



**Product Family**

**Fusion Detectable Earplug**

Fusion Detectable 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 – large and small – provide optimal fit for comfort and safety, while the attached cord and metal stem ring allow earplug detection for process industries.

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

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**Product Numbers & Ordering Information**

|   | Product Numbers | Details  |
|---|-----------------|--|
|  | FDT-30          | <b>Fusion Detectable - Regular</b><br>NRR 25 Canada Class A(L) |
|  | FDT-30-SM       | <b>Fusion Detectable - Small</b><br>NRR 25 Canada Class A(L)   |

**Overview**

**Key Features**

- Patented dual material design • FlexiFirm stem is easy to grasp, ensures easy insertion into the ear canal
- SoftFlanges create comfortable seal in the ear canal for superior comfort and protection
- Attached cord and metal stem ring easily detected by automated equipment
- Blue color provides high visibility in detection
- Cleans with soap and water, lasts for weeks
- Two sizes fine-tune fit for personal comfort and safety

**Recommended Industries/Use**

- Food Services

**Hazards**

- Noise

**Regulations**

## Fusion Detectable Earplug

- 29 CFR 1910.95 - OSHA Occupational Noise Exposure (US)
- ANSI S3.19-1974 - Attenuation Test Protocol (US)
- Part II, (R.S.C. 1985, c. L-2 - Canada Labour Code
- Z94.2-1994 - Attenuation Test Protocol (CAN)
- 2003/10/EC - EU Hearing Directive
- 89/686/EEC - EU Directive/PPE
- Category II - EC Category/PPE
- EN 352-2:2002 - EU Standards
- NOHSC: 1007 (2000) - National Standard for Occupational Noise (AUS/NZ)
- NR 15 - Security and Health of Work, Annexes 1 and 2, n°3.214/1978 - Occupational Noise Regulations (BR)
- ANSI S12.6/1997 - Method B - Attenuation Test Protocol (BR)
- 9001:2008 - ISO

### Historical Brand

Howard Leight

## Specifications

### Color

- Blue/Translucent Blue [regular] or Blue/Clear [small]

### Shape

- 4 Flange

### Material

- TPE/Steel

### Packaging

- HearPack

### Cord

- Attached Woven Cord

### NRR

- 25

### Canada Class

- A(L)

### SNR

- 28

### SLC80

- 22 dB / Class 4

### EU Certifications

- European Directives – 89/686/EEC
- EC Category PPE – Category II
- Standards – EN 352-2:2002
- EC Certification Number – 0401035
- EC Attestation Number – 22977
- Laboratory – B.G.I.A.

### AUS Certifications

- Standardsmark License #1579

## Certifications

### CE Certificate - Fusion

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Secured/Hearing\\_Protection](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection)

/Earplugs/20034/1033.aspx

CE Certificate - Fusion

**Instruction Manual - Fusion & Fusion Detectable (global)**

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Secured/Hearing\\_Protection/Earplugs/41908/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earplugs/41908/1033.aspx)

Click on link above to download the user instruction manual for Fusion Detectable earplugs.

**EC Certificate - Earplugs**

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Secured/Hearing\\_Protection/Earplugs/42685/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earplugs/42685/1033.aspx)

EC Declaration of conformity The manufacturer SPERIAN HEARING PROTECTION, LLC, 7828 Waterville Rd. San Diego, CA 92154 United States declares that the Personal Protective Equipment (PPE) items listed below, conform with the provisions of Council Directive 89/686/EEC and, where applicable, with the national standard, tr

## Literature & Documents

**DOC2655 HEAR AFF Earplug Fit 508x800 GBd**

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/4294996679/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/4294996679/1033.aspx)

1 1 1 2 2 2 3 3 3 No-Roll Foam Roll-Down Foam Multiple-Use Banded Matrix™ Max SmartFit QB2HYG 213 Keys to Successful Hearing Protection with Earplugs Reach over your head with a free hand, pull your ear up and back, and insert the earplug well inside your ear canal. While holding the stem, reach a hand over your head a

**Earplug Instruction Poster - ES**

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Hearing\\_Protection/Earplugs/19802/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Hearing_Protection/Earplugs/19802/1033.aspx)

**Earplug Instruction Poster - FR**

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Hearing\\_Protection/Earplugs/19800/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Hearing_Protection/Earplugs/19800/1033.aspx)

## Training & Proper Use

1. While holding the stem, reach a hand over your head and gently pull top of your ear up and back.
2. Insert the earplug so all flanges are well inside your ear canal.
3. If properly fitted, the tip of the earplug stem may be visible to someone looking at you from the front.
4. Proper Fit – If either or both earplugs do not seem to be fitted properly, remove the earplug and reinsert.
5. Removal – Gently twist earplug while slowly pulling in an outward motion for removal.
6. Acoustical Check – In a noisy environment, with earplugs inserted, cup your hands over your ears and release. Earplugs should block enough noise so that covering your ears with your hands should not result in a significant noise difference.

## Additional Information

### CARE + MAINTENANCE

- **INSPECT** – Prior to fitting, examine your earplugs for dirt, damage, deformation or extreme hardness—discard immediately if compromised.
- **CLEAN** – Wash Multiple-Use earplugs with mild soap and warm water only. Pat dry with a towel and store in a case when not in use. Do not treat with any other substances, as the earplugs may degrade and compromise use.
- **HYGIENE** – With proper maintenance, Multiple-Use earplugs can last for 2-4 weeks.

### RELATED PRODUCTS