



**Product Family**

**SmartFit Detectable Earplug**


Ears are like people — each one is unique and different. That’s what makes SmartFit Detectable such a marvel of user-friendly design. The only multiple-use detectable 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 can be detected by visual or automated methods. It’s the ultra-smart choice for today’s diverse workplace.

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

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**Product Numbers & Ordering Information**

	Product Numbers	Details
	SDT-30	<b>SmartFit Detectable</b> NRR 25 Canada Class A(L)

**Overview**

**Key Features**

- Conforming Material Technology adapts to the shape of the surrounding ear canal when in your ear, and returns the earplug to its original shape when removed
- Delivers superior comfort and a truly individual fit
- Simplifies inventory control - a single product can fit almost every wearer
- Blue color provides high visibility in detection
- Metal ring on stem detectable by automated equipment

**Recommended Industries/Use**

- Food Services
- Pharmaceutical

**Hazards**

- Noise

**Regulations**

- 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

## SmartFit Detectable Earplug

- 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

### Shape

- 3 Flange

### Material

- TPE, Steel

### Packaging

- Polybag

### Cording

- Polycord

### NRR

- 25

### Canada Class

- A(L)

### SNR

- 30

### SLC80

- 16 dB / Class 2

### EU Certifications

- European Directives – 89/686/EEC
- EC Category PPE – Category II
- Standards – EN 352-2:2002
- EC Certification Number – 1134
- EC Attestation Number – 03.06.49, 04.08.09, 04.09.50
- Laboratory – INSPEC

### AUS Certifications

- Standardsmark License #1579

## Certifications

### 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

## Literature & Documents

### Earplug Fitting Poste AU

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/4294996741/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/4294996741/1033.aspx)

Earplug Fitting Instructions Keys to Successful Hearing Protection with Earplugs Wear Read and follow all earplug fitting instructions. Selection Avoid overprotection in minimal noise environments – in selecting the best earplug for your situation, consider noise levels and your need to communicate with co-workers or h

### DOC2653 HEAR AFF Earplug Fit 508x800 SPa

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/4294996680/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/4294996680/1033.aspx)

Claves Para una Proteccin Auditiva Correcta con Tapones Uso • Lea y siga todas las instrucciones de colocacin de los tapones para los odos. Seleccin • Evite la sobreproteccin en ambientes donde el ruido sea mnimo: al seleccionar los mejores tapones en su situacin, considere los niveles de ruido y su necesidad de comun

### DOC2654 HEAR AFF Earplug Fit 508x800 FRa

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/4294996681/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/4294996681/1033.aspx)

Conseils pour insrer efficacement vos bouchons d'oreille Utilisation • Lire et suivre attentivement le mode d'emploi Slection • Eviter la sur-protection dans un environnement faible niveau sonore • Slectionner la protection auditive la plus adquate en fonction du niveau sonore, des besoins de communication avec les co

### Hearing Thermometer POST AU

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/4294996746/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/4294996746/1033.aspx)

M1Rifle 161 dB Fireworks 162 dB Handgun 166 dB Apollo Lift-Off 188 dB Shotgun 170 dB Artillery Fire 162 dB Firecracker 150 dB Balloon Pop 157 dB Jet Engine Take-Off 150 dB Engine Backfire 140 dB Bicycle Horn 143 dB Dynamite Blast 140 dB Pig Squeal 130 dB Jackhammer 130 dB Auto Racing 130 dB Oxygen Torch 121 dB Hammer o

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[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/4294996741/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/4294996741/1033.aspx)

Earplug Fitting Instructions Keys to Successful Hearing Protection with Earplugs Wear Read and follow all earplug fitting instructions. Selection Avoid overprotection in minimal noise environments – in selecting the best earplug for your situation, consider noise levels and your need to communicate with co-workers or h

### POST14 Care and Maintenance

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/4294997025/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/4294997025/1033.aspx)

CARE AND MAINTENANCE Single-Use Earplugs Inspect Inspect prior to fitting, examine your earplugs for dirt, damage or extreme hardness—discard immediately if compromised. Discard For proper hygiene, discard Single-Use earplugs after use. Hygiene To maintain hygiene standards, Single-Use earplugs should be discarded at

## 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

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