



3M™ Pistonz™ Ear Plug

Product Description:

3M™ Pistonz™ ear plugs are designed for insertion into the ear canal to help reduce exposure to hazardous levels of noise and loud sound. These products are available in corded and uncorded versions.

Key Features:

- Unique cylindrical shape ear tip designed to fit and seal most ear canals
- Specially formulated soft foam tips which provide all day comfort and wearability
- Biaxially-stiff stem is rigid enough to help insert the plug into the ear canal but at the same it remains flexible if impacted sideways
- No roll-down required
- Insertion stem helps eliminate the need to touch the tip when fitting
- One size fits the majority of wearers

Applications:

3M™ Pistonz™ ear plugs are a Class 4 hearing protector as tested to AS/NZS 1270. When selected, used and maintained as specified in AS/NZS 1269, this protector may be used in noise up to 105dB(A) assuming an 85dB(A) criterion. Examples of typical applications include:

- Automotive
- Body shop repair
- Construction
- Textile manufacture
- Chemical & Pharmaceutical manufacture
- Woodworking
- Engineering & Metal Fabrication

Standard & Approval:

3M™ Pistonz™ ear plugs are tested to Australian / New Zealand Standard AS/NZS 1270:2002 'Acoustics - Hearing Protectors'.

The 3M Pistonz ear plugs are tested and CE approved against the European Standard EN352-2:2002. These products meet the Basic Safety Requirements as laid out in Annex II of the European Community Directive 89/686/EEC and have been examined at the design stage by INSPEC International Limited, 56 Leslie Hough Way, Salford, Greater Manchester M6 6AJ, UK (Notified Body number 0194).

Materials:

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

Component	Materials
Ear tips	Polyurethane Foam
Stem	PVC
Cord	PVC



AS/NZS 1716:2003 Attenuation values 3M™ Pistonz™ Ear Plug

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean (dB)	24.3	24.8	26.5	26.0	31.5	41.2	44.4
SD (dB)	4.7	4.7	4.7	5.7	4.8	5.9	5.4
Mean - SD (dB)	19.6	20.1	21.8	20.3	26.7	35.3	39.0

SLC(80) = 25dB Class 4

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

3M does not accept liability of any kind, be it direct or consequential (including, but not limited to, loss of profits, business and/or goodwill) arising from reliance upon any information herein provided by 3M. The user is responsible for determining the suitability of the products for their 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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