

## WHAT'S NEW IN



by Honeywell

- 137 • Single-Use Earplugs
- 139 • Multiple-Use Earplugs
- 141 • Detectable & Banded Earplugs
- 143 • Earplug Dispenser
- 144 • Vending Packs
- 145 • Noise-Blocking Earmuffs
- 148 • Sound Management Earmuffs
- 149 • Stereo Earmuff
- 150 • Radio and Stereo Earmuffs
- 152 • Earmuff Accessories
- 154 • Hearing Conservation
- 156 • Reference: Attenuation Charts
- 159 • Full Line SKU Listing



Two of our latest innovations: Sync Digital AM/FM radio earmuffs and MAX<sup>®</sup> Small single-use earplugs.



## Your employees deserve the best hearing protection, period.

From technical innovations to educational initiatives to field verification, we offer a suite of resources to make Hearing Conservation happen. The Howard Leight<sup>®</sup> brand is a global leader in passive and intelligent hearing protection solutions, and the founder of the HearForever<sup>®</sup> Hearing Conservation initiative. For more than 30 years, we have pursued the prevention of occupational hearing loss through innovation in hearing protection design, technology, performance, comfort, and the promotion of progressive Hearing Conservation programs.

For more information visit [www.howardleight.com](http://www.howardleight.com)

**▲ WARNING!** Howard Leight<sup>®</sup> equipment should only be used in conjunction with the manufacturer's instructions. Failure to follow such instructions could result in serious injury including diminution or loss of hearing.

**SINGLE-USE EARPLUGS**

Under the Howard Leight® brand, we offer a comprehensive selection of Single-Use Earplugs that includes the comfort features your employees deserve in a range of attenuation ratings.

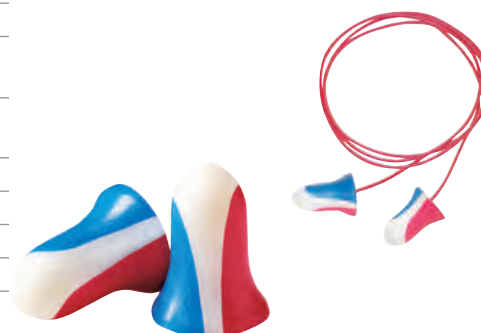
**Single-Use doesn't mean single choice**

**MAX®**

Superior noise-blocking performance in a single-use earplug.

- The world's most-used polyurethane foam earplug
- Contoured bell-shape is easier to insert, resists tendency to back-out of ear canal
- Polyurethane foam enhances comfort, especially for long-term wear
- Smooth, soil-resistant closed-cell foam skin prevents dirt build-up
- MAX USA in patriotic red/white/blue colors

Item #	Cording	Packaging	NRR	Canada Class
MAX-1	Uncorded	Polybag	33	A (L)
MAX-5	Uncorded	5PR Resealable Bag	33	A (L)
MAX-LS4	Uncorded	Refill Bag for Leight Source 400	33	A (L)
MAX-1-D	Uncorded	Refill Box for Leight® Source 500	33	A (L)
MAX-30	Corded	Polybag	33	A (L)
MAX-30-PB	Corded Paper	Bag	33	A (L)
MAX-5-30	Corded	5PR Resealable Bag	33	A(L)
MAX1-USA	USA Uncorded	Polybag	33	A (L)
MAX-1-D-USA	USA Uncorded	Refill box for Leight® Source 500	33	A (L)
MAX-30-USA	USA Corded	Polybag	33	A (L)



**MAX® Small**

MAXimum protection. Minimum exposure.

- 20% smaller version of flagship Howard Leight MAX earplug, ideal for workers with smaller ear canals
- Bell shape delivers maximum in-ear comfort
- Contoured design easier to insert, resists tendency to back-out of ear canal
- Polyurethane foam enhances comfort, especially for long-term wear
- Smooth, soil-resistant closed-cell foam skin prevents dirt build-up

Item #	Cording	Packaging	NRR	Canada Class
MAX-1S	Uncorded	Polybag	30	A (L)
MAX-30S	Corded	Polybag	30	A (L)
MAX-1S-D	Uncorded	Refill Box for Leight Source 500	30	A (L)



Call Customer Care at 800 430-5490.

## SINGLE-USE EARPLUGS



### Max Lite®

Low pressure foam for comfort.

- Low pressure polyurethane foam expands gently for comfortable long-term wear
- Ideal size for workers with smaller ear canals
- Contoured T-shape for easy handling and wear
- Smooth, soil-resistant closed-cell foam skin prevents dirt build-up

Item #	Cording	Packaging	NRR	Canada Class
LPF-1	Uncorded	Polybag	30	A (L)
LPF-5	Uncorded	5PR Resealable Bag	30	A(L)
LPF-1-PB	Uncorded	Paper Bag	30	A (L)
LPF-LS4	Uncorded	Refill Bag for Leight Source 400	30	A (L)
LPF-1-D	Uncorded	Refill for Leight® Source 500	30	A (L)
LPF-30	Corded	Polybag	30	A (L)
LPF-5-30	Corded	Resealable Bag	30	A(L)
LPF-30-PB	Corded	Polybag	30	A (L)
LPF-30-P	Cotton Cord	Paper Bag	30	A (L)

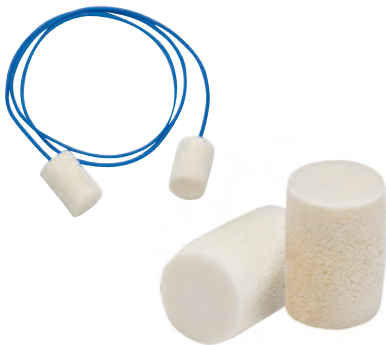


### Laser Lite®

High visibility protection.

- Vibrant colors make protection visible
- Self-adjusting foam expands to fit virtually every wearer
- Contoured T-shape for easy insertion and wear
- Smooth, soil-resistant closed-cell foam skin prevents dirt build-up

Item #	Cording	Packaging	NRR	Canada Class
LL-1	Uncorded	Polybag	32	A (L)
LL-5	Uncorded	5PR Resealable Bag	32	A(L)
LL-1-PB	Uncorded	Paper Bag	32	A (L)
LL-LS4	Uncorded	Refill Bag for Leight Source 400	32	A (L)
LL-1-D	Uncorded	Refill for Leight® Source 500	32	A (L)
LL-30	Corded	Polybag	32	A (L)
LL-5-30	Corded	5PR Resealable Bag	32	A(L)
LL-30-PB	Corded	Paper Bag	32	A (L)



### DeciDamp2™

Economical choice for basic protection.

