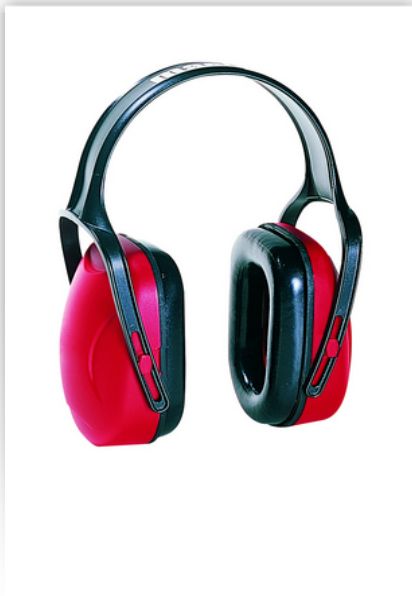




PRODUCT NUMBER: 1010421
Mach 1 Earmuff

Learn more about our products at howardleight.com

>

Learn more about hearing conservation at hearforever.org >



Overview

Reference Number

1010421

Product Type

Hearing Protection

Range

Earmuffs

Line

Noise Blocking Earmuffs

Brand

Howard Leight by Honeywell

Brand formerly known as

BILSOM

Industry

- Industry • Administration • Agriculture • Army - Defence • ATEX environment
- Automotive and Part Manufacturer • Aviation • Building and Construction • Catering
- Chemical Industries • Energy or Electricity • Fire Protection brigades • Fishing • Food Industries
- Foundry • Glass Industries • Green Spaces • Homeland defense • Industrial Cleaning
- Iron and steel industry • Laboratory • Logistics • Maintenance • Medical and Pharmaceutical
- Metal steel • Mining and Quarrying • Offshore • Paper Industries • Petro-chemical
- Printing Industries • Services • Ship Building • Telecoms • Textile Industries • Transportation
- Utilities • Water treatment • Welding • Wood Industries

Product Use

Earmuff

Features & Benefits

Feature

ECONOMICAL DESIGN Provides adequate protection at a low cost. **LIGHTWEIGHT** Extremely lightweight construction provides for all-day comfort. **DIELECTIRC CONSTRUCTION** Suitable for all workplaces, especially electrical environments.

Benefit

The Mach 1 is an economical choice for basic hearing protection in short-term work situations. Mach 1's adjustable headband fits any head size, while its super-lightweight dielectric construction provides adequate protection.

Technical Description

SNR (dB)

24

H (dB)

29

M (dB)

21

L (dB)

14

Attenuation Data

Frequency (Hz) Frequenz (Hz) Fréquence (Hz) 631.252505001000200040008000 Mean Attenuation (dB) Mittlere Dämmung (dB) Atténuation moyenne (dB) 14.413.311.717.631.830.934.731.4 Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB) 3.82.91.82.42.92.82.44.9 Assumed Protection (dB) Angenommener (dB) Protection supposée (dB) 10.610.49.915.228.928.132.326.5

Earmuff Construction

Plastic [or Dielectric]

Other Material

POM, PP, PUR-E, PVC

Dielectric

Yes

Color

Black and Red

Batteries Needed

None

Weight (grs)

141

Headband Style

Over-Head

Sound Amplification

No

AM/FM Radio

No

Automatic Shut-Off Function

No

Audio Input Jack

No

Hi-Visibility

No

Certifications

EC Category PPE

2

Quality Assurance

ISO 9001 / 2000

EC Certificate Number

IFA1501262

EC Attestation

 EC Attestation

EC Attestation Number

200421670

Maintenance

Life Cycle

Cushions should be replaced periodically to retain maximum attenuation. Use the following as a guideline for replacement of ear cushions and insert foam. General use and wear - Ear cushions and foam inserts should be replaced at least every 6 months. Heavy use or wear in humid/extreme climates - Ear cushions and foam inserts should be replaced at least every 3 months. Cracking or leakage is visible - replace ear cushions and foam inserts immediately.

Storage Information

When not in use, the earmuffs should be stored in a clean dry container or locker. Do not use solvents or petroleum-based products. Do not immerse the earmuffs in water.

Care Instructions

Earmuffs are an important safety product and should be inspected regularly. Its use, care and maintenance are critical to its effective performance. Earmuffs and in particular ear cushions may deteriorate with use and should be examined at frequent intervals for cracking and leakage. If the ear cushions become hard, damaged or deteriorated, they should be replaced promptly using recommended Hygiene Kits. Earmuffs should be maintained by regular cleaning. Use a mild disinfectant solution. A gentle wipe is all that is required.

Parts & Accessories

Accessories

Beltclip - For carrying purpose. Old Ref. # 1000252 New Ref. # 1016730 Cool II Pads - Sweat absorbing pads. Ref. # 1000365 5-pair, Ref. # 1000364 100-pair

Optisorb - cotton sleeve slides over earcup. Ref. # 3302101

Polar Hood - Ref. # 1016870 Lg/XLg; Ref. # 1016871 Sm/Med

Packaging

EAN Code

7312550104217

certificate
no. **IFA 1501262**
dated 2015-12-23



IFA

Institut für Arbeitsschutz der
Deutschen Gesetzlichen Unfallversicherung
Prüf- und Zertifizierungsstelle im DGUV Test

Translation In any case, the German original shall prevail.

European notified body
Identification number: 0121

EC Type-Examination Certificate

Name and address of the
holder of the certificate
(customer): Honeywell Safety Products, USA Inc.
7828 Waterville Road
San Diego, CA 92154
UNITED STATES OF AMERICA

Product designation: **earmuff Howard Leight by Honeywell MACH 1**

Type: MACH 1

Testing based on: EN 352-1:2002
EN 13819-2:2002
EN 13819-1:2002

Test report: 201522139 as of 2015-12-23

Further details: Intended purpose:
Earmuff with headband / personal protective equipment according to
article 8 (2) of the EC-directive 89/686/EEC (category II)

Manufacturer:
Honeywell Safety Products, USA Inc.
7828 Waterville Road
San Diego, CA 92154
USA

The product tested complies with the essential requirements of Annex II of the directive
89/686/EEC (**Personal Protective Equipment**), amended by the directives 93/68/EEC,
93/95/EEC and 96/58/EC.

The present certificate is valid until: **2020-12-22**

Further provisions concerning the validity, the extension of the validity and other conditions are
laid down in the Rules of Procedure for Testing and Certification.

mpe

Dr. rer. nat. Peter Paszkiewicz
Head of testing and certification body

Dr. rer. nat. Sandra Dantscher
Certification officer

Example showing the CE marking



To the CE marking of PPE of category III will be added the identification number of the notified body carrying out the control measures.
