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TECHNICAL DATA SHEET

FP-01
DISPOSABLE 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 PU foam ear plugs offer a combination of safety, comfort, and effective noise reduction, making them an ideal choice for both industrial and personal use. Their non-toxic nature, ease of use, and affordability enhance their appeal across various settings.
- 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 PU foam.
- Seals the ear canal without pressure.
- Easy to push inside the ear canal.
- PP cord smooth and dirt resistant surface for hygiene.
- Convenience to prevent loss of ear plug.
- Comfortable for a wide range of ear canal sizes disposable.

Benefits:

- **Cost-Effective:** These ear plugs are often more affordable than other types of reusable ear protection, making them a cost-effective
- **Safety & Non-toxicity:** Ideal for industries where safety and hygiene are crucial.
- **Easy to Use and Dispose Of:** The disposable nature eliminates the need for cleaning or maintenance
- **Adaptability:** The foam molds to different ear shapes, ensuring a secure fit and better noise reduction.
- **Biodegradable Alternatives:** : Made from biodegradable materials, providing a more environmentally friendly option.

Udyogi

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Product Specifications:

Model: FP-01

Product Type: Ear Plug

Type: Disposable

Material: Food grade soft PU foam

Length: 24.5

Weight: 2.96 g Per Pair

Attenuation Rating : SNR: 38 dB **NRR:** 33 dB

Color: Orange

Packaging: 100 pcs. per box

Standard: EN352-2:2002, CE



Packaging

Applications:

- Ear plugs provide essential hearing protection.
- Protects hearing by reducing exposure to high decibel levels in noisy environments.
- 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
Power
Cement
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
- Avoid squeezing the ear plugs too quickly, as this may cause them to expand before proper insertion.
- Do not attempt to reuse dirty or damaged ear plugs.

Usage Instructions :

- Using clean hands, gently roll the ear plug between your thumb and fingers to form a small, crease-free cylinder.
- With one hand, reach over your head and gently pull up on the top of your opposite ear to straighten the ear canal.
- Insert the compressed ear plug into the ear canal and hold it in place for 20-30 seconds while it expands to fill the canal, creating a snug fit.
- Gently twist and pull them out of your ears to remove the ear plug out.

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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