- Familiar barrel shape offers ease of use
- PVC foam rolls easily between fingers and provides for easy insertion into ear canals
- One size fits most ear canals

Item #	Cording	Packaging	NRR	Canada Class
280005	Uncorded	Polybag	29	A (L)
280006	Corded	Polybag	29	A (L)



 Call Customer Care at 800 430-5490.  Call Customer Care at 800 430-4110.

**MULTIPLE-USE EARPLUGS**

Multiple-use earplugs can be easily cleaned with soap and water. Ideal for environments where workers can retain and store earplugs for reuse.

**Multiple-Use Earplugs last for weeks, reduce waste, and save money.**

**SmartFit®** 

Revolution in personalized fit.

- Patented Conforming Material Technology™ 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
- Detachable cord system and HearPack® storage case

Item #	Cording	Packaging	NRR	Canada Class
SMF-30	Detachable Cord	HearPack®	25	A (L)
SMF-1	Uncorded	HearPack	25	A(L)
SMF-30W-P	Attached Cotton Cord	Paper Bag	25	A (L)



**Fusion®** 

All-day comfort and easy handling.

- Patented dual-material design
- FlexiFirm® stem is easy to grasp, ensuring easy insertion into the ear canal
- SoftFlange™ creates comfortable seal in the ear canal for superior comfort and protection
- Unique detachable nylon cord system adapts to virtually any application
- Two sizes fine-tune fit for personal comfort and safety (green/small, blue/regular)

Item #	Cording	Packaging	NRR	Canada Class
FUS30-HP	Regular/Corded	HearPack	27	A (L)
FUS30S-HP	Small/Corded	HearPack	27	A (L)



**AirSoft®** 

Optimized for comfort.

- Advanced air pocket design features internal noise-blocking fins
- Four-flange profile creates better seal in the ear canal
- Less pressure in the ear canal eliminates that “plugged up” feeling
- Rounded flanges, tapered shape fits better in the ear canal
- Firm stem facilitates easy insertion and removal
- Outstanding noise-blocking protection – highest attenuation in multiple-use

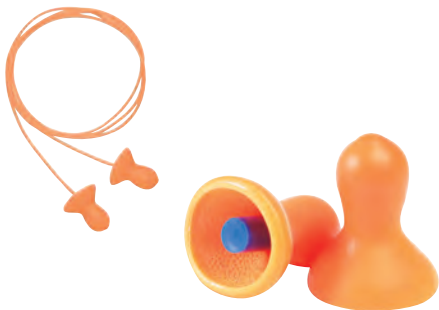
Item #	Cording	Packaging	NRR	Canada Class
DPAS-1	Uncorded	Polybag	27	A (L)
DPAS-30R	Red Polycord	Polybag	27	A (L)
DPAS-30W	White Nylon Cord	Polybag	27	A (L)
AS-1	Uncorded	Reusable Case	27	A (L)
AS-30R	Red Polycord	Reusable Case	27	A (L)
AS-30W	White Nylon Cord	Reusable Case	27	A (L)



by Honeywell

 Call Customer Care at 800 430-5490.

## MULTIPLE-USE EARPLUGS



### Quiet®

Easy handling, better fit.

- Patented “no-roll” design is easy to handle and fit
- Contoured shape comfortably matches contours of the ear canal
- Smooth, non-irritating skin provides all-day comfort, easy to clean for long-term use
- Built-in insertion stem makes insertion quick and easy

Item #	Cording	Packaging	NRR	Canada Class
QD1	Uncorded	Polybag	26	A (L)
QD1-RC	Uncorded Reusable	Case	26	A (L)
QD-5	Uncorded	5PR Resealable Bag	26	A(L)
QD-1-DS	Uncorded	Refill Box for Leight Source 500	26	A (L)
QD30	Corded	Polybag	26	A (L)
QD30-RC	Corded	Reusable Case	26	A (L)
QD30	Corded	Polybag	26	A (L)
QD-5-30	Corded	5PR Resealable Bag	26	A (L)



### PILOT™

No roll foam.

- Combines the performance of Quiet® with the superior comfort of Max® in a hybrid, push-in style earplug
- Delivers long-wearing comfort and total control over your fit
- Inserts easily into your ear with a simple fingertip twist of the Navigation Stem for a quick, snug and comfortable fit
- Soft, pearl-skinned Howard Leight® polyurethane foam is resilient and easy to clean, delivering reliable, long-wearing performance
- NRR 26 provides ideal, consistent hearing protection in more noise environments and for more workers
- Can be used for up to several working days/shifts without impacting its overall performance

Item #	Cording	Packaging	NRR	Canada Class
PLT-1	Uncorded	Polybag	26	A (L)
PLT-30	Corded	Polybag	26	A (L)



by Honeywell

 Call Customer Care at 800 430-5490.

**DETECTABLE EARPLUGS**

Available in Single-Use and Multiple-Use styles. Our Detectable Earplugs are specially created for environments where contamination from foreign objects is unacceptable, such as food and beverage manufacturing, pulp and paper, and other process industries.

**Our comprehensive selection of Detectable Earplugs is designed for high visibility and detectability.**

**Laser Trak®**

High visual and metal detectability.

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

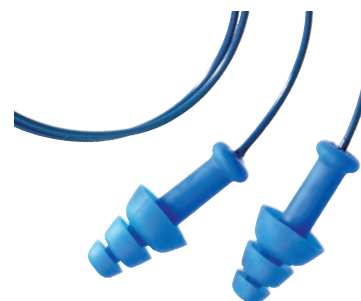


Item #	Cording	Packaging	NRR	Canada Class
LT-30	Corded	Polybag	32	A (L)
LT-30-5	Corded	5PR Resealable Bag	32	A(L)

**SmartFit® Detectable**

All day comfort, easy handling, and detectability.

- Conforming Material Technology™ adapts to the shape of the surrounding ear canal when in your ear
- 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



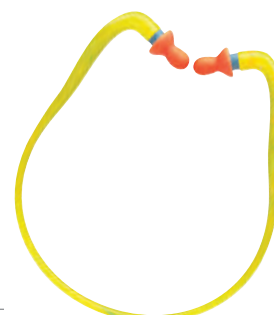
Item #	Cording	Packaging	NRR	Canada Class
SDT-30	SmartFit Detectable/Attached Polycord	Polybag	25	A (L)
SMF-30BU	SmartFitBlue/Nylon Cord	Polybag	25	A (L)

**BANDED EARPLUGS**

**QB1® HYG**

Inner-aural protection.

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



Item #	Description	Packaging	NRR	Canada Class
QB1HYG	Inner-Aural Band	Resealable Bag	27	B (L)
QB100HYG	Replacement Pods	Polybag		



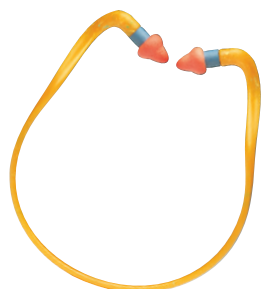
by Honeywell

Call Customer Care at 800 430-5490.

