



Product Family
Matrix Single-Use Earplugs

No-roll design, enhanced communication








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






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[Learn more about hearing conservation at hearforever.org](http://hearforever.org) >



Product Numbers & Ordering Information

	Product Numbers	Details
	1012720	Matrix Blue - corded SNR 23 H - 26 M - 20 L - 15
	1011238	Matrix Blue - uncorded SNR 23 H - 26 M - 20 L - 15
	1012911	Matrix Blue - uncorded bulk refill for Leight Source 400 SNR 23 H - 26 M - 20 L - 15
	1012721	Matrix Blue - uncorded bulk refill for Leight Source 500 SNR 23 H - 26 M - 20 L - 15
	1012520	Matrix Green - corded SNR 27 H - 29 M - 23 L - 20
	1011237	Matrix Green - uncorded SNR 27 H - 29 M - 23 L - 20
	1013041	Matrix Green - uncorded bulk refill for Leight Source 400 SNR 27 H - 29 M - 23 L - 20

	1012722	Matrix Green - uncorded bulk refill for Leight Source 500 SNR 27 H - 29 M - 23 L - 20
	1012521	Matrix Orange - corded SNR 29 H - 31 M - 25 L - 22
	1011236	Matrix Orange - uncorded SNR 29 H - 31 M - 25 L - 22
	1013042	Matrix Orange - uncorded bulk refill for Leight Source 400 SNR 29 H - 31 M - 25 L - 22
	1012723	Matrix Orange - uncorded bulk refill for Leight Source 500 SNR 29 H - 31 M - 25 L - 22

Overview

Key Features

- Patented no-roll design makes insertion fast and easy
- Smooth outer skin and reduced diameter provide long-term comfort
- Delivers instant protection upon proper insertion – no need to wait for foam to expand
- Uniform attenuation profile blocks out noise while voice frequencies can be heard more naturally
- Three attenuation levels for targeted attenuation
- Bulk refills for Leight Source 400 and Leight Source 500 Earplug Dispensers save time, waste and space

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
- Z94.2-1994 - Attenuation Test Protocol (CAN)
- 2003/10/EC - EU Hearing Directive
- 89/686/EEC - EU Directive/PPE
- Category II - EC Category/PPE
- 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

- Orange [high], Green [medium], Blue [low]

Shape

- Cylinder

Material

- TPE Foam

Packaging

- • Polybag • Bulk Refill for Leight Source 400 or Leight Source 500 Dispenser

Cord Options

- • Uncorded • Polycord

Certifications

CE Certificate - Matrix

http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earplugs/20037/1033.aspx

CE Certificate - Matrix

EC Certificate - Earplugs

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

EC Attestation Report - Matrix Green

http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earplugs/20050/1033.aspx

EC Attestation Report - Matrix Green

EC Attestation Report - Matrix Orange

http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earplugs/20051/1033.aspx

EC Attestation Report - Matrix Orange

Literature & Documents

Instruction Manual - Matrix (global)

http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Hearing_Protection/Earplugs/4294986715/1033.aspx

Earplug Instruction Poster - EN

http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Hearing_Protection/Earplugs/19799/1033.aspx

Training & Proper Use

1. Reach over your head with a free hand, pull your ear up and back, and insert the earplug well inside your ear canal.
2. Stop pushing earplug when your finger touches your ear.
3. If properly fitted, the end of the earplugs should not 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.

Promotions

CARE + MAINTENANCE

- 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 the end of every shift.