



**PRODUCT NUMBER: 1011234**  
**Fusion Detectable Regular (Corded)**

[Learn more about our products at howardleight.com](#)

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## Overview

**Reference Number**

1011234

**Product Type**

Hearing Protection

**Range**

Earplugs

**Line**

Detectable 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**

Multi-Use Earplug, Detectable

Metal Detection for Food Industry

## Features & Benefits

**Feature**

**VISUAL AND METAL DETECTION** Detectable ring on stem and attached metalized cord detectable by automated equipment, while blue color aids in visual detection. **MULTIMATERIAL FUSED DESIGN** Combines TPE firm core for easy handling and TPE soft flanges for comfort and fit. **QUADRUPLE SOFTFLANGE DESIGN** Provides all day comfort and superb attenuation. **FLEXIFIRM CORE** Easy to grasp, aids in insertion. **HEARPACK STORAGE CASE** Easy to stow on a

break, store between shifts or keep right at hand. BLUE STEM COLOR Denotes regular size.

#### Benefit

Fusion multiple-use earplugs use advanced manufacturing technology to deliver a revolutionary combination of all-day comfort and easy handling. Its FlexiFirm™ core ensures easy insertion into the ear canal and a superior fit all day long. Fusion's patented SoftFlange™ design adjusts perfectly to the ear canal to deliver unmatched comfort and superior attenuation. Two sizes – regular and small – provide optimal fit for comfort and safety, while its soft braided fabric detachable cord system adapts to any application.

## Technical Description

#### SNR (dB)

28

#### H (dB)

29

#### M (dB)

25

#### L (dB)

24

#### 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)    | 24.6 | 28.3 | 28.6 | 27.9 | 29.4 | 31.0 | 40.0 | 40.9 |
| Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB) | 6.0  | 5.1  | 5.6  | 5.0  | 5.6  | 3.7  | 5.6  | 5.5  |
| Assumed Protection (dB) Angenommener (dB) Protection supposé (dB)       | 18.6 | 23.2 | 23.0 | 22.9 | 23.8 | 27.3 | 34.4 | 35.4 |

#### Size

Regular

#### Color

Blue

#### Shape

flange

#### Corded

Yes

#### Weight (grs)

0.92

#### Design Patents

Metal Detectable Earplug

## Certifications

#### EU Category PPE

3

#### Quality Assurance

ISO 9001 / 2000

#### EU Certification

EU Attestation

## Additional Information

### User Manual

Instruction Manual - Fusion Detectable (global)

## Maintenance

### Life Cycle

We recommend replacement every 2-4 weeks.

### 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

Our reusable earplugs may be washed in warm water and allowed to air dry. Washing may be repeated several times, but we recommend replacement every 2-4 weeks. Hydrocarbon based solvents, such as alcohol, should not be used to clean reusable ear plugs. The use of such solvent based cleaners may cause reusable plugs to soften, swell, and weaken with time. Additionally, with extended use, reusable plugs must be regularly inspected for serviceability.

## Packaging

### EAN Code

0335520112347