



Fit.
Selection.
Protection.

It's all about choice.

Selecting the right protection for your workers means more than choosing the earplug with the highest NRR. A better way to ensure that hearing protection is used consistently and properly is to select earplugs by Comfort Profile. That means considering all the features that make one earplug work and fit differently than another: material, shape, size and NRR. Howard Leight makes it easy to compare products and ensure that all your workers receive the right fit and protection.

Packaging, dispenser and storage options

Whether you're outfitting employees by the handful or the hundreds, we offer convenient and economical options that fit the needs of your workplace.

What are the choices? Recyclable paper packages, individual polybags, reusable cases and bulk dispensers that eliminate packaging completely, just to name a few.

Cords for added convenience

In many environments, workers need to remove their earplugs during the course of a day's work. We offer a wide selection of products with cords that make removing and refitting earplugs more convenient and reduce lost plugs.



Find It Fast

Need to compare products or find a specific feature? Our FastSpecs make it easy.

1. New Designs

Look to these products for the latest innovations in performance and comfort.

2. Shape

Because every ear is different, Howard Leight earplugs are available in a range of shapes.



- Flange**
Distributes pressure evenly on the ear canal to deliver unmatched comfort and superior attenuation
- Bell**
Flared shape provides superior attenuation
- T**
Contoured for easy insertion and comfortable long-term wear
- Pill**
Two sizes in one provide more fit options with a single product
- Cylinder**
Contoured to fit the shape of the ear canal
- Flat Arrow**
Fits easily inside the ear canal opening and provides excellent protection
- Oval Pad**
Fits just outside the opening of the ear canal for wearer comfort

3. Material

Foam
Low and medium pressure foam. Self-adjusts for a comfortable fit.

Molded
Soft and pliable. Ideal for long-wearing or multiple-use applications.

Conforming Material Technology® (CMT)
The ultimate fit. Changes shape with body heat to conform to every individual wearer. The longer you wear it, the better it fits.

4. Noise Reduction Rating (NRR)

This rating system established by the EPA lets you compare the level of protection offered by various products. Use NRR, along with comfort features, to determine what product works best in your situation.

5. Sizes

- ALL** One Size Fits All
- S** Small
- M** Medium
- L** Large

Innovations in comfort + convenience



Want innovation? We'll give you an earful.

We made the diameter smaller, but packed in more innovation. The result is the patented Matrix, a triumph of hearing protection technology. It promises enhanced communication, safety and compliance. And forget rolling forever. Insertion is fast, and protection is instant upon proper insertion. A revolutionary, super-soft outer skin ensures comfort, and low-pressure foam does away with that plugged-up feeling. Plus, Matrix's uniform attenuation blocks harmful noise, so voice frequencies can be heard more naturally, combating worker isolation and overprotection on the job.



Matrix's unique no-roll design allows wearers to push the plug in and go – insertion is easy, fast and reliable.



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

Ears are like people – each one unique and different. That's what makes SmartFit such a marvel of user-friendly design. Featuring Howard Leight's patented Conforming Material Technology,™ SmartFit uses body heat to adapt to the shape of the ear canal for a comfortable, personalized fit. With a detachable cord system, HearPack® carry case and special application styles available, it's the ultra-smart choice for today's diverse workplace.



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.



Setting the standard - again.

In 1977, Howard Leight introduced AirSoft, setting the standard for comfort, fit and protection with its unique air pocket design. In 2006, AirSoft elevates its groundbreaking air pocket design to the next level for superior protection. Utilizing advances in acoustical engineering, AirSoft's new internal fins create an interlocking, noise-blocking barrier within the air pocket, providing dependable attenuation for all wearers upon proper insertion. AirSoft's new four flange profile creates a better seal in the ear canal, delivering optimal protection and increased comfort for long-term wear.



Single-Use Earplugs

Single-Use shouldn't mean single choice. Howard Leight offers a comprehensive choice of Single-Use earplugs that include the comfort features your employees deserve, plus the highest NRR available. An economical and convenient choice for work situations that demand a high degree of comfort, frequent changes or where hygiene presents a problem for reuse.

