3M™ Peltor™ H10 Series

Product Description

The Peltor™ H10 range of passive earmuffs are available in headband, neckband, foldable or helmet mounted version. The H10 Series represent the ultimate in earmuff technology by combining extreme noise protection with exceptional wearer comfort. These products are designed to provide moderate to high level of attenuation that meets the needs of many industrial applications where high levels of noise may be encountered. The helmet mounted version is designed to fit a wide range of industrial safety helmets (see below for further details).

Applications

The Peltor™ H7 range of range earmuffs are ideal for protection against noise arising from a wide range of applications in the workplace and leisure activity.

Examples of typical applications include:-

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

Key Features

- Dual cup protection
- Liquid sealing rings for improved comfort
- Unique low profile headband design helps maintain constant pressure thus providing confidence in protection
- Large space inside cup helps reduce moisture and heat build-up
- Soft wide cushions helps reduce pressure around the ears and improves comfort and wearability
- Easy to replace cushions and inserts helps keep them hygienically clean
- Easy to understand attenuation symbol to help ensure correct product selection
- Helmet mounted version fits directly to many industrial safety helmets without the need for an adapter.

Standard & Approval

Hearing protector class 5 tested to AS/NZS 1270:2002. When selected, used and maintained as specified inAS/NZS 1269.3:2005, this protector may be used in noise up to 110 dB(A) assuming an 85 dB(A) criterion. A lower criterion may require a higher protector class. Improper fit of this device will reduce its effectiveness in attenuating noise. Consult the fitting instructions illustrated on this packaging for proper fit.

Materials

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

	Component	Material
Headband, Neckband and Foldable version	Headband/Neckband/Foldable	Stainless Steel Wire, PVC, Acetal
	Headband padding	PVC
	Cups	ABS
	Inserts	Polyether
	Cushions	Polyether
	Cushion cover	PVC
Helmet mounted version	Helmet attachment arm	Stainless Steel Wire, PVC, Acetal, Polyamid
	Cups	ABS
	Inserts	Polyether
	Cushions	Polyether
	Cushion cover	PVC

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Attenuation Data Australia /New Zealand

PELTOR H10A Headband & Hi Viz Headband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attenuation dB	17.9	23.4	35.1	40.6	35.1	41.8	40.4
Standard Deviation dB	3.2	2.6	2.6	4.5	3.5	3.4	3.7

SLC_{80}: 33dB Class 5

PELTOR H10B Neckband

Frequency	125	250	500	1000	2000	4000	8000
Mean Attenuation dB	17.0	24.0	35.2	40.1	36.4	41.1	38.6
Standard Deviation dB	2.7	3.4	3.3	3.2	2.9	2.9	3.7

SLC_{80}: 34dB Class 5

PELTOR H10P3E & H10P3G Helmet Attachment

Frequency	125	250	500	1000	2000	4000	8000
Mean Attenuation dB	17.6	23.5	35.0	40.5	35.0	41.7	41.3
Standard Deviation dB	2.9	3.1	3.9	3.3	2.2	3.1	3.2

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