

## TECHNICAL DATA SHEET

### ET-40 HEAD MOUNTED EAR MUFF

#### Product Introduction:

- ET 40 industrial earmuffs, made from ABS cups, a nylon headband, suitable for a wide range of demanding industrial applications, providing both protection and comfort.
- It absorbs maximum level of 27 dB of sound

#### Features:

- Head mounted earmuff.
- Made of high impact, heat resistant, moisture & cold proof ABS (Acrylonitrile Butadiene Styrene).
- Cushion padded headband provides extra comfort and adjustable for any standard head size.
- Adjustable ear-cups with 360 degree rotating headband.
- Polypropylene foam sponge filled air pad, soft & hygienic muff inside for maximum attenuation of unpleasant air borne noise.
- Light weight & conversant for all day use.
- No exposure of metal parts & good workmanship having no sharp edges which may cause injuries to the ear and other parts of body.

#### Benefits:

- **Cost-Effective:** ET-40 is an ear muff of economy range and provides high performance.
- **Safety Compliance:** ET-40 earmuffs provide reliable and consistent noise reduction, ensuring compliance with safety regulations. This can prevent potential fines or penalties related to non-compliance
- **Easy to Clean:** ABS surfaces are smooth and non-porous, making them easy to wipe clean and maintain.
- **Recyclable:** ABS is a thermoplastic, meaning it can be melted down and reformed multiple times without significantly degrading its properties. This makes it inherently recyclable.



### Product Specifications:

**Model:** ET-40  
**Product Type:** Head mounted ear muff  
**Cup Material:** ABS  
 (Acrylonitrile Butadiene Styrene)  
**Inserts:** PU (Polyurethane foam)  
**Cushions:** Foam with PVC black lid  
**Weight:** 180 grams  
**Headband:** Nylon  
**Testing Frequency Ranges (Hz):** 63, 1000, 8000  
**Attenuation Results (dB):** 31(High); 24(Medium); 17(Low)  
**Attenuation Rating:** SNR: 27 dB NRR: 22 dB  
**Color:** Red/black  
**Packaging:** 25 pcs. per carton  
**Standard:** EN352-1:2002

### Construction:



### Applications:

- Protects hearing by reducing exposure to high decibel levels in noisy environments
- These ear muffs are widely used across various fields to provide essential hearing protection, enhance safety, and improve comfort and productivity.
- Ear muffs 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



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New #12/ Old #28, Stringers Street,  
Chennai - 600001, Tamilnadu, India.



044 - 4262 5223

info@thadhanisafety.com

www.thadhanisafety.com

**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 :**

- 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.