## BANDED EARPLUGS

**Howard Leight® Banded Earplugs offer a variety of performance features.**

Our patented band design prevents ear pods from touching dirty or contaminated surfaces when set down. Ideal for managers or for use in environments with intermittent noise hazards.



### QB2HYG®

#### Supra-aural protection.

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

Item #	Description	Packaging	NRR	Canada Class
QB2HYG	Supra-Aural Band	Resealable Bag	25	B (L)
QB200HYG	Replacement Pods	Polybag		



### QB3HYG®

#### Semi-aural protection.

- Soft pods rest outside the ear canal opening for a balance of comfort and protection
- Patented band design prevents pods from touching dirty or contaminated surfaces
- Lightweight and portable – designed especially for environments with intermittent noise hazards
- Includes pair of replacement pods
- Ideal for vending programs

Item #	Description	Packaging	NRR	Canada Class
QB3HYG	Semi-Aural Band	Resealable Bag	23	B (L)
QB300HYG	Replacement Pods	Polybag		



### PerCap®

#### Folding semi-aural protection.

- Semi-aural protection, super soft pods rest outside the ear canal opening
- Multiple position wear — over the head, under the chin or behind the neck – provides flexibility in wear
- Compact, folding design easy to store in pocket



Item #	Description	Packaging	NRR	Canada Class
PERCAP	Folding Band	Resealable Bag	21	B (L)
PCAP100	Replacement Pods	Polybag	–	–



by Honeywell

Call Customer Care at 800 430-5490.

**EARPLUG DISPENSER**

For large and small operations, dispensers offer an economical, hygienic, and user-friendly source for earplugs.

**Save time, space and waste with earplug dispensers.**

**Leight® Source 400**

Hygienic and economical source for earplugs.

- Durable plastic design is 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
- Holds 400 pairs of Howard Leight® Single-Use earplugs: MAX®, Max Lite®, Laser Lite® and Multi Max®
- Ideal for small sized operations.

Item #	Description	Packaging
LS-400	Leight Source 400	Box
MAX-LS4	MAX LS400 Refill	200pr bags
LL-LS4	Laser Lite LS400 Refill	200pr bags
LPF-LS4	Max Lite LS400 Refill	200pr bags



**Leight® Source 500**

Hygienic and economical source for earplugs.

- Heavy-duty anodized aluminum withstands constant use
- Mount on wall for easy access
- Crank handle to dispense earplugs
- Ideal for large factories and process industries
- Holds 500 pairs of Howard Leight® earplugs: MAX®, Max Lite®, Laser Lite®, Multi Max®, and Quiet®

Item #	Description	Packaging
LS-500	Leight Source 500	Box
MAX-1-D	Max LS500 refill	500pr box
MAX-1-SD	Max Small LS500 refill	500pr box
LL-1-D	Laser Lite LS500 refill	500 pr box
LPF-1-D	Max Lite LS500 refill	500 pr box



by Honeywell

Call Customer Care at 800 430-5490.



## VENDING PACKS



### Vending Packs

Improved accessibility.

- 5-pair packs of earplugs provide workers with a full week of hearing protection, ideal for those who work off-site or frequently change out their earplugs
- Works with a wide range of vending machine solutions or distribute to workers as hearing protection
- Earplugs packaged in resealable bag for convenient storage
- Available in corded and uncorded models
- Each pack includes fitting instructions in English, French, and Spanish.

Item #	Description	Packaging	NRR	Canada Class
MAX-5	MAX® –Uncorded	Resealable Bag	33	A(L)
MAX-5-30	MAX – Corded	Resealable Bag	33	A(L)
LPF-5	Max Lite® – Uncorded	Resealable Bag	30	A(L)
LPF-5-30	Max Lite – Corded	Resealable Bag	30	A(L)
LL-5	Laser Lite® – Uncorded	Resealable Bag	32	A(L)
LL-5-30	Laser Lite – Corded	Resealable Bag	32	A(L)
QD-5	Quiet® – Uncorded	Resealable Bag	26	A(L)
QD-5-30	Quiet – Corded	Resealable Bag	26	A(L)
LT-30-5	Laser Trak® – Corded	Resealable Bag	32	A(L)
QB2HYG	QB2HYG® Banded	Resealable Bag	25	A(L)
1010924	Leightning® L3 Earmuff	Box	30	A(L)
1010970	Thunder® T3 Earmuff	Box	30	A(L)



 Call Customer Care at 800 430-5490.

**NOISE-BLOCKING EARMUFFS**

From maximum attenuation to maximum value, we set the standard for noise blocking and hearing protection. Our Lightning®, Thunder®, Viking® and QM24+ series earmuffs provide a choice of features and protection ideal for many workers and environments.

**When you need to block noise, Howard Leight® earmuffs give you the tools to do the job right.**

**Leightning®**

**Maximum protection and contemporary design.**

- Robust steel construction withstands demanding use, especially in tough environments
- Features patented Air Flow Control™ technology for optimal attenuation
- Snap-in ear cushions make replacement quick and easy
- Multiple attenuation levels allow for targeted attenuation for a variety of applications

**Headband – L1, L3**

- Padded foam headband delivers superb comfort with minimal pressure on the head
- Telescopic height adjustment remains fixed during use

**Cap-Mounted – L1H, L3H**

- For use with a wide range of hard hats
- Earcups snap in place during use and swing back when not in use
- Includes SKU #13910039 Hard Hat Adapter for AO Safety, Bullard, Jackson, MSA, North (Adapter 3718)

**Neckband – L0N, L1N, L3N**

- Sleek, anatomical behind-the-neck design for use with face shields, visors, hard hats and other PPE
- Includes attached elastic headband strap for better positioning

**Folding – L0F**

- Convenient folding design for easy storage
- Folding Earmuff Belt Case also available

**Ultraslim – L0N, L0F**

- Ultraslim, lightweight earcups – ideal for lower noise levels
- L0N can be worn with welding shields, hard hats and other PPE
- L0F folds to less than 4" wide



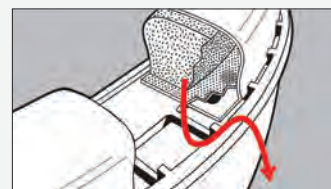
Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1013461	Leightning L0F	Folding	23	B	1011998
1013460	Leightning L0N	Neckband	22	B	1011998
1010922	Leightning L1	Headband	25	B	1011998
1011991	Leightning L1H	Cap-Mounted	23	B (L)	1011998
1011994	Leightning L1N	Neckband	25	B	1011998
1010924	Leightning L3	Headband	30	A (L)	1012000
1011993	Leightning L3H	Cap-Mounted	27	A (L)	1012000
1011996	Leightning L3N	Neckband	28	A (L)	1012000

*Packaging: Individual box*

Our patented Air Flow Control technology™ delivers optimal attenuation across all frequencies, without increasing earcup size or weight. A patented baseplate chamber and high-tech non-woven layer manage the flow of air inside the earmuff to control how sound reaches the ear.