Highest NRR in Single-Use

- The world's most-used polyurethane earplug
- Bell shape delivers maximum in-ear comfort
- Improved design easier to insert, reduces tendency to back out of ear
- Smooth, soil-resistant skin prevents dirt build-up

Corded MAX-30 | Uncorded MAX-1
LS-500 Dispenser MAX-1-D | LS-400 Dispenser MAX-LS4

Comfort for smaller wearers

- Ideal size for female workers
- Low pressure foam expands gently for comfortable long-term wear
- Contoured T-shape for easy handling and wear

Corded LPF-30 | Uncorded LPF-1
LS-500 Dispenser LL-1-D | LS-400 Dispenser LPF-LS4

The bright idea in protection

- Vibrant colors make protection visible – and fun
- Self-adjusting foam expands to fit virtually every wearer
- Contoured T-shape for easy insertion and wear

Corded LL-30 | Uncorded LL-1
LS-500 Dispenser LL-1-D | LS-400 Dispenser LL-LS4

Max®



Max Lite®



Laser Lite®



Max® USA
in patriotic colors
Corded MAX30-USA
Uncorded MAX1-USA

Matrix™



MultiMax®



Matrix/Medium



Matrix/Low



Uncorded MTX-1-GR
Corded MTX-30-GR
LS-500 Dispenser
MTX-1-GR-D
LS-400 Dispenser
MTX-GR-LS4

Uncorded MTX-1-BU
Corded MTX-30-BU
LS-500 Dispenser
MTX-1-BU-D
LS-400 Dispenser
MTX-BU-LS4

New no-roll foam

- Patented no-roll design makes insertion 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 loud noise while voice frequencies can be heard more naturally
- Three attenuation levels for targeted attenuation

Uncorded MTX-1-OR | Corded MTX-30-OR
LS-500 Dispenser MTX-1-OR-D
LS-400 Dispenser MTX-OR-LS4

Two sizes in one product

- Improves individual fit, while simplifying inventory
- Smooth, soil-resistant skin prevents dirt buildup
- Self-adjusting foam expands to fit virtually every wearer

Uncorded MM-1 | LS-500 Dispenser MM-1-D
LS-400 Dispenser MM-LS4





Multiple-Use Earplugs

Multiple-Use Earplugs last for weeks, reduce waste and save money. Simply clean with soap and water. Ideal for environments where workers can retain and store earplugs for reuse.

Easy handling and better fit

- Patented “no-roll” design is easy to handle and fit
- Contoured shape comfortably matches contours of the ear canal
- Built-in insertion stem

Corded QD30 | Uncorded QD1
LS-500 Dispenser QD1-DS

An industry standard optimized

- Advanced air pocket design features internal noise-blocking fins
- Four flange profile creates better seal in the ear canal
- Tapered shape fits better in the ear canal
- Firm stem facilitates easy insertion and removal

Corded DPAS-30R, DPAS-30W | Uncorded DPAS-1

Total protection, comfort and fit

- FlexiFirm® core for easy handling
- SoftFlange™ design for comfort and fit
- Unique detachable cord system
- HearPack® storage case

Corded FUS30-HP (regular), FUS30S-HP (small)

Quiet®



Molded

S M L

26 NRR

* AirSoft®



Molded

ALL

27 NRR

Fusion®



Molded

S L

27 NRR

SmartFit®



CMT

ALL

25 NRR

A revolution in personal fit

- Advanced material uses body heat to adapt to the individual shape of each wearer’s ear canal
- Delivers superior comfort and a truly individual fit
- Simplifies inventory control – a single product fits almost every wearer
- HearPack® storage case; unique detachable cord system
- Process Industry style available with attached cotton cord and paper bag (SMF-30W-P)

Corded SMF-30 | Process Industry SMF-30W-P



Detectable Earplugs

Our comprehensive selection of detectable earplugs are designed for high visibility and detectability. Available in Single-Use and Multiple-Use options. Specially created for environments where contamination from foreign objects is unacceptable.

