



PRODUCT NUMBER: 1012522

## Smartfit Detectable

[Learn more about our products at howardleight.com](https://www.howardleight.com)

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### Overview

#### Reference Number

1012522

#### 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 Metal detection for the Food Industry

50 pair / box, polybag

### Features & Benefits

#### Feature

CONFORMING MATERIAL TECHNOLOGY™ Thermoplastic Elastomer (TPE) adapts plug to the contours of the ear canal for a more personalized fit, feels better the longer you wear it. VISUAL AND METAL DETECTION Detectable ring on stem and attached metalized cord detectable by automated equipment, while blue color aids in visual detection. IDEAL FOR PROCESS INDUSTRIES Pulp & paper, food/beverage processing, tobacco.

**Benefit**

Ears are like people — each one unique and different. That's what makes SmartFit Detectable such a marvel of user-friendly design. The only multiple-use earplug with Conforming Material Technology™ SmartFit Detectable uses body heat to adapt to the shape of the ear canal for a comfortable, personalized fit. Designed for process industries such as food and pulp/paper, SmartFit Detectable's bright blue color and metalized features aid can be detected by visual or automated methods. It's the ultra-smart choice for today's diverse workplace.

**Technical Description**

**SNR (dB)**

30

**H (dB)**

32

**M (dB)**

27

**L (dB)**

23

**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)	30.9	31.4	28.8	32.5	33.8	35.6	39.3	41.9
Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB)	6.2	7.3	8.9	8.1	7.3	4.3	6.0	5.0
Assumed Protection (dB) Angenommener (dB) Protection supposé (dB)	24.7	24.1	19.9	24.4	26.5	31.3	33.3	36.9

**Size**

Fits All

**Color**

Blue

**Shape**

flange

**Corded**

Yes

**Weight (grs)**

0.89

**Design Patents**

Metal Detectable Earplug

**Certifications**

**EU Category PPE**

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**Quality Assurance**

ISO 9001 / 2000

**EU Certification**

2777/12543-01/E00-00

## Additional Information

### User Manual

Instruction Manual - SmartFit Detectable

## 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

033552014522