The result is better, more consistent overall attenuation for virtually all industrial noise environments. Air Flow Control is a standard feature on all Leightning®, Thunder®, and Viking® series earmuffs.

**Air Flow Control™ Technology**



Call Customer Care at 800 430-5490.

## NOISE-BLOCKING EARMUFFS



### Leightning® Hi-Visibility

Maximum protection and contemporary design.

- Bright green earcups provide high visibility and contrast
- Exclusive reflective headband illuminates under light for increased visibility and safety
- Ideal to wear at night, during the day, in low light and under inclement weather conditions
- Features patented Air Flow Control™ technology for optimal attenuation
- Robust steel construction withstands demanding use, especially in tough environments
- Snap-in ear cushions make replacement quick and easy

#### Headband — L3HV

- Padded foam headband delivers superb comfort with minimal pressure on the head
- Telescopic height adjustment remains fixed during use

#### Folding — L2FHV

- Convenient folding design for easy storage
- Folding Earmuff Belt Case also available

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1013942	Leightning L2FHV Hi-Vis	Folding	27	B (L)	1011999
1013941	Leightning L3HV Hi-Vis	Headband	30	A (L)	1012000

Packaging: Individual box



### Thunder®

Top-of-the-line protection and comfort.

- Dielectric construction suitable for all workplaces, especially electrical environments
- Features patented Air Flow Control™ technology for optimal attenuation
- Quick-Click height adjustment remains fixed during wear
- Snap-in ear cushions make replacement quick and easy

#### Headband — T1, T2, T3

- Uniform headband pressure for all head sizes, providing better comfort for long-term wear
- Inner-ventilated headband minimizes pressure on the head, breathes easier in warm/humid climates (T2 and T3 only)
- Non-deforming outer headband withstands rough treatment

#### Cap-Mounted — T1H, T2H, T3H

- For use with a wide range of hard hats
- Earcups snap in place during use and swing back when not in use
- Includes SKU #13910039 Hard Hat Adapter for AO Safety, Bullard, Jackson, MSA, North (Adapter 3718)

#### Folding — T1F

- Convenient folding design for easy storage
- Folding Earmuff Belt Case also available



Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1010928	Thunder T1	Headband	26	A	1010974
1011600	Thunder T1F	Folding	25	A	1010974
1011601	Thunder T1H	Cap-Mounted	23	A	1010974
1010929	Thunder T2	Headband	28	A (L)	1010975
1011602	Thunder T2H	Cap-Mounted	25	A (L)	1010975
1010970	Thunder T3	Headband	30	A (L)	1010976
1011603	Thunder T3H	Cap-Mounted	27	A (L)	1010976

Packaging: Individual box



by Honeywell

Call Customer Care at 800 430-5490.

**NOISE-BLOCKING EARMUFFS**

**Viking®**

**Multiple-position headband for alternative use.**

- Multiple-position headband allows wearer to select position over-the-head, behind-the-head or under-the-chin
- Alternative to cap-mounted earmuffs – wear with hard hats, face shields, respirators and other PPE
- Dielectric construction suitable for electrical environments
- Inner-ventilated headband minimizes pressure on the head, breathes easier in warm/humid climates
- Features patented Air Flow Control™ technology for optimal attenuation
- Non-deforming outer headband withstands rough treatment in the toughest workplaces
- Snap-in ear cushions make replacement quick and easy
- Includes attached elastic headband strap for better positioning when worn behind-the-head or under-the-chin



Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1010925	Viking V1	Multiple-Position	25	B	1011998
1010927	Viking V3	Multiple-Position	29	A (L)	1012000

Packaging: Individual box

**Cap-Mounted Earmuffs**

**Designed to work with North hard hats.**

- Passive earmuffs specifically designed for use with all North® brand hard hats, helmets, and faceshields
- EM7209 specifically designed for use with wide and full-brim hard hats
- Dielectric options suitable for electrical environments

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
EM2177	Dielectric Cap-Mounted Earmuff (red)	Helmet	22	A	HK200
EM4157	Dielectric Cap-Mounted Earmuff (blue)	Helmet	20	B	HK100
EM7206	Metal Cap-Mounted Earmuff	Helmet	27	A	HK400
EM7209	Wide/Full-Brim Cap-Mounted Earmuff	Helmet	24	B	HK400

Packaging: Individual box



by Honeywell

Call Customer Care at 800 430-5490.

## NOISE-BLOCKING EARMUFFS



### QM24+®

**Economical protection.**

- Ultra lightweight design
- Multiple-position headband allows wearer to select position over-the-head, behind-the-head or under-the-chin
- Alternative to cap-mounted earmuffs – wear with hard hats, face shields, respirators and other PPE
- Dielectric construction suitable for electrical environments

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
QM24+	QM24+	Multiple-Position	25	B	HK4

*Packaging: Polybag with header card*

## SOUND MANAGEMENT EARMUFFS

**Avoid overprotecting your employees by selecting hearing protectors with the right amount of attenuation for their workplace, especially in marginal noise environments.**

Protectors with the highest attenuation may not be the most appropriate solution in low level noise. Also, consider workers' communication requirements. In some environments, they need to communicate or hear signals and alarms while remaining protected from harmful noise.



### Clarity

**Sound management technology enhances communication.**

- Uniform attenuation allows wearer to hear co-workers, instructions, and other important sounds more naturally while blocking out harmful noise
- Dielectric construction suitable for all workplaces, especially electrical environments
- Quick-Click height adjustment remains fixed during wear
- Snap-in ear cushions make replacement quick and easy

#### Headband – C1, C3

- Uniform headband pressure for all head sizes, providing better comfort for long-term wear
- Inner-ventilated headband minimizes pressure on the head, breathes easier in warm/humid climates
- Non-deforming outer headband withstands rough treatment in the toughest workplaces

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1011142	Clarity C1	Headband	20	B	1006080
1011146	Clarity C3	Headband	27	B (L)	1006081

*Packaging: Individual box*



by Honeywell

Call Customer Care at 800 430-5490.

**STEREO EARMUFF**

**Impact®**

Electronic sound amplification.