High attenuation in Single-Use Detectable

- Self-adjusting foam expands to fit virtually any wearer
- Non-ferrous metal and bright colors – easily detected by visual and automated inspection
- Contoured T-shape for easy insertion and wear

Corded LT-30

A revolution in personal fit

- Delivers superior comfort and a truly individual fit
- Simplifies inventory control – a single product fits almost every wearer
- Blue color provides high visibility in detection (SDT-30, SMF-30BU)
- Detectable ring on stem and metalized cord detectable by automated equipment (SDT-30 only)

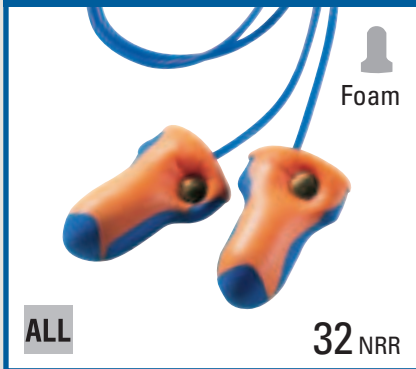
SmartFit Detectable SDT-30
SmartFit Blue SMF-30BU

Total protection, comfort and fit in Multiple-Use

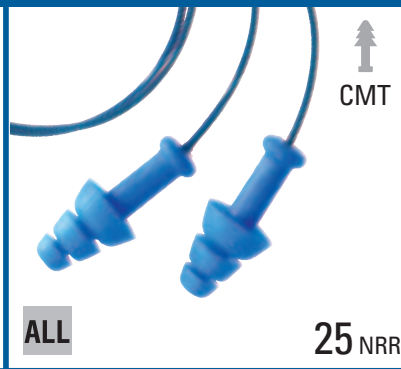
- Patented dual material design
- FlexiFirm® core for easy handling; SoftFlanges™ for comfort and fit
- Metalized cord and stem ring easily detected by automated equipment
- Cleans with soap and water, lasts for weeks
- HearPack® storage case

Corded FDT-30 Regular | FDT-30SM Small

Laser Trak®



SmartFit® Detectable



Fusion® Detectable



Earplug Dispensers

Save time, space and waste with earplug dispensers. For big and small operations, dispensers offer an economical, hygienic and user-friendly source for hearing protection.



LS-500 Leight® Source 500 Dispenser

Permanent hearing protection source

- Heavy-duty anodized aluminum with stands constant use
- Mount on wall for easy access
- Crank handle to dispense earplugs
- Ideal for large factories and process industries that have zero tolerance for packaging waste
- Matrix®, Max®, Max Lite®, Laser Lite®, MultiMax® and Quiet® bulk refills available
- Holds 500 pairs of earplugs

LS-500 Leight Source Dispenser

Matrix	MTX-1-OR-D High MTX-1-GR-D Medium MTX-1-BU-D Low
Max	MAX-1-D
Max Lite	LPF-1-D
Laser Lite	LL-1-D
MultiMax	MM-1-D
Quiet	QD1-DS





Banded Earplugs

We offer a variety of performance features, including a patented band design that prevents ear pods from touching dirty or contaminated surfaces when set down. Great for managers or for use in environments with intermittent sound hazards.

Inner-aural protection

- Smooth, ergonomic pods fit in the ear for maximum protection
- Patented band design prevents ear pods from touching dirty or contaminated surfaces
- Lightweight and portable – designed especially for environments with intermittent noise hazards

QB1HYG

Supra-aural protection

- Soft pods rest partially in the ear for a balance of protection and comfort
- Patented band design prevents ear pods from touching dirty or contaminated surfaces
- Lightweight and portable – designed especially for environments with intermittent noise hazards

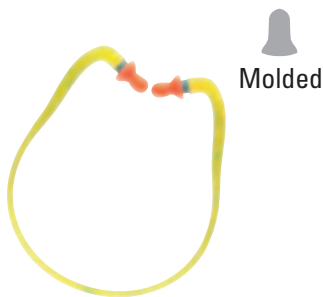
QB2HYG

Semi-aural protection

- Super soft pods rest outside the ear for outstanding comfort
- Patented band design prevents ear pods from touching dirty or contaminated surfaces
- Lightweight and portable – designed especially for environments with intermittent noise hazards

