



HEARING PROTECTION

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Dromex

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STEPS TO SELECTION & USE

The selection of hearing protection has a basic four-step method:

-  **Identify:** Measure and record the potential noise hazard
-  **Assess:** The hazards and associated health risks should be assessed as well as other required protective equipment to ensure compatibility
-  **Select:** The proper hearing protection suitable for the hazard should be selected. This is made easy using the EN 352 noise reduction ratings
-  **Training:** Training is a very important step to optimise hearing protection by ensuring the operator is proficient in the use and limitations of his/her hearing protector

HEARING LOSS

Hearing loss, caused by exposure to noise at work, continues to be a significant occupational illness despite the improvements made for comfort and attenuation. Hearing protection can play a vital part in avoiding occupational hearing loss. Comfort and ease of use play a role as economical, practical noise protection that conforms to the local legislation is the priority.

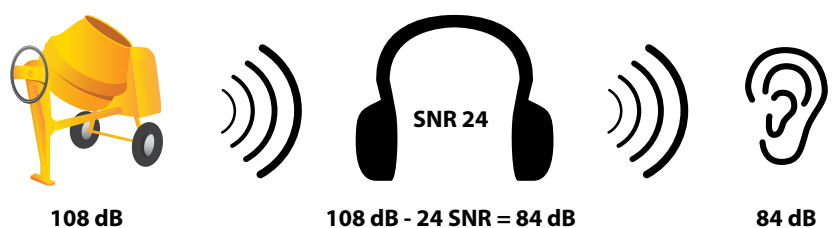
Hearing loss can be gradual because of exposure to noise over time, but damage can be caused suddenly by extremely loud noises. The damage is disabling as it can stop people being able to understand speech, keep up with conversations or it may develop into tinnitus (ringing, whistling, buzzing or humming in the ears), a distressing condition which can lead to disturbed sleep.

EXPOSURE & PROTECTION

Here is a rule of thumb, if you must shout to be understood over the background noise when standing about 1 meter away from somebody, that background noise is hazardous.

Using EN352 Hearing protectors - Safety requirements and testing these problems can be easily prevented.

Protection is required if the noise is over 85dB. Below 75dB is non-hazardous.



TYPICAL NOISE MEASUREMENTS

HARMFUL RANGE	180	Stun grenade
	180	Rocket launching
	170	Rifle shot (1m)
		Shotgun
	160	Immediate physical damage
	150	Balloon popping
		Aircraft engine (30m)
	140	Maximum allowable exposure
		Riveting hammer
		Air raid siren
RISK AREA	130	Immediate pain threshold
		Vuvuzela
		Punch press
	120	Chainsaw
	115	Unprotected not allowed
		Nail gun
		Blasting
		Foundry rumble
	110	Jack hammer
	SAFE AREA	
		Grinding and cutting wheel
		Blast chiller
100		Pig house when feeding
		Sandblasting
		Crushing mill
		Drilling concrete
90		Industrial fire alarm
85		Hearing protection required
		Hair dryer
	Hand saw	
80	Vacuum cleaner	
SAFE AREA	75	Non-hazardous
	70	Inside a car
	60	Normal conversation
	50	Comfortable sound
	40	Refrigerator
	30	Whisper
	20	Audible sound
	10	Normal breathing
	0	Zero



DR030-DISP

EAR PLUG DISPENSER



PRODUCT INFORMATION

- Versatile ear plug dispenser that can be placed on a surface or wall-mounted
- Makes hearing protection easily accessible to staff
- Holds 500 pairs of DR-030 disposable foam earplugs
- Refill packets sold separately

COMPOSITION & APPLICATIONS

COMPOSITION:

- CE EN 352-3 (H=34, M=32, L=29)
- SNR 35

Suitable for use in:

Machining, Grinding, Steel cutting and Woodwork



FG33C



FG33



DR-098C



DR-098

DISPOSABLE



PRODUCT INFORMATION

- Disposable foam ear plugs
- PU coated for hygiene
- Smooth and soft foam for comfort
- Easy to use
- Superb attenuation
- Hi visibility fluorescent lime PU foam
- Expands to fit ear canal more comfortably increasing over all protection

COMPOSITION & APPLICATIONS

FG33 (Un-Corded)

- CE EN 352-2 (H=33db, M=30db, L=27db)
- SNR 33db
- Dispensing wall mounted box

DR-098(Un-Corded)

- CE EN 352-2 (H=36db, M=34db, L=33db)
- SNR 37db

FG33C (Corded)

- CE EN 352-2 (H=33db, M=30db, L=27db)
- SNR 33db
- Dispensing wall mounted box

DR-098C (Corded)

- CE EN 352-2 (H=36db, M=34db, L=33db)
- SNR 37db

Suitable for use in:

Machining, Grinding, Steel cutting and Woodwork



FS5000B



FS5000C



FS5000PCB

RE-USABLE



PRODUCT INFORMATION

- Re-usable ear pugs
- Soft detachable cord
- Easy to insert into your ear
- Hi visibility fluorescent green TPR

COMPOSITION & APPLICATIONS

FS 5000 C (Corded)

- CE EN 352-2 (H=29db, M=26db, L=26db)
- SNR 29db

FS 5000 PCB (Plastic Container Box)

- CE EN 352-2 (H=29db, M=26db, L=26db)
- SNR 29db

FS 5000 B (Banded)

- CE EN 352-2 (H=29db, M=26db, L=26db)
- SNR 29db

Suitable for use in:

Machining, Grinding, Steel cutting and Woodwork



DR-118C



DR-090C

RE-USABLE



PRODUCT INFORMATION

- Re-usable ear pugs
- Soft detachable cord
- Easy to insert into your ear
- Hi visibility fluorescent green TPR

COMPOSITION & APPLICATIONS

DR-118C (Corded)

- CE EN 352-2 (H=29db, M=26db, L=26db)
- SNR 29db

DR-090C (Corded)

- CE EN 352-2 (H=30db, M=26db, L=26db)
- SNR 30db

Suitable for use in:

Machining, Grinding, Steel cutting and Woodwork



EG3201B



EG3201DET



EG3201

RE-USABLE



**PRODUCT
INFORMATION**

- Re-usable ear pugs
- Soft detachable cord
- Easy to insert into your ear
- Hi visibility Blue XTREE TPR

EG 3201 DET

- Detectable for the food industry

**COMPOSITION
& APPLICATIONS**

EG 3201 (Corded)

- CE EN 352-2 (H=25, M=22, L=21)
- SNR 25

EG 3201 DET (Corded & DETECTABLE)

- CE EN 352-2 (H=25, M=22, L=21)
- SNR 25

EG 3201 B (Banded)

- CE EN 352-2 (H=28, M=25, L=25)
- SNR 28

Suitable for use in:

Food, Machining, Grinding, Steel cutting and Woodwork



JM-B

JUNIOR MUFF



PRODUCT INFORMATION

- The original class leading ear defender
- Designed with comfort in mind
- Light weight and robust design
- Self adjusting ABS cups
- Soft foam cushions for all day comfort
- Suitable for light industrial duty and outdoor construction

COMPOSITION & APPLICATIONS

COMPOSITION:

- Universal ear muffs
- Used under hard hat or around the neck
- Adjustable rotational cup
- CE EN 352-1 (H=28db, M=21db, L=13db)
- SNR 24db

Suitable for use in:

Machining, Grinding, Steel cutting and Woodwork



CEM

CLASSIC EXTREME CE

PRODUCT INFORMATION

- Twin point mounted cups
- Low risk of entanglement on machinery
- Hearing protection for extended periods
- Designed with comfort in mind
- Durable self adjusting ABS cups
- Close fitting wire headband for comfort
- Large cups for high noise levels together with soft foam cushions

COMPOSITION & APPLICATIONS

COMPOSITION:

- High frequency earmuffs
- CE EN 352-1 (H=36db, M=27db, L=18db)
- SNR 30db

Suitable for use in:

Aviation industry, High pressure steaming, Machining, Grinding and Woodwork



INTEREX

INTEREX CE

PRODUCT INFORMATION

- Special DROMEX connector and fit (all hard hats)
- Twin point mounted cups
- Large cup for high noise levels
- Easy to attach and detach with spring loaded arms
- Steel arms maintain a constant and even pressure
- For use in hot and cold conditions
- Wearer can tilt and adjust cup for optimum comfort and fit
- Composite safety solution

COMPOSITION & APPLICATIONS

COMPOSITION:

- High frequency earmuffs
- CE EN 352-3 (H=31, M=26, L=19)
- SNR 28

Suitable for use in:

Machining, Grinding, Steel cutting and Woodwork



BUSH-BPCVISOR



BUSH-BWGVISOR

BUSHMASTER CE

PRODUCT INFORMATION

- Twin point mounted cups
- Low risk of entanglement on machinery
- Hearing protection for extended periods
- Designed with comfort in mind
- Durable self adjusting ABS cups
- Close fitting wire headband for comfort
- Large cups for high noise levels together with soft foam cushions

COMPOSITION & APPLICATIONS

COMPOSITION:

- High frequency earmuffs
- CE EN 352-1 (H=36db, M=27db, L=18db)
- SNR 30db

Suitable for use in:

Tree Felling, Machining, Grinding, and Woodwork