

Ear Protection



Your Essential guide to choosing hearing protection

When choosing hearing protection you have to be sure that you are providing the right kind of protection for noise levels in your workplace. Too little protection is illegal, but over protection can also cause problems. We offer a wide range of hearing protection, including ear plugs and noise reducing ear muffs for all applications.

| TYPICAL NOISE HAZARD | NOISE LEVEL | PREVIOUS LEGISLATION | NEW LEGISLATION |
|------------------------|-------------|---------------------------------|------------------------------------|
| JET ENGINE | 140dBa | 2nd ACTION LEVEL: PEAK (C) | 2nd ACTION LEVEL: PEAK (C) |
| | 135dBa | | 1ST ACTION LEVEL: PEAK (C) |
| RIVETTING HAMMER | 130dBa | | |
| PROPELLER AIRCRAFT | 120dBa | | |
| ROCK DRILL | 110dBa | | |
| PLATE FABRICATION SHOP | 100dBa | | |
| HEAVY VEHICLE | 90dBa | 2nd ACTION LEVEL: 90dBa(A) LEPD | |
| | 87dBa | | MAXIMUM EXPOSURE LIMIT VALUE |
| | 85dBa | 1st ACTION LEVEL: 85dBa(A) LEPD | 2nd ACTION LEVEL: 85dBa(A) LEX, 8h |
| BUSY TRAFFIC | 80dBa | | 1st ACTION LEVEL: 80dBa(A) LEX, 8h |
| PRIVATE CAR | 70dBa | NO PROTECTION REQUIRED | NO PROTECTION REQUIRED |
| CONVERSATION | 60dBa | NO PROTECTION REQUIRED | NO PROTECTION REQUIRED |

Noise levels shown are approximate and for guidance only.



Listening to the law

The Control of Noise at Work Regulations (2005) came into force in April 2006. They state that anyone working in a noisy environment, with levels that exceed 80dB(A) is at risk of hearing damage and must be provided with suitable hearing protection on request. At levels above 85dB(A) the provision and wearing of hearing protection is mandatory. To help you make the right choice, the chart above shows a common range of noise hazards and their possible decibel levels on the decibel levels at which categories of hearing protection cut in. In addition, there is now a protected maximum exposure limit of 87dB(A) which must not be exceeded even when hearing protection is worn.

Hearing Protection

Soft, comfortable finish for day long use.

- Tapered end for added comfort
- Slow expanding polyurethane foam
- Fits majority of ear canals
- Evenly distributed pressure
- Compatible with other PPE
- Non irritating
- Excellent levels of protection at SNR 36dB
- Each pair individually packed in a polybag
- Corded version with the added benefit of a blue connecting cord for greater safety and security



SNR 36dB



CE Approved to EN 352-2.



E.A.R. Soft Yellow Neon Ear Plugs

| 0299 | Type | | £ |
|--------|-------------------------------------|-----------|--------|
| 232300 | Uncorded | 250 pairs | 70.10 |
| 244600 | Uncorded One Touch Dispenser Refill | 500 pairs | 131.05 |
| 232800 | Corded | 200 pairs | 300.90 |

E.A.R. Classic Ear Plugs expand to the shape of the ear canal in less than one minute and will gently seal the opening all day without discomfort.

- World renowned and proven product
- Made from unique foamed polymer, one size to fit most ears
- Safe and easy to use
- Plugs are washable
- Corded version with blue connecting cord for food industry use

Approved to EN 352-2.



SNR 28dB



E.A.R. Classic Ear Plugs

| 0299 | Type | | £ |
|--------|-------------------------------------|-----------|--------|
| 240600 | Corded | 200 pairs | 179.30 |
| 244500 | Uncorded One Touch Dispenser Refill | 500 pairs | 186.95 |

What does the SNR figure mean?

The 'SNR' or Single Number Rating, is a calculated figure and gives a general indication as to how much potential protection a product will give in a noisy environment. This allows a basic comparison between hearing protectors. For instance, if the noise in a work area is 100dB and the hearing protector has an SNR of 30dB then, providing it is worn and fitted correctly, the noise reaching the wearer will be around 70dB. However, the problem is that ear defenders work considerably better at stopping high frequency sound than low frequencies, so if the noise is predominantly low frequency then it is easy to overestimate the performance of a protector and expose the wearer to harmful levels. Great care should therefore be taken should this method of measurement be used.

Hydraulics

Hydraulic Quick Release Couplings

Pneumatic Quick Release Couplings

Air Prep., Media, Monitor & Test

KELM™ Pneumatics

Pneumatic & Vacuum Equipment

Valves

Ring Main Systems

Adaptors & Fittings

Stainless Steel

Malleable Iron

Hose, Tubing & Couplings

Clamps & Clips

Sprays & Adhesives

Blow Guns, Vacuum & Nozzles

Pressure Wash, Fueling & Lubrication

Air Tools & Compressor Equipment

Tools, Hardware & PPE