QB3HYG

QB1HYG®

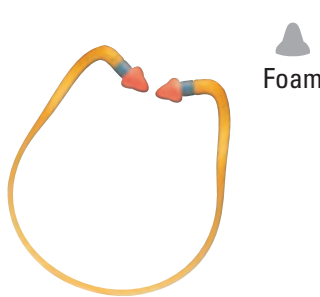


Molded

ALL

27 NRR

QB2HYG®

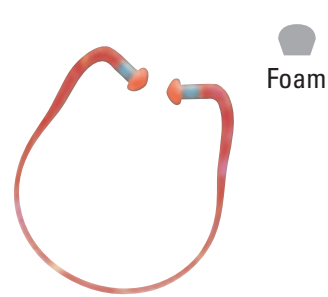


Foam

ALL

25 NRR

QB3HYG®



Foam

ALL

23 NRR



LS-400 Leight® Source 400 Dispenser

New versatile earplug dispenser

- Durable plastic design an economical choice for dispensing earplugs
- Mounts to wall or stands as table-top dispenser with balanced footing
- Twist knob to dispense earplugs
- Catch basin prevents earplugs from falling to the ground
- Matrix, Max, Max Lite, Laser Lite and MultiMax bulk bag refills available
- Holds 400 pairs of earplugs

LS-400 Leight Source Dispenser

Matrix	MTX-OR-LS4 High MTX-GR-LS4 Medium MTX-BU-LS4 Low
Max	MAX-LS4
Max Lite	LPF-LS4
Laser Lite	LL-LS4
MultiMax	MM-LS4



Single-Use Earplugs

Matrix™ – orange	NRR 29			Canada A (L)					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	31.4	34.3	38.3	34.5	36.0	40.3	39.2	40.9	44
Std. Dev.	3.6	4	3.9	3.0	2.7	3.4	3.1	3.5	3.4

Matrix™ – green	NRR 27			Canada A (L)					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	25.9	29.7	35.5	34.4	35.2	39.0	37.3	40.1	43.2
Std. Dev.	3.8	3.7	4.1	3.1	3	3.2	2.4	3.8	3.4

Matrix™ – blue	NRR 23			Canada A (L)					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	21.4	26.4	31.3	31.8	34.2	39.6	39.6	40.3	43.5
Std. Dev.	5.8	4.5	4.6	4.9	3.2	2.8	2	2.4	2.5

Max®	NRR 33			Canada A (L)					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	40.9	43.0	44.8	38.9	37.2	47.4	48.5	47.7	47.8
Std. Dev.	3.5	3.9	3.8	2.8	2.7	4.5	3.1	4.4	3.9

Max Lite®	NRR 30			Canada A (L)					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	33.5	33.6	36.0	37.5	39.4	42.5	43.9	43.7	45.2
Std. Dev.	3.6	3.4	3.2	3.5	3.5	3.4	5.1	4.8	5.1

Laser Lite®	NRR 32			Canada A (L)					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	36.8	38.0	40.4	41.1	40.1	44.4	48.5	46.4	45.8
Std. Dev.	4	4.5	5.5	4	2.7	4.5	4.1	5.4	5.2

MultiMax®	NRR 31			Canada A (L)					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	30.9	32.4	33.9	34.9	36.5	46.1	47.1	50.9	52.1
Std. Dev.	2.1	2.5	2.7	1.9	1.9	3.3	2.6	2.7	2.5

Multiple-Use Earplugs

SmartFit®	NRR 25			Canada A (L)					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	29.5	28	30.5	31.6	33.5	40.5	40.0	41.8	42.1
Std. Dev.	3.5	4.1	3.6	3.2	3.5	3.3	4.2	5.3	4.7

Fusion®	NRR 27			Canada A (L)					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	29.5	29.9	32.3	33.9	37.3	41.1	42.7	47.9	47.6
Std. Dev.	4.6	3.7	2.8	2.8	4.1	3.6	4.6	4.8	3.2

AirSoft®	NRR 27			Canada A					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	31.0	32.3	31.4	35.2	39.6	39.7	42.2	43.5	44.2
Std. Dev.	4.3	4.1	3.6	3.6	4.1	4.8	5.1	4.1	3.3

Quiet®	NRR 26			Canada A (L)					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	26.3	29.0	28.7	31.2	36.3	44.0	45.1	49.1	47.2
Std. Dev.	3.3	2.6	2.8	2.5	3.9	3.6	4.4	4.4	3.7

