HEARING PROTECTION · REGULAR-USE PPE

Ear Muffs

Ear muffs are over-the-ear hearing protectors with sound-attenuating cups and foam cushions on a headband or helmet-mounted arms, certified to EN 352-1 (headband) or EN 352-3 (helmet-mounted), that reduce workplace noise by a stated SNR of around 25–36 dB.

TECHNICAL SPECIFICATIONS	
Standards	EN 352-1:2020 headband; EN 352-3:2020 helmet-mounted; ANSI S3.19 NRR on request
Attenuation	SNR 25–36 dB depending on model (NRR 22–31)
Cup material	ABS with acoustic PU foam insert
Cushion	PU foam with PVC or leatherette cover; replaceable hygiene kit
Headband	Padded steel wire or plastic; neckband and folding options
Helmet compatibility	30 mm slot adaptors; check tested helmet list on the EN 352-3 certificate
Weight	Approx. 180–300 g
Colours	Yellow, red, black, green, orange
Packaging	Individually bagged; 10–20 per carton

Key features

- ABS cups with acoustic foam giving SNR 25–36 dB to EN 352-1 or EN 352-3
- Soft PU-foam cushions with replaceable hygiene kits for long shifts in heat
- Padded, height-adjustable steel-wire or plastic headband; neckband versions for use with visors
- Helmet-mounted arms fit universal 30 mm slots on most EN 397 safety helmets
- Dielectric (no metal) versions available for electrical work
- Folding models with compact storage for supervisors and visitors

Variants available

- Headband ear muffs SNR 27–30 dB
- High-attenuation headband ear muffs SNR 34–36 dB
- Helmet-mounted ear muffs for EN 397 helmets
- Neckband ear muffs for use with face shields
- Folding ear muffs for visitors and supervisors
- Dielectric ear muffs for electrical work

TYPICAL APPLICATIONS	
Construction	piling rigs, breakers, generators and concrete saws on UAE and KSA sites
Oil & gas	compressor and turbine areas on Aramco, ADNOC and petrochemical plants
Aviation & ports	ramp, ground support and container terminal operations
Industrial	steel fabrication, cement, bottling and textile mills
Power & utilities	diesel generator sets, pump stations and substations (dielectric)
Logistics	forklift maintenance and conveyor halls in distribution centres

COMPLIANCE, BRANDS AND SELECTION

Compliance (UAE / GCC)

UAE federal regulations and Abu Dhabi OSHAD codes require hearing protection at daily exposures above 85 dB(A), supported by noise surveys and audiometric testing. Saudi Aramco CSM and ADNOC HSE standards commonly require EN 352 certified muffs in designated hearing-protection zones and specify helmet-mounted muffs where EN 397 helmets are mandatory, with attenuation chosen so that exposure at the ear falls below 85 dB(A).

Brands we supply

3M Peltor, Honeywell Howard Leight, MSA, Uvex, Delta Plus, JSP

How to choose

1. Choose helmet-mounted muffs (EN 352-3) where helmets are mandatory; headband muffs for workshops
2. Match SNR to measured noise so that the level at the ear is around 75–80 dB(A)
3. Select neckband models when face shields or welding helmets are also worn
4. Order hygiene kits with the muffs; cushions degrade quickly in heat and sweat

Request a quotation

Send quantity, sizes and delivery location. We reply with an itemised quotation and certificates within one working day.

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Product page: albarakaservices.com/products/safety-products/ear-muffs/

Typical specifications for this product class, compiled by Al Baraka Diyar for quotation and tender preparation. This is not a manufacturer datasheet. Exact values, markings, sizes and certificates depend on the brand and model supplied and are confirmed in our quotation and in the manufacturer's test certificates. Always verify suitability with your site HSE officer. Information is subject to change without notice.