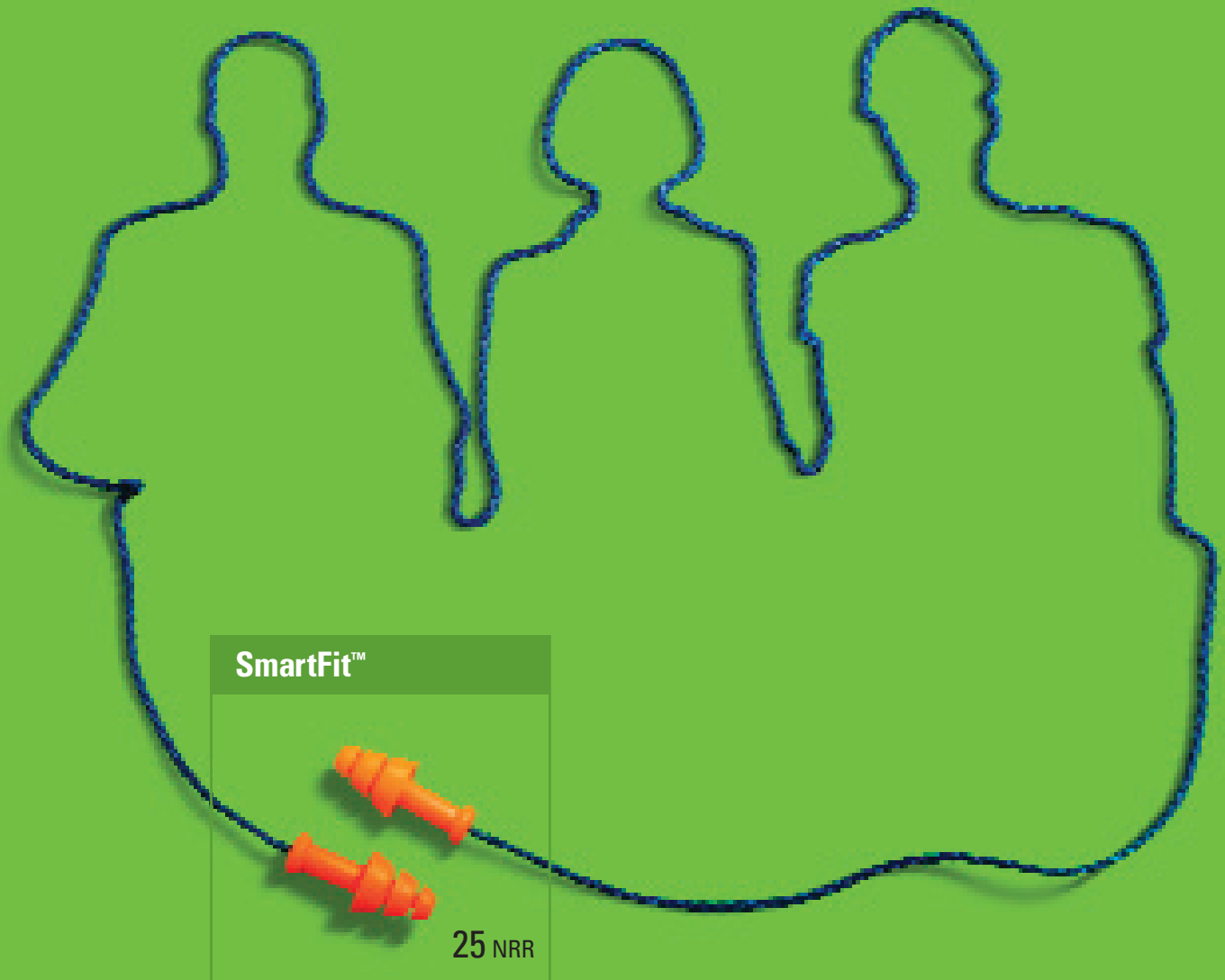


# SMARTFIT™



## NO TWO ARE ALIKE.

The ultra-smart choice for today's diverse workplace.

HOWARD  
LEIGHT 

## The Issue:

It's a fact. No two people – or ears – are alike. He likes the blue earplug with the red cord, but she insists on the orange one with no cord. It's your job to make sure they both have safe, comfortable hearing protection, but you need to manage costs and inventory as well. Not an easy task. Until now.

## The Answer:

Our new SmartFit™ reusable earplug uses Conforming Material Technology™ to adapt its shape to the unique shape of the wearer. The result is a great, custom-like fit with an off-the-shelf product.

Now more of your people can be more comfortable for more hours per day – all using the same earplugs. That's good for safety and for business.