- Amplifies ambient sound to safe 82 dB – response technology reverts to passive hearing protector when noise reaches 82 dB
- Sound amplification allows wearers to hear important communication – alarms/warning signals, co-workers’ voices
- Directionally placed stereo microphones amplify and enhance sound for more natural hearing
- Inner-ventilated headband minimizes pressure on the head, breathes easier in warm/humid climates
- Non-deforming outer headband withstands rough treatment in the toughest workplaces
- Quick-Click height adjustment remains fixed during wear
- Snap-in ear cushions make replacement quick
- Includes 2 AA batteries for 140 hours of use
- Features 3.5mm audio jack and cable for connection to personal listening devices



**Cap-Mounted – Impact H**

- For use with a wide range of hard hats
- Earcups snap in place during use and swing back when not in use
- Includes SKU #13910039 Hard Hat Adapter for AO Safety, Bullard, Jackson, MSA, North (Adapter 3718)



Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1010376	Impact	Headband	23	B	1008000
1010632	Impact H	Cap-Mounted	21	B	1008000

Packaging: Individual box

**Impact® Sport**

Electronic sound amplification.

- Amplifies ambient sound to safe 82 dB – response technology reverts to passive hearing protector when noise reaches 82 dB
- Sound amplification allows wearers to hear important communication, alarms/warning signals, co-workers’ voices
- Directionally placed stereo microphones amplify and enhance sound for more natural hearing
- Ultraslim, lightweight earcup design; low profile earcups with cut-out allow for full clearance of firearm stock, eliminating interference while shooting
- Contemporary leatherette headband, hunter green earcups
- Convenient folding design for easy storage
- Integrated power/volume knob
- AUX input allows connection to external MP3 players or other audio devices for additional listening off the field
- Snap-in ear cushions make replacement quick and easy
- Includes 2 AAA batteries
- **NEW!** Impact Sport MIL SKU is made with components of domestic and foreign origin, and is assembled in the United States.



Item #	Description	Style	NRR	Canada Class	Hygiene Kit
R-01526	Impact Sport	Folding	22	B (L)	1015280
R-01526-MIL	Impact Sport MIL	Folding	22	B(L)	1015280

Packaging: R-01526 – Blistercard / R-01526-MIL – Box



by Honeywell

Call Customer Care at 800 430-5490.

## RADIO & STEREO EARMUFFS

### Sync™ Family Earmuffs

Introducing the next generation of stereo, digital radio and sound amplification earmuffs to the Howard Leight family. The new Sync Stereo, Sync Digital AM/FM Radio, Sync Hi-Vis AM/FM Radio, and Sync Electro® combine hearing protection, high-fidelity sound, and the ability for individuals to listen to the radio or personal listening devices safely at work and at home. Studies show that workers who are allowed to wear hearing protectors that integrate personal listening devices and AM/FM radios are more productive and motivated on the job.

- Lightweight slim earcup design more comfortable to wear during the work day
- Features patented Air Flow Control™ technology for optimal attenuation across all frequencies without increasing earcup size or weight
- Snap-in ear cushions for easy maintenance and replacement
- Improved comfort and fit through its padded diamond-patterned headband and reinforced fork slides that keep it in place when worn
- Manages stereo and radio outputs to safer levels
- Technologically advanced acoustical bass chamber enhances bass sounds that are typically sacrificed in industrial stereo earmuffs
- Includes 3.5mm aux input cable



iPod not included

### Sync™ Stereo Earmuff

Play it. Safe.

- Use as passive hearing protector or as stereo earmuffs
- No volume knobs or power switches to coordinate nor batteries to replace
- Ease-of-use is enhanced by maintaining volume and power control through the external device
- Simply plug MP3 players and personal listening devices and listen
- Can be used with MP3 players, mobile phones and other personal listening devices, ideal for use at work or at home

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1030110	Sync Stereo	Headband	25	A	1030220

Packaging: Blistercard



by Honeywell

Call Customer Care at 800 430-5490.

**RADIO & STEREO EARMUFFS**

**Sync™ Digital AM/FM Radio**

Protection and improved performance.

- Digital AM/FM tuning with LCD display automatically searches for radio stations
- 10 pre-set stations and volume memory can be personalized for each worker
- Clean, crisp digital radio reception and high-fidelity stereo sound quality will keep workers in tune throughout their workday

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1030331	Sync Digital AM/FM Radio	Headband	25	A	1015280

Packaging: Individual box

**Sync™ Hi-Vis Digital AM/FM Radio**

Protection, visibility and improved productivity.

- Digital AM/FM tuning with LCD display automatically searches for radio stations
- 10 pre-set stations and volume memory can be personalized for each worker
- Clean, crisp digital radio reception and high-fidelity stereo sound quality will keep workers in tune throughout their workday
- Lightweight slim earcup design more comfortable to wear during the workday
- Bright green earcups provide high visibility and contrast
- Exclusive reflective headband illuminates under light for increased visibility and safety

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1030390	Sync Hi-Vis Digital AM/FM Radio	Headband	25	A	1015280

Packaging: Individual box

**Sync™ Electro®**

Situational awareness.

- Combines the entertainment benefit of our Digital FM Radio with advanced sound amplification technology for improved situational awareness
- Directionally placed stereo microphones amplify and enhance ambient sound up to 82 dB, allowing workers to hear important communication – alarms/warning signals, co-workers' voices – more effectively
- For ambient noise exposures over 82 dBA, Sync Electro's advanced response technology reverts to passive hearing protection, reducing further exposure to hazardous noise
- Digital FM tuning with LCD display automatically searches for radio stations
- 10 pre-set stations and volume memory can be personalized for each worker
- Clean, crisp digital radio reception and high-fidelity stereo sound quality will keep workers in tune throughout their workday
- Separate knobs adjust volume for radio and sound amplification

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1030333	Sync Electro	Headband	25	A	1015280
1030334	Sync Electro H	Helmet	24	A	1015280

Packaging: Individual box



by Honeywell

Call Customer Care at 800 430-5490.