Detectable Earplugs

Laser Trak®	NRR 32			Canada A (L)					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	33.3	36.1	41.7	42.3	40.5	48.3	49.7	49.7	52
Std. Dev.	4.4	3.6	2.6	4.4	3.5	3.2	3.6	2.9	3.6

Fusion® Detectable	NRR 25			Canada A (L)					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	33.4	31.8	33.1	38.4	33.9	41.0	43.6	45.4	44.4
Std. Dev.	4.9	4.4	4.1	5.9	4.6	4.1	4.9	5.4	5.7

SmartFit® Detectable	NRR 25			Canada A (L)					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	29.5	28	30.5	31.6	33.5	40.5	40.0	41.8	42.1
Std. Dev.	3.5	4.1	3.6	3.2	3.5	3.3	4.2	5.3	4.7

Banded Earplugs

QB1HYG®	NRR 27			Canada B (L)		Under-the-Chin			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	31.2	31.5	31.6	32.3	35.1	42.6	45.8	47.0	48.0
Std. Dev.	2.6	2.8	3.3	3.3	2.5	2.3	2	2.7	3.2

QB2HYG®	NRR 25			Canada B (L)		Under-the-Chin			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	28.2	28.3	26.8	29.6	34.4	40.7	40.3	43.3	42.4
Std. Dev.	2.5	2.5	2.8	2.0	1.2	2.7	1.2	2.3	2.2

QB3HYG®	NRR 23			Canada B (L)		Under-the-Chin			
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	26.9	26.0	24.1	26.0	34.4	40.7	40.3	43.3	42.4
Std. Dev.	1.8	2.2	2.4	2.1	1.7	1.5	2.3	2.1	1.7

PerCap®	NRR 21			Canada B(L)		Under-the-Chin			
Frequency/HZ	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	28.3	25.7	24.3	25.6	34.2	39.0	40.0	43.8	42.1
Std. Dev.	5.2	4.1	3.0	3.5	2.6	2.1	2.5	3.5	3.0

	NRR 20			Canada B(L)		Over-the-Head			
Mean Attn.	24.9	22.3	21.1	23.9	32.5	37.4	37.9	40.8	42.1
Std. Dev.	3.9	3.1	2.6	2.5	2.4	3.2	3.6	3.8	2.8

	NRR 20			Canada B(L)		Behind-the-Head			
Mean Attn.	24.9	23.8	22.4	25.1	32.3	37.6	38.4	42.1	41.2
Std. Dev.	3.7	3.6	3.3	2.6	2.8	3.7	4.6	4.0	3.6

Single-Use Earplugs

Matrix™

SKU	Description	Packaging
MTX-1-OR	Matrix – Orange/High	Uncorded, Individual Polybag
MTX-1-GR	Matrix – Green/Medium	Uncorded, Individual Polybag
MTX-1-BU	Matrix – Blue/Low	Uncorded, Individual Polybag
MTX-30-OR	Matrix – Orange/High	Polycord, Individual Polybag
MTX-30-GR	Matrix – Green/Medium	Polycord, Individual Polybag
MTX-30-BU	Matrix – Blue/Low	Polycord, Individual Polybag
MTX-1-OR-D	Matrix – Orange/High	Uncorded, LS-500 Dispenser Refill
MTX-1-GR-D	Matrix – Green/Medium	Uncorded, LS-500 Dispenser Refill
MTX-1-BU-D	Matrix – Blue/Low	Uncorded, LS-500 Dispenser Refill
MTX-OR-LS4	Matrix - Orange/High	Uncorded, LS-400 Dispenser Refill
MTX-GR-LS4	Matrix - Green/Medium	Uncorded, LS-400 Dispenser Refill
MTX-BU-LS4	Matrix - Blue/Low	Uncorded, LS-400 Dispenser Refill

Max®

SKU	Description	Packaging
MAX-1	Max	Uncorded, Individual Polybag
MAX-1-PB	Max	Uncorded, Paper Bag
MAX1-USA	Max USA	Uncorded, Polybag
MAX-30	Max	Polycord, Individual Polybag
MAX-30-PB	Max	Polycord, Paper Bag
MAX30-USA	Max USA	Polycord, Polybag
MAX-5	Max	Uncorded, 5 PR Polybag
MAX-1-D	Max	Uncorded, LS-500 Dispenser Refill
MAX-LS4	Max	Uncorded, LS-400 Dispenser Refill

Max Lite®

SKU	Description	Packaging
LPF-1	Max Lite	Uncorded, Individual Polybag
LPF-1-PB	Max Lite	Uncorded, Paper Bag
LPF-30	Max Lite	Polycord, Individual Polybag
LPF-30-PB	Max Lite	Polycord, Paper Bag
LPF-30-P	Max Lite	Cotton Cord, Paper Bag
LPF-1-D	Max Lite	Uncorded, LS-500 Dispenser Refill
LPF-LS4	Max Lite	Uncorded, LS-400 Dispenser Refill

Laser Lite®

SKU	Description	Packaging
LL-1	Laser Lite	Uncorded, Individual Polybag
LL-1-PB	Laser Lite	Uncorded, Paper Bag
LL-30	Laser Lite	Polycord, Individual Polybag
LL-30-PB	Laser Lite	Polycord, Paper Bag
LL-1-D	Laser Lite	Uncorded, LS-500 Dispenser Refill
LL-LS4	Laser Lite	Uncorded, LS-400 Dispenser Refill

MultiMax®

SKU	Description	Packaging
MM-1	MultiMax	Uncorded, Individual Polybag
MM-1-PB	MultiMax	Uncorded, Paper Bag
MM-1-D	MultiMax	Uncorded, LS-500 Dispenser Refill
MM-LS4	MultiMax	Uncorded, LS-400 Dispenser Refill

Dispensers

SKU	Description	Packaging
LS-400	Leight® Source 400 Dispenser	1 Unit/Case
LS-500	Leight® Source 500 Dispenser	1 Unit/Case

Multiple-Use Earplugs

SmartFit®

SKU	Description	Packaging
SMF-30	SmartFit	Detachable Cord, HearPack®
SMF-30W-P	SmartFit Process Industry	Attached Cotton Cord, Paper Bag

Fusion®

SKU	Description	Packaging
FUS30	Fusion – regular	Detachable Cord, Flip-Top Box
FUS30S	Fusion – small	Detachable Cord, Flip-Top Box
FUS30-HP	Fusion – regular	Detachable Cord, HearPack®
FUS30S-HP	Fusion – small	Detachable Cord, HearPack®

AirSoft®

SKU	Description	Packaging
DPAS-1	AirSoft	Uncorded, Flip-Top Box
DPAS-30R	AirSoft	Red Polycord, Flip-Top Box
DPAS-30W	AirSoft	White Nylon Cord, Flip-Top Box
AS-1	AirSoft	Uncorded, Safety Impact Case
AS-30R	AirSoft	Red Polycord, Safety Impact Case
AS-30W	AirSoft	White Nylon Cord, Safety Impact Case

Quiet®

SKU	Description	Packaging
QD1-SM	Quiet – small	Uncorded, Flip-Top Box
QD1	Quiet	Uncorded, Flip-Top Box
QD1-LG	Quiet – large	Uncorded, Flip-Top Box
QD1-NAT	Quiet – natural	Uncorded, Flip-Top Box
QD1-PK	Quiet	Uncorded, Pillow Pack
QD1-RC-SM	Quiet – small	Uncorded, Safety Impact Case
QD1-RC	Quiet	Uncorded, Safety Impact Case
QD1-RC-LG	Quiet – large	Uncorded, Safety Impact Case
QD30-SM	Quiet – small	Polycord, Flip-Top Box
QD30	Quiet	Polycord, Flip-Top Box
QD30-LG	Quiet – large	Polycord, Flip-Top Box
QD30-PK	Quiet	Polycord, Pillow Pack
QD30-RC-SM	Quiet – small	Polycord, Safety Impact Case
QD30-RC	Quiet	Polycord, Safety Impact Case
QD30-RC-LG	Quiet – large	Polycord, Safety Impact Case
QD-1-DS	Quiet	Uncorded, LS-500 Dispenser Refill

Sound Management Earmuffs

Clarity® C1	NRR 20			Canada B					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	16.6	23.9	28.7	23.2	28.4	33.7	33.2	33.9	37.1
Std. Dev.	1.9	3.0	2.5	1.9	3.5	2.8	3.0	2.5	3.2

Clarity® C2	NRR 23			Canada B			Over-the-Head		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	18.2	25.1	29.0	29.7	29.4	30.7	30.6	30.7	31.9
Std. Dev.	2.7	3.0	2.6	2.1	2.0	2.5	2.2	2.7	2.2

	NRR 22			Canada B			Behind-the-Head		
Mean Attn.	17.0	25.2	30.0	28.3	29.3	31.1	30.7	30.3	31.3
Std. Dev.	2.9	3.0	2.4	2.2	2.3	2.7	2.6	3.0	2.7

	NRR 22			Canada B			Under-the-Chin		
Mean Attn.	18.6	25	30.1	28.8	28.6	31.0	30.8	30.4	31.3
Std. Dev.	2.4	2.6	2.9	2.1	2.7	2.5	3.2	2.4	2.0

Clarity® C3	NRR 27			Canada B (L)					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	26.5	31.2	36.0	31.7	31.4	33.6	36.4	37.3	37.6
Std. Dev.	3.1	3.2	2.1	1.7	2.2	2.0	1.6	2.7	2.6

Clarity® C1H	NRR 20			Canada B					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	19.2	22.6	27.0	22.0	28.1	33.7	32.2	33.6	35.0
Std. Dev.	2.9	2.8	2.5	1.7	2.2	3.2	3.0	2.5	2.3

Clarity® C3H	NRR 25			Canada B(L)					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	26.5	30.0	34.0	29.8	29.4	33.6	37.4	36.6	38.1
Std. Dev.	2.7	3.0	2.9	1.9	2.1	2.7	2.9	2.7	2.2

Clarity® C1F	NRR 20			Canada B					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	19.5	23.3	27.8	24.2	27.6	32.0	32.9	31.5	30.1
Std. Dev.	4.0	2.8	2.9	2.2	2.7	2.9	2.9	3.2	3.4

Impact™	NRR 23			Canada B					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	13.6	19.3	29.4	30.1	32.4	37.3	40.8	43.9	45.6
Std. Dev.	2.4	2.3	1.9	2.1	2.8	2.6	2.4	2.7	2.2

Impact™ H	NRR 21			Canada B					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	14.2	19.2	29.7	26.9	28.8	35.4	41.0	43.8	44.9
Std. Dev.	3.5	2.9	2.1	3.1	2.3	2.5	2.3	2.4	2.3

Radio Earmuffs

Electo®	NRR 23			Canada B					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	13.6	19.3	29.4	30.1	32.4	37.3	40.8	43.9	45.6
Std. Dev.	2.4	2.3	1.9	2.1	2.8	2.6	2.4	2.7	2.2

Electo® H	NRR 21			Canada B					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	14.2	19.2	29.7	26.9	28.8	35.4	41.0	43.8	44.9
Std. Dev.	3.5	2.9	2.1	3.1	2.3	2.5	2.3	2.4	2.3

Radio	NRR 23			Canada B					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	13.6	19.3	29.4	30.1	32.4	37.3	40.8	43.9	45.6
Std. Dev.	2.4	2.3	1.9	2.1	2.8	2.6	2.4	2.7	2.2

Howard Leight® Legacy Earmuffs

QM24+®	NRR 25			Canada B					
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	12.9	20.1	25.8	34.3	37.4	41.9	38.9	37.8	40.3
Std. Dev.	1.3	1.5	2.2	1.8	2.0	1.9	1.7	2.4	1.4

For questions or more information, please contact your Bacou-Dalloz sales representative or Customer Service at 800.430.5490.



Founded in Sweden in 1968, Bilsom leads the industry in developing innovative sound management technologies and products that are used in some of the most challenging environments in the world. Bilsom is a part of the Bacou-Dalloz Hearing Safety Group. Combining the innovation and expertise of Bilsom® Earmuffs and Howard Leight® Earplugs, the Bacou-Dalloz Hearing Safety Group is a world leader in hearing safety. Visit us at www.hearingportal.com or call 800.430.5490.

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