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TECHNICAL DATA SHEET

EP-01
REUSABLE EAR PLUG

Product Introduction:

- Udyogi Ear plugs are small, protective devices worn in the ear canal to reduce or block out unwanted noise, protect the ears from water, or prevent the entry of harmful substances like dust or debris.
- Food-grade silicone is a high-quality, non-toxic material commonly used in products that require direct contact with human skin or sensitive areas, such as ear canals.
- Designed to meet EN352-3:2020 standard, it ensures maximum protection for the wearer in various high noise environments.



Features:

- Ear plugs are made of light weight, food grade soft silicone rubber.
- Seals the ear canal without pressure.
- Three flange, Christmas tree type shape is easy to push inside the ear canal.
- PP cord smooth and dirty resistant surface for hygiene.
- Convenience to prevent loss of ear plug.
- Comfortable for a wide range of ear canal sizes washable with water / soap water.

Benefits:

- **Cost-Effective:** These ear plugs are often more affordable than other types of ear protection and reusable, making them a cost-effective solution.
- **Safety & Non-toxicity:** This makes them suitable for industries where safety and hygiene are paramount.
- **Adaptability:** This type of silicone is hypoallergenic, durable, flexible and resistant to heat and moisture, making it ideal for creating comfortable and safe ear plugs.
- **Reusable and Durable:** Food-grade silicone ear plugs are highly durable, washable and can be reused multiple times without losing their shape or effectiveness.

Udyogi

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Product Specifications:

Model: EP-01
Product Type: Ear Plug
Type: Reusable
Material: Food grade Silicone
Length: 35 mm.
Weight: 2.96 g Per Pair
Attenuation Rating : SNR: 32 dB **NRR:** 27 dB
Color: Orange
Packaging: 100 pairs per box
Standard: EN352-3:2020



Packaging

Applications :

- Used to reduce extreme noise produced during grinding, welding etc.
- Help to reduce noise exposure and protect from hearing loss.
- Used to reduce protect from dust and water.

Industry :

These ear plugs are utilized for their protective and practical features in various industries such as

Iron & Steel
Aviation
Cement
Power
Manufacturing
Forestry and Logging
Food Processing
Pharmaceutical
Chemical
Mining
Oil & Gas
Construction
Railroad Industry
Automotive

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Safety Information :

- Ensure a snug fit to achieve optimal noise reduction and protection.
- Always use clean hands to handle and insert the ear plugs to prevent infections or irritation in the ear canal
- Do not attempt to reuse dirty or damaged ear plugs

Usage Instructions :

- Gently press the shaped silicone ear plug into the entrance of your ear canal.
- Once inserted, gently press around the ear plug to ensure it molds properly to the shape of your ear and creates an effective seal.
- To remove the ear plugs, gently twist and pull them out of the ear canal.

Storage :

- Can be stored and transported in their original cartons at ambient temperature (0°C to + 30°C)
- May be stored in the dark for up to 1 year
- Do not store in direct / high heat or sunlight as this may distort the shell.

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