

Dromex



CLASSIC EAR MUFFS IFU



CEM

Description

The Dromex® Classic headband style, close fitting adjustable ear muff provides optimum hearing protection against high frequency noise hazards in the ear canal.

These ear muffs feature a padded cradle headband and large self-adjustable ear cups consisting of soft foam and PU leather, provides comfort for those requiring hearing protection for extended periods.

The twin point mounted cups maintain an even pressure distribution for protection against noise.

Suitable for use in airports, excavation equipment handling, generators, high pressure steaming, machining, grinding, woodwork and high frequency welding applications.

Special Instructions

- Ear muffs must be worn at all times in noisy environments
- Do not share ear muffs as ears can be exposed to ear infections
- Product should be worn properly at all times in noisy surroundings, to reduce noise effectively
- The ear muffs should be fitted, adjusted and maintained in accordance with manufactures instructions provided in the packaging
- Read and follow all fitting and use instructions. Failure to follow fitting instructions and recommendations, may result in hearing loss
- Ear muffs must be inspected regularly for serviceability
- The ear muffs may be adversely affected by certain chemical substances, avoid the use of agents (i.e. solvents and other disinfectants) that are known to be harmful to the wearer and/or the ear muff
- Do not modify your ear muffs. Hearing protection will be comprised and users can develop hearing loss if you bend, alter, or modify any part of the headband, cups, inserts or ear cup cushions
- Do not use hygiene covers on ear cushions as this may affect the acoustic performance of the ear muffs
- Regularly inspect for tears or cracks and replace if service ability is suspected to be affected
- Sounds above 85dB are harmful to the ears
- Spectacle frames and hair between the ear pad and head may affect the performance of the ear protector
- Do not use these ear muffs with a hard hat and certain respiratory devices
- Failure to wear hearing protectors 100% of the time when you are exposed to hazardous noise may dramatically increase your noise exposure and your risk of developing hearing loss

- None of the materials used in the manufacture of these products are known to adversely affect the hygiene or health of a user.

Compliance & Conformity

Manufactured and complies to the standard EN 352-1:2020 as per the requirements of European PPE Directive EU 2016/425. CE (2754) certified as per certification notified body, ALIENOR CERTIFICATION (2754) ZA DU SANITAL 21 RUE ALBERT EINSTEIN 86100 CHATELLERAULT France

The EU Declarations of Conformity is available for download on our website: www.dromex.co.za/hearing-certifications

Specifications

Style:	Padded headband (over the head style) ear muff with adjustable cups
Material ear cup:	ABS (Acrylonitrile butadiene styrene) ear muff cup with a foam cushion and soft PU leather skin covering
Material headband:	Black plastic head strap with leather and foam padding and ABS ear clip tidy
Material headband spring:	Carbon steel
Material ear muff connectors:	Nylon and Glass Filled Polymer
Size:	Standard size, that is adjustable to fit sizes S, M, L
Weight:	252g
Noise attenuation data:	SNR 28.6 dB

Attenuation Values

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Average M (dB) ₁	19,9	14,9	18,3	28,4	39,8	33,4	37,7	41,1
Standard deviation sf (dB)	5,3	3,6	2,4	3,5	4	2	4,2	4,3
APV: Mf - sf (dB)	14,5	11,2	15,9	24,9	35,7	31,4	33,5	36,8
	Minimum requirements H 12		Minimum requirements M 11		Minimum requirements L 9			
	H (dB)	33,9	M (dB)	26,4	L (dB)	17,7	SNR (dB)	28,6
Average values	Hm (dB)	35,7	Mm (dB)	28,7	Lm (dB)	20,5	SNRm (dB)	30,9
Standard deviation	Hs (dB)	1,8	Ms (dB)	2,4	Ls (dB)	2,9	SNRs (dB)	2,3

- 1) APV-value at each test frequency in accordance with EN ISO 4869-2 with the parameter $\alpha = 1$;
- 2) H-, M- and L- value in accordance with EN ISO 4869-2 with the parameter $\alpha = 1$;
- 3) SNR-value in accordance with EN ISO 4869-2 with the parameter $\alpha = 1$.

How to use earmuffs

Selecting Hearing Protectors

The most critical consideration in selecting and using hearing protectors is your ability to fit the protectors so that they provide a comfortable noise-blocking seal that can be consistently maintained during all noise exposures. Other important considerations include: hearing protector noise reduction; your daily noise exposure; variations in the noise level; your preference; communication needs; hearing loss (if any); compatibility with other safety equipment; your physical abilities; climate and other working conditions; and replacement, care and use requirements.

Estimating Noise Reduction for Individual Users

The noise reduction ratings are based on laboratory tests. It is not possible to use these ratings to reliably predict levels of protection you will achieve in a specific environment. If you are wearing hearing protectors for occupational noise exposure, you should be enrolled in a hearing conservation program. If you are wearing hearing protectors for protection from noise outside of your work, you should have a hearing evaluation by an audiologist, physician, or other qualified professional, on a regular basis.

Comparing the Ratings of Different Hearing Protectors

Differences between hearing protector ratings of less than 3 dB are not important.

Far more important, is the amount of time you wear the hearing protectors relative to the amount of time you are exposed to noise.

Fitting Instructions

1. Move your hair out of the way to get a good seal between the ear muff cushions and your head.
Remove earrings if they interfere with the seal of the cushion against your head.
2. Center the ear cups over both ears.
3. Slide the ear cups up or down to find the position where the ear cups completely cover your ears. When properly installed and adjusted, the cups should not touch the headgear shell or visor.
4. Check the seal of the ear cup cushions around the temples of your eye glasses. If you don't get a good seal around your glasses, you may get less protection from noise.
5. Check the fit by talking out loud. Your voice should sound hollow, like you are talking in a barrel. The noises around you should not sound as loud as they did before you put the muffs on.

Packaging, Storage & Obsolescence

- Packed in an easy open polybag and stored in a box.
- Users' instructions are included in the box.
- Always transport the earmuff in its original packaging.
- When not in use the ear muff should be stored in its original packaging, in a clean uncontaminated area at normal room temperature such that it is out of direct sunlight, away from chemicals and abrasive substances and cannot be damaged by physical contact with hard surfaces and items.



Cleaning & Maintenance

- Check the ear cup cushions, plastic ear cup housing and arm connection points before each use. If the ear muff cushions are stiff, missing, torn, or damaged, or if the ear cup or arm connection points are damaged or worn in any way, discard the complete ear muff and replace with a new pair as, as the ear muff can no longer provide full hearing protection as intended.
- Clean the ear muffs as needed using a damp cloth. Do not immerse the earmuffs in water or other cleaning solutions. Do not clean ear muffs with lanolin, strong solvents such as MEK, acetone or toluene or abrasive cleaners.
- Always check the earmuff for damages before use. Any damaged/worn products should be discarded.
- Under normal circumstances the ear muff should offer adequate protection for 3 years.

Disposal

All industrial waste should be disposed of correctly as per local regulations and good disposal practice. Please consider recycling.

Materials



1. Black plastic coated foam headband.
 2. Wire headband spring.
 3. Black plastic ear muff cup connectors.
 4. Blue ear muff cup complete with HDPE shell, attenuation foam and Acrylonitrile Butadiene Styrene covered foam earpiece for seal and comfort.
- (Marking - Dromex: Company name & trademark, CLASSIC: Model name of Dromex earmuff, CE 2754: Alienor certification is in charge of the UE Type examination according to the module B & production control according the module C2)

Disclaimer

Dromex reserves the right to make changes without further notice to any products herein to improve function, design or reliability and validity. Dromex does not assume any liability arising out of the application or use of any product described herein. Reproduction in whole or in part is prohibited without the prior written consent of the copyright owner.

Latest update: 24/05/2024