

E-A-R Taperfit II™ Large Earplugs



Product Description

3M™ E-A-R™ TaperFit II™ Large-size uncorded and corded foam earplugs feature smooth foam that expands in the ear canal to help provide comfortable hearing protection.

Key Features

- Poly bag keeps earplugs clean before use.
- Soft polyurethane foam earplugs.
- Test compatible with 3M™ E-A-Rfit™ Validation System.
- SLC80 26dB (Class 5)

Applications

The 3M™ E-A-R™ Taperfit II™ 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 workplaces and leisure environments. Examples of some 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 Australia /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
Cord	PVC

AS/NZS 1270 Attenuation Values

Taperfit II Large

Frequency	125	250	500	1000	2000	4000	8000
Mean d(B)	23.7	24.1	25.4	25.5	33.8	45.0	45.8
SD d(B)	4.2	4.3	4.3	3.8	2.9	4.9	5.0

SLC80 26 dB Class 5

Taperfit II Large Corded

Frequency	125	250	500	1000	2000	4000	8000
Mean d(B)	26.2	26.2	28.2	27.9	35.5	46.6	46.9
SD d(B)	5.9	6.1	6.8	6.2	3.4	5.5	3.5

SLC80 26 dB Class 5

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.

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 value used for selecting hearing protectors based on the wearer's 8-hour equivalent continuous A-weighted sound pressure level.

Important Notice

To the extent permitted by law, 3M shall not be liable for any loss or damage including any loss of business, loss of profits, or for any indirect, special, incidental or consequential loss or damage arising from reliance upon any information herein provided by 3M. The user is responsible for determining the suitability of the product for its intended use. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence.

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