## EARMUFF ACCESSORIES



### Polar Hood®

- Balaclava-style hood provides protection from cold climates while ensuring optimal earmuff attenuation
- Patented side panels help to eliminate gap between earcup and ear, reducing hazardous noise exposure
- Does not distort sound or earmuff attenuation
- Seal around face prevents further exposure to the elements
- Adjustable design includes front zipper for ventilation and foldaway visor
- Bright green trim enhances visibility and safety outdoors
- Compatible with all Howard Leight® earmuffs, fits under most hard hats
- Ideal for airport ground crews, construction workers, oil/gas/petrochemical workers, frozen food production and other workers who require hearing protection while exposed to cold weather conditions

Item #	Description	Packaging
1016870	Polar Hood – L/XL	Hang Card
1016871	Polar Hood – S/M	Hang Card



### Cool Pads

- Apply to ear cushions to improve overall comfort and hygiene of earmuff wear
- Keep ears warm in cold climates, absorb moisture in humid areas
- Made of dermatologically tested material
- Absorb 15 times their own weight in moisture
- Fit all Howard Leight® earmuffs

Item #	Description	Packaging
1000365	Cool Pads, box of 20	5 Pair Packs Envelope
1000364	Cool Pads	100 Pair Roll Dispenser Pack Box



### Slim Belt Clip

- Easy to attach to belt or pockets
- Convenient storage solution when the earmuff is not in use
- Low profile design and lightweight

Item #	Description	Packaging
1016730	Slim Belt Clip	Polybag

### Folding Earmuff Belt Case

- Loops slide onto any belt for easy access
- Velcro flap easy to open, especially with gloves, folds flat when not in use
- Durable nylon construction withstands abuse
- Fits Leightning® L2F, Leightning® Hi-Visibility L2FHV, Thunder® T1F, Clarity® C1F and Impact® Sport folding earmuffs

Item #	Description	Packaging
1000251	Folding Earmuff Belt Case	Polybag



 Call Customer Care at 800 430-5490.

**EARMUFF ACCESSORIES**

**Hygiene Kits**

- Includes one pair of replacement ear cushions and one pair of foam inserts
- Extends performance and lifetime of earmuff
- Recommended replacement every 6 months with general use, more frequently with heavy use
- Snap-in ear cushions are standard on all Howard Leight® earmuffs

Item #	Description
1006080	Hygiene Kit – Clarity C1
1010974	Hygiene Kit – Thunder® T1/T1H/T1F
1010975	Hygiene Kit – Thunder T2/T2H
1010976	Hygiene Kit – Thunder T3 /T3H
1011998	Hygiene Kit – Leightning® L1/L1H/L1N/L0N/L0F/L1HHV/Viking® V1
1011999	Hygiene Kit – Leightning L2FHV
1012000	Hygiene Kit – Leightning L3/L3H/L3N/L3HV/Viking V3
1030220	Hygiene Kit – Sync™ Stereo
1015280	Hygiene Kit – Impact Sport/Impact Sport MIL/Sync Radio/Sync Electro
HK100	Hygiene Kit – North EM4157
HK200	Hygiene Kit – North EM2177
HK400	Hygiene Kit – North EM7206 / EM7209

Packaging: Polybag



**Hard Hat Adapters**

- Easy to snap into slots or mount onto hard hats
- Durable plastic and metal styles to withstand the most demanding conditions
- Wide variety of adapters to fit nearly all available hard hats

Item #	Description
13910033	Hard Hat Adapter 3702 – Clip-On
13910034	Hard Hat Adapter 3710 – Dielectric Screw-On
13910035	Hard Hat Adapter 3711 – Centurion Adapter
13910036	Hard Hat Adapter 3712 – Balance, Bullard, LAS, MSA, Voss, Opus
13910037	Hard Hat Adapter 3713 – Norton, Bullard Adapter
13910038	Hard Hat Adapter 3714 – Protector, AO, JSP, Domeguard Adapter
13910039	Hard Hat Adapter 3718 – AO Safety, Bullard, Jackson, MSA, North Adapter

Packaging: Polybag



 Call Customer Care at 800 430-5490.

## HEARING CONSERVATION



For more information about VeriPRO, including technical articles and case studies, please visit: [www.howardleight.com/veripro](http://www.howardleight.com/veripro)

Want VeriPRO to be part of your Hearing Conservation Program? Call or visit us online: **1-877-837-4776**  
[www.howardleight.com/veripro](http://www.howardleight.com/veripro)

### VeriPRO®

#### Earplug Fit Testing.

VeriPRO uses software in a user-friendly format to determine the Personal Attenuation Rating (PAR) your employees are receiving from their earplugs.

- Measures the Personal Attenuation Rating (PAR) for each employee
- Works with any earplug, corded or uncorded, from any manufacturer
- Fulfills regulatory requirements to ensure proper initial fitting of hearing protection
- Creates accurate, easy-to-understand reports within minutes, including PAR, Safe Exposure Levels, and Protected Exposure Levels
- Documents training and proper fit for new or existing employees
- Fit training videos provide additional training opportunity
- Provides an ideal opportunity for one-on-one education

Item #	Description
VERIPRO	VeriPro Fit Testing Kit (includes headphones, audio processor, operating software, assortment of earplugs, replacement headphone cushions)

*Packaging: Hard plastic carry case*

## QUIETDOSE™



### QuietDose™

#### Know precisely. Protect personally.

The Howard Leight® QuietDose system provides the ultimate in accuracy for assessment of personal workplace noise risk.

QuietDose is the first noise level monitoring system that uses personal sound exposure monitoring (PSEM) to measure every sound that reaches the user's eardrum. Dramatically more precise than existing area or personal sampling devices currently in use, QuietDose data equips safety managers to:

- Determine whether workers are using their earplugs or earmuffs correctly
- Track and address the potential of noise-induced hearing loss (NIHL) in real time
- Potentially eliminate dual protection
- Provide workers more appropriate hearing protectors
- Streamline worker deployment by matching shift hours with proper protection more accurately

For more information on how QuietDose can be part of your Hearing Conservation Program, call or visit us online:

**1-877-837-4776 • [www.howardleight.com/quietdose](http://www.howardleight.com/quietdose)**

Call Customer Care at 800 430-5490.



Listen Up. HearForever.

## Listen Up

Hearforever.org is a source about the latest advances, research and discoveries relating to Noise Induced Hearing Loss (NIHL). The site also provides an extensive library of existing materials and interactive resources for anyone interested in learning more about the way NIHL can be reduced, and even eliminated.

## Take Action with Hearforever.org

If you are a safety professional, be sure your Hearing Conservation Program is complete and clearly communicated. Whatever your role, with [www.hearforever.org](http://www.hearforever.org) you can ensure that Hearing Conservation is seen as more than just one more rule to follow on the job.

- Make Hearing Conservation part of your everyday life
- Advocate for Hearing Conservation at work
- Join the HearForever community at [www.hearforever.org](http://www.hearforever.org)
  - Receive informational updates on regulatory information
  - Obtain access to case studies
  - Download PDFs of training tools
  - Learn about Hearing Conservation Seminars coming to your area

[www.hearforever.org](http://www.hearforever.org).



 Call Customer Care at 800 430-5490.