# A marvel of user-friendly design, SmartFit is the ultra-smart



Howard Leight SmartFit HearPack



## SmartFit Performance

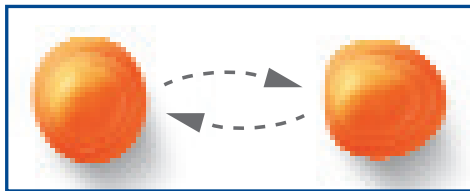
### Feature

- ① Conforming Material Technology™
- ② Flat Fin Seal
- ③ Flanged Handle
- ④ Detectable Versions

## How Does It Work?

SmartFit uses advanced materials that respond to body heat inside the ear. As SmartFit warms up, it takes on the shape of the surrounding ear canal. Got a bump in there, or a bend? No problem. SmartFit adapts to fit. Unlike traditional earplugs which feel okay at first but can irritate over time, SmartFit actually feels better the longer you wear it. And getting your people to wear their protection longer is what it's all about.

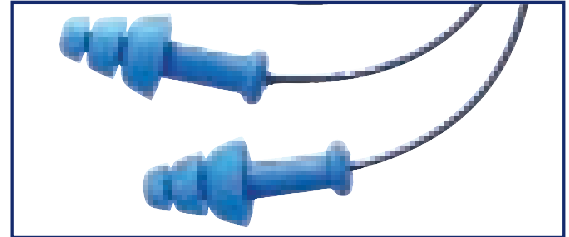
When removed, SmartFit returns to its original shape, ready to be used again and again. There's just no easier way to offer greater comfort, protection and convenience for everyone.



*SmartFit's 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.*

## Special Applications

For work applications where contamination by foreign objects is unacceptable, SmartFit is available in both visual and metal detectable versions. SmartFit Blue offers visual detection, for operations where metal detection is not required. SmartFit Detectable offers both visual and metal detection, frequently required in food processing and pulp/paper industries.



*SmartFit offers both visual and metal detection options for work applications where contamination by foreign objects is unacceptable.*

# choice for today's diverse workplace.

## e Profile

Description	Benefit
Adapts plug to contours of the ear canal	<ul style="list-style-type: none"> <li>• Provides exceptional comfort and a better fit the longer you wear it</li> <li>• Returns to original shape after wear</li> </ul>
One size fits most users	<ul style="list-style-type: none"> <li>• Simplifies inventory management</li> </ul>
Triple fin design	<ul style="list-style-type: none"> <li>• Maximizes comfort by delivering more contact inside ear canal</li> </ul>
Creates better seal	<ul style="list-style-type: none"> <li>• More comfortable inside ear canal</li> </ul>
NRR 25	<ul style="list-style-type: none"> <li>• Provides beefy protection</li> </ul>
For easy handling	<ul style="list-style-type: none"> <li>• High visibility for compliance checks</li> </ul>
Visual and metal detection options	<ul style="list-style-type: none"> <li>• Applicable for environments where contamination by foreign objects is not acceptable</li> </ul>

*More information available at [www.howardleight.com/smartfit](http://www.howardleight.com/smartfit)*

## SmartFit Ordering Information

SKU	Description	Packaging	Configuration
SMF-30	Orange Plug, Nylon Detachable Cord	HearPack™	1,000 PR/Case [10 Boxes/100 PR]
SMF-30W-P	Orange Plug, Attached White Cotton Cord	Paper Bag	500 PR/Case [5 Boxes/100 PR]
SMF-30BU	Blue Plug for Visual Detection, Attached Blue Polycord	Polybag	500 PR/Case [5 Boxes/100 PR]
SDT-30	Blue Plug, Metal Ring & Attached Metalized Cord for Detection	Polybag	500 PR/Case [5 Boxes/100 PR]

## Proper Insertion Instructions

### INSERTION

While holding the stem, reach hand overhead and gently pull top of ear up and back. Insert earplug so all three flanges are well inside the ear canal.

### PROPER FIT

In a noisy environment, with earplugs inserted, cup hands over ears and release. Earplugs should be blocking enough noise so that covering your ears with your hands should not result in a significant noise difference. If proper fit is not obtained, move to a quiet location and repeat fitting instructions.

### CARE

Clean often in soapy water. Replace hard, torn or damaged plugs.

**⚠️ WARNING** Remove earplugs slowly with twisting motion to gradually break seal. Rapid removal may damage eardrum. Improper fitting will reduce effectiveness and could result in hearing loss or injury. Keep away from infants and small children. These earplugs are non-toxic but may interfere with breathing if caught in windpipe. Failure to follow these warnings may result in serious personal injury or serious illness, including total loss of hearing.

## SmartFit Multiple-Use Earplug Attenuation Data

SMF-30 / SMF-30W-P / SMF-30BU / SDT-30 NRR 25 Class A (L) Attenuation data tested according to ANSI S.3.19-1974									
Frequency/HZ	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation	29.5	28.0	30.5	31.6	33.5	40.5	40.0	41.8	42.1
Standard Deviation	3.5	4.1	3.6	3.2	3.5	3.3	4.2	5.3	4.7

## About Howard Leight

From our beginnings as a one-man operation more than 30 years ago, Howard Leight Industries has grown into one of the largest manufacturers of in-ear protection in the industrial market and the recognized innovator in protection and fit. Since 2001 we've been part of the Bacou-Dalloz™ Hearing Safety Group. Combining the innovation and expertise of Howard Leight® earplugs and Bilsom® earmuffs, the Bacou-Dalloz Hearing Safety Group is a world leader in hearing safety.



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