

3M™ Tri-Flange™ Earplugs

Product Description

3M™ Tri-Flange™ corded reusable earplugs features a proven, triple-flange design and pliable, premolded material to provide clean and comfortable hearing protection. Fits flexibly in most earcanals.

Key Features

- Vinyl or cloth cord connects earplugs.
- Triple-flanged, premolded design
- Livewire stem fused with flanges looks cool, inserts easily and fits comfortably.
- Washable and reusable.
- SLC80 19dB (Class 3).

Applications

The 3M™ Tri-flange™ 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
Cord	PVC



Attenuation values

Frequency	125	250	500	1000	2000	4000	8000
Mean (dB)	22.5	22.0	22.9	26.4	30.6	33.3	36.7
SD (dB)	9.5	10.2	9.5	9.3	8.0	11.7	10.5

SLC(80) = 19dB Class 3

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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Occupational Health and Environmental Safety Division
3M Australia Pty Limited
Building A, 1 Rivett Road
North Ryde NSW 2133
P: 1300 363 565 W: www.3m.com/au/ppesafety

3M New Zealand Pty Limited
94 Apollo Drive
Rosedale, Auckland 0632
P: 0800 252 627 W: www.3m.co.nz/ppesafety

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