behind-the-neck.
- Pivoting, hinged band provides adjustable positions for a more comfortable fit and seal.
- SLC80 15dB (Class 2).

Applications

The E-A-Rflex™ Banded earplugs are ideal for high noise exposure levels, and are ideally suited to provide protection against all noise frequencies in a wide range of industrial workplace and leisure environment. Examples of typical applications include:

- Automotive
- Chemical & pharmaceutical manufacture
- Construction
- Heavy engineering
- Metal processing
- Textile manufacture
- Woodworking

Standard & Approval

These hearing protectors have been produced to comply with the requirements of the Australian /New Zealand Standard AS/NZS 1270:2002 under an agreed production certification scheme operated during manufacture in accordance with the SAI Global Standards Mark programme.

Materials

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

Component	Material
Earplugs	Polyurethane Foam
Band	PVC



Attenuation values

Frequency	125	250	500	1000	2000	4000	8000
Mean (dB)	14.7	12.8	17.0	19.4	27.2	33.1	32.6
SD (dB)	11.5	8.7	7.5	7.9	8.3	6.7	13.1

SLC(80) = 15dB Class 2

Key

Mean = Mean attenuation value derived from testing in accordance with AS/NZS 1270:2002 SD = Standard Deviation derived from testing in accordance with AS/NZS 1270:2002 Mean - SD = Mean attenuation value minus Standard Deviation SLC(80) = Single number rating commonly used in Australia and New Zealand to compare acoustic performance of hearing protectors. The subscript '80' indicates that in well managed hearing protector programs, the protection provided is expected to equal or exceed the SLC(80) in 80% of protector-wearer noise spectrum combinations. Class = A simplified process for selecting hearing protectors based on the wearers 8-hour equivalent continuous A-weighted sound pressure level.

Important Notice

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