## REFERENCE: ATTENUATION CHARTS

*NRR testing in accordance with ANSI S.3.19-1974*

### Single-Use Earplugs

<b>MAX®</b>	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

<b>MAX® Small</b>	NRR 30				Canada A (L)				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	35.7	36.8	40.0	39.6	36.1	42.2	46.4	47.1	46.3
Std. Dev.	3.6	4.7	4.4	3.6	3.2	3.4	4.3	4.5	4.4

<b>Max Lite®</b>	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

<b>Laser Lite®</b>	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.	4.0	4.5	5.5	4.0	2.7	4.5	4.1	5.4	5.2

<b>Multi Max®</b>	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

<b>DeciDamp2™ Uncorded</b>	NRR 29				Canada A (L)				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	32.5	34.0	36.3	35.4	36.3	42.1	43.6	46.2	45.4
Std. Dev.	3.2	3.7	3.7	3.1	3.1	3.3	2.7	4.7	2.8

<b>DeciDamp2™ Corded</b>	NRR 29				Canada A (L)				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	31.7	33.1	36.3	35.7	35.4	41.4	42.3	44.6	44.8
Std. Dev.	3.6	3.7	3.7	2.8	3.1	3.8	3.6	3.1	3.3

### Multiple-Use Earplugs

<b>SmartFit®</b>	NRR 25				Canada A (L)				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	29.5	28.0	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

<b>Fusion®</b>	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

<b>Clarity®</b>	NRR 21				Canada A (L)				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	27.7	27.4	25.1	29.6	33.5	31.2	31.6	39.0	41.5
Std. Dev.	3.3	3.6	3.2	4.1	3.2	3.4	4.0	5.4	3.5

<b>AirSoft®</b>	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

<b>Quiet®</b>	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

<b>Pilot™</b>	NRR 26				Canada A (L)				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	32.3	33.0	33.4	32.4	35.1	41.9	42.2	47.0	45.1
Std. Dev.	5.0	4.3	4.0	3.3	3.6	4.2	4.5	4.1	3.9

### Detectable Earplugs

<b>Laser Trak®</b>	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	52.0
Std. Dev.	4.4	3.6	2.6	4.4	3.5	3.2	3.6	2.9	3.6

<b>SmartFit® Detectable</b>	NRR 25				Canada A (L)				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	29.5	28.0	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

<b>Fusion® Detectable</b>	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

### Banded Earplugs

<b>QB1® HYG</b>	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	2.0	2.7	3.2

<b>QB2 HYG®</b>	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



by Honeywell

Call Customer Care at 800 430-5490.

REFERENCE: ATTENUATION CHARTS

*NRR testing in accordance with ANSI S.3.19-1974*

<b>QB3 HYG®</b>	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

<b>PerCap®</b>	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

**Noise Blocking Earmuffs**

<b>Leightning® L1</b>	NRR 25				Canada B				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	19.7	23.8	29.0	31.3	32.1	37.8	39.2	39.5	39.5
Std. Dev.	2.6	2.9	2.6	2.5	2.4	3.1	2.0	2.3	2.4

<b>Leightning® L3/HV</b>	NRR 30				Canada A (L)				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	23.8	28.8	36.5	39.9	35.3	38.7	39.0	41.0	40.8
Std. Dev.	2.2	2.3	2.4	1.9	2.3	2.8	2.1	2.4	2.3

<b>Leightning® L1H</b>	NRR 23				Canada A (L)				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	20.0	22.4	26.9	29.6	32.1	36.4	37.4	40.2	39.6
Std. Dev.	2.9	3.4	2.8	2.2	2.8	3.3	2.9	3.7	4.9

<b>Leightning® L3H</b>	NRR 27				Canada A (L)				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	22.5	26.5	34.2	36.9	33.6	36.8	37.3	40.4	37.7
Std. Dev.	3.4	2.5	3.4	3.2	2.4	3.0	2.9	1.9	2.8

<b>Leightning® L0N</b>	NRR 22				Canada B				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	15.6	19.9	4.2	26.8	30.2	35.9	39.1	39.3	39.9
Std. Dev.	2.5	2.1	2.0	2.0	2.5	3.2	2.8	2.2	2.7

<b>Leightning® L1N</b>	NRR 25				Canada B				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	19.3	23.3	28.9	33.2	32.0	36.2	37.3	38.2	38.5
Std. Dev.	2.6	2.4	2.9	2.0	2.2	2.9	2.7	2.9	2.8

<b>Leightning® L3N</b>	NRR 28				Canada A (L)				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	22.5	27.8	33.7	37.1	33.7	38.5	38.6	40.8	40.3
Std. Dev.	3.3	2.6	2.9	2.7	2.1	2.7	2.7	2.3	2.6

<b>Leightning® L0F</b>	NRR 23				Canada B				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	16.8	22.1	25.2	27.2	31.3	36.2	40.3	40.2	42.1
Std. Dev.	2.5	2.1	2.0	2.2	2.3	2.8	2.9	2.1	3.5

<b>Leightning® L2FHV</b>	NRR 27				Canada B (L)				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	21.5	26.8	31.8	34.7	32.0	37.7	37.5	38.6	39.9
Std. Dev.	2.9	2.6	2.5	1.9	2.1	2.8	2.5	2.4	2.8

<b>Thunder® T1</b>	NRR 26				Canada A				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	19.1	25.0	30.4	33.5	35.1	35.5	35.6	39.5	39.4
Std. Dev.	2.9	2.3	2.5	2.5	2.7	3.2	3.0	2.3	3.6

<b>Thunder® T2</b>	NRR 28				Canada A (L)				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	22.3	28.1	34.7	37.2	36.2	36.8	36.8	38.8	38.8
Std. Dev.	2.8	3.3	2.6	2.9	2.5	3.1	2.7	2.7	2.6

<b>Thunder® T3</b>	NRR 30				Canada A (L)				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	24.7	29.8	35.5	38.5	37.9	39.6	39.6	41.9	42.3
Std. Dev.	2.8	2.7	2.8	3.0	2.5	3.1	2.4	2.6	2.4

<b>Thunder® T1H</b>	NRR 23				Canada A				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	16.9	22.0	28.4	31.6	33.1	33.7	34.7	39.6	38.6
Std. Dev.	3.6	2.9	3.4	2.9	3.1	2.8	3.0	2.7	4.0

<b>Thunder® T2H</b>	NRR 25				Canada A (L)				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	20.7	26.9	31.6	34.1	34.9	35.2	36.6	39.4	39.6
Std. Dev.	3.5	3.8	3.7	3.7	3.5	3.3	3.2	2.4	3.5

<b>Thunder® T3H</b>	NRR 27				Canada A (L)				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	23.6	27.7	34.1	34.5	32.9	36.4	39.1	40.6	41.4
Std. Dev.	3.3	3.4	3.1	1.8	2.0	2.6	3.0	3.1	2.8

<b>Thunder® T1F</b>	NRR 25				Canada A				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	19.6	23.2	29.6	32.6	33.6	34.7	36.3	39.8	38.3
Std. Dev.	3.4	2.1	3.0	2.4	2.8	2.7	2.9	2.2	4.2



Call Customer Care at 800 430-5490.

## REFERENCE: ATTENUATION CHARTS

*NRR testing in accordance with ANSI S.3.19-1974*

<b>Viking® V1</b>	NRR 25				Canada B		Over-the-Head		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	18.4	23.1	28.1	32.1	3	37.9	37.0	37.4	37.6
Std. Dev.	3.1	2.2	2.6	2.2	2.5	3.0	2.8	3.0	2.4

	NRR 27				Canada B		Behind-the-Head		
Mean Attn.	18.8	22.5	26.7	31.1	32.2	37.3	37.5	36.4	36.3
Std. Dev.	3.5	2.7	2.4	2.2	2.5	2.8	2.3	2.3	3.7

	NRR 27				Canada B		Under-the-Chin		
Mean Attn.	18.8	22.8	27.4	32.5	32.0	37.5	36.8	35.5	36.1
Std. Dev.	3.6	3.0	2.7	2.1	2.7	3.1	2.7	2.0	2.2

<b>Viking® V3</b>	NRR 29				Canada A (L)		Over-the-Head		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	23.8	28.7	32.9	36.7	36.0	38.6	39.6	39.3	40.4
Std. Dev.	2.5	2.3	2.4	2.0	2.5	3.2	2.8	2.3	2.8

	NRR 27				Canada A (L)		Behind-the-Head		
Mean Attn.	20.9	26.5	31.1	36.6	34.4	36.8	38.7	38.8	38.8
Std. Dev.	4.2	2.7	3.1	2.0	2.3	3.4	1.8	2.0	2.9

	NRR 27				Canada A (L)		Under-the-Chin		
Mean Attn.	22.2	26.3	31.8	36.7	35.2	38.1	39.0	38.9	38.1
Std. Dev.	2.9	3.2	3.2	2.1	2.7	3.1	2.8	2.7	2.6

<b>Mach™ 1</b>	NRR 18				Canada B		Over-the-Head		
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	9.3	14.5	23.2	29.6	30.7	31.5	31.7	31.5	31.9
Std. Dev.	3.2	2.6	2.8	3.2	3.0	3.0	2.9	3.2	2.8

<b>QM24+®</b>	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

### Cap-Mounted Earmuffs

<b>EM2177</b>	NRR 22				Canada A				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	14.7	19.5	26.9	34.3	33.0	34.6	35.0	34.7	34.8
Std. Dev.	2.3	2.8	2.7	2.6	3.4	3.2	3.7	4.0	3.8

<b>EM4157</b>	NRR 20				Canada B				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	11.8	16.7	26.2	34.3	32.2	32.8	34.4	32.5	30.7
Std. Dev.	2.2	2.6	3.7	3.7	2.8	2.9	4.5	4.6	3.9

<b>EM7206</b>	NRR 27				Canada A				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	17.9	27.8	35.4	38.0	34.9	33.0	35.8	36.8	36.3
Std. Dev.	2.4	1.8	2.9	2.6	3.0	1.9	2.7	2.9	2.9

<b>EM7209</b>	NRR 24				Canada B				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	16.8	22.0	30.8	34.2	32.6	33.9	39.6	40.0	40.1
Std. Dev.	3.1	3.3	3.5	2.3	2.4	3.9	2.6	3.2	3.1

### Sound Management Earmuffs

<b>Clarity® C1</b>	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

<b>Clarity® C3</b>	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

<b>Impact®</b>	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	5.6
Std. Dev.	2.4	2.3	1.9	2.1	2.8	2.6	2.4	2.7	2.2

<b>Impact® H</b>	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

<b>Impact® Sport/MIL</b>	NRR 22				Canada B (L)				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	18.1	21.4	23.5	27.5	27.1	35.3	36.8	29.6	39.2
Std. Dev.	2.7	1.9	1.9	2.0	1.8	.6	3.8	3.0	3.9

### Radio & Stereo Earmuffs

<b>Sync™ Stereo</b>	NRR 25				Canada A (L)				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	19.1	22.4	28.7	31.7	36.8	39.0	39.4	39.4	41.4
Std. Dev.	3.6	2.2	1.9	2.6	3.7	3.1	2.8	1.9	3.9

<b>Sync Digital AM/FM Radio, Hi-Vis Digital AM/FM Radio and Electro</b>	NRR 25				Canada A (L)				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	20.1	24.8	28.2	32.1	33.5	36.5	38.6	40.1	39.5
Std. Dev.	2.9	2.1	2.0	2.4	2.8	2.6	2.5	2.0	2.9

<b>Sync™ Digital Electro H</b>	NRR 24				Canada A (L)				
Frequency/Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attn.	20.7	23.6	29.6	30.2	29.6	32.9	37.9	38.6	37.6
Std. Dev.	2.7	2.9	3.1	1.7	1.9	2.1	3.6	3.3	3.1

 Call Customer Care at 800 430-5490.

**HOWARD LEIGHT SKU LISTING**

**SINGLE-USE EARPLUGS**

**Max®**

Item #	Cording	Packaging	NRR	Canada Class
MAX-1	Uncorded	Polybag	33	A (L)
MAX-5	Uncorded	5PR Resealable Bag	33	A (L)
MAX-LS4	Uncorded	Bulk Refill Bag for Leight Source 400	33	A (L)
MAX-1-D	Uncorded	Bulk Refill Box for Leight Source 500	33	A (L)
MAX-30	Corded	Polybag	33	A (L)
MAX-30-PB	Corded	Paper Bag	33	A (L)
MAX1-USA	Max USA Uncorded	Polybag	33	A (L)
MAX-1-D-USA	Max USA Uncorded	Bulk Refill Box for Leight Source 500	33	A (L)
MAX30-USA	Max USA Corded	Polybag	33	A (L)

**MAX® Small**

Item #	Cording	Packaging	NRR	Canada Class
MAX-1S	Uncorded	Polybag	30	A (L)
MAX-30S	Uncorded	Polybag	30	A (L)
MAX-1S-D	Uncorded	Bulk Refill Bag for Leight Source 500	30	A (L)

**Max Lite®**

Item #	Cording	Packaging	NRR	Canada Class
LPF-1	Uncorded	Polybag	30	A (L)
LPF-1-PB	Uncorded	Paper Bag	30	A (L)
LPF-LS4	Uncorded	Bulk Refill Bag for Leight Source 400	30	A (L)
LPF-1-D	Uncorded	Bulk Refill Box for Leight Source 500	30	A (L)
LPF-30	Corded	Polybag	30	A (L)
LPF-30-PB	Corded	Polybag	30	A (L)
LPF-30-P	Cotton Cord	Paper Bag	30	A (L)

**Laser Lite®**

Item #	Cording	Packaging	NRR	Canada Class
LL-1	Uