



PRODUCT NUMBER: 1012521
Matrix ORANGE Earplug
(Corded)

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[Learn more about hearing conservation at hearforever.org](http://hearforever.org) >



Overview

Reference Number

1012521

Product Type

Hearing Protection

Range

Earplugs

Line

Disposable Earplugs

Brand

Howard Leight by Honeywell

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

Single-Use Earplug

Features & Benefits

Feature

PATENTED NO-ROLL DESIGN Insertion is fast and easy, delivering instant protection upon proper insertion. **SOUND MANAGEMENT** Uniform attenuation profile blocks loud noise while voice and other higher frequencies can be heard more naturally. **SMALLER DIAMETER** Eliminates that "plugged up" feeling in your ear canal. **SMOOTH OUTER SKIN** Thermoplastic Elastomer (TPE) material is a great match for the sensitive skin inside your ear canal, delivers long-term comfort.

Benefit

We made the diameter smaller, but packed in more innovation. The result is the patented Matrix, a triumph of hearing

protection technology. It promises enhanced communication, safety and compliance. And forget rolling forever. Insertion is fast, and protection is instant upon proper insertion. A revolutionary, super-soft outer skin ensures comfort, and low-pressure foam does away with that plugged-up feeling.

Technical Description

SNR (dB)

29

H (dB)

31

M (dB)

25

L (dB)

22

Attenuation Data

Frequency (Hz) Frequenz (Hz) Fréquence (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB) Mittlere Dämmung (dB) Atténuation moyenne (dB)	17.6	21.8	26.1	28.7	29.5	34.9	37.2	39.8
Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB)	5.1	4.7	5.4	5.2	5.3	3.8	2.7	4.0
Assumed Protection (dB) Angenommener (dB) Protection supposée (dB)	12.5	17.1	20.7	23.5	24.2	31.1	34.5	35.

Size

Fits All

Color

Orange and Blue

Shape

Cylinder

Corded

Yes

Weight (grs)

0.40

Certifications

E.C. Declaration of Conformity

EC Category PPE

2

Quality Assurance

ISO 9001 / 2000

EC Certificate Number

EC1161

EC Attestation

 EC Attestation

EC Attestation Number

031051

Additional Information

User Manual

Instruction Manual - Matrix (global)

Maintenance

Life Cycle

These plugs must be disposed of and replaced after each wearing.

Storage Information

All earplugs should be stored before and between usages in a way that protects them from dirt, grease, and other contaminants.

Care Instructions

Disposable earplugs are made of either TPE (Thermoplastic elastomers) or polyurethane foam. Washing and cleaning of disposable earplugs are not recommended. These plugs must be disposed of and replaced after each wearing. Excessive moisture reduces the attenuation and slows down the foam recovery which may lead to improper fit.

Packaging

EAN Code

033552013730