



## TECHNICAL DATA SHEET

### ET-61 HEAD MOUNTED EAR MUFF

#### Product Introduction:

- Udyogi ET-61 industrial safety earmuff, made from ABS cups and headband is suitable for a wide range of demanding industrial applications, providing both protection from harmful noise level and comfort.
- Designed to meet EN352-1:2020 standard, it ensures maximum protection for the wearer in various high noise environments.



#### Features:

- Head mounted earmuff.
- Made of tough, heat resistant, moisture & cold proof ABS (Acrylonitrile Butadiene Styrene).
- Cushion padded headband provides extra comfort and adjustable for any standard head size.
- Light weight & conversant for all day use.
- Polyurethane foam sponge filled air pad, soft & hygienic muff inside for maximum attenuation of unpleasant air borne noise.
- No exposure of metal parts & good workmanship having no sharp edges which may cause injuries to the ear and other parts of body.

#### Benefits:

- **Recyclable:** ET61 is a thermoplastic, meaning it can be melted down and reformed multiple times without significantly degrading its properties. This makes it inherently recyclable.
- **Durability:** This earmuffs can withstand harsh industrial environments and last longer than those made from less durable materials
- **Safety Compliance:** Prolonged exposure to noise levels above 85 decibels (dB) can lead to permanent hearing damage. ET-61 is designed to reduce noise exposure and safeguarding worker's hearing
- **Enhanced Comfort:** Padded headband provides superior comfort for extended wear, reducing pressure on the head and ears.

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### Product Specifications:

**Model:** ET-61  
**Product Type:** Head mounted ear muff.  
**Cup Material:** ABS (Acrylonitrile Butadiene Styrene)  
**Inserts:** PU (Polyurethane foam)  
**Cushions:** Foam with PVC black lid  
**Weight:** 167 grams  
**Headband & Padding:** ABS with cushion padded  
**Testing Frequency Ranges (Hz):** 250, 1000, 4000  
**Attenuation Results (dB):** 34 (High); 26 (Medium); 19 (Low)  
**Attenuation Rating : SNR:** 29 dB NNR: 24 dB  
**Color:** Yellow/Black  
**Packaging:** 20 pcs per box  
**Standard:** EN352-1:2020, CE

### Construction:



INNER CUSHION

### Applications :

- Protects hearing by reducing exposure to high decibel levels in noisy environments.
- ET-61 is widely used across various fields to provide essential hearing protection, enhance safety, and improve comfort and productivity.
- These are crucial in any setting where exposure to high noise levels is a concern, ensuring workers' hearing health and compliance with safety regulations.
- Used to reduce protect from dust and water

### Industry :

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



Steel



Cement Industry



General  
Manufacturing



Forestry &  
Logging



Food  
Processing



Chemical



Mining



Construction



Railroad  
Industry



Pharmaceutical



Automobile



Oil & Gas



Aviation



Power

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### **Safety Information :**

- Clean the outside of the ear muff shell with soap and lukewarm water. Do not immerse in water.
- This must be regularly inspected for cracked parts and replaced as needed. Life for foam cushion is approx 6 months.
- Do not bend or reshape the headband as this will cause a loose fit & sound leakage

### **Usage Instructions :**

- Pull the Udyogi ear muffs cups outwards and position the hearing protector over your ears
- Adjust the height of each cup on both sides while holding the headband down until you have a tight comfortable fit.
- The headband should sit straight on the head.

### **Storage :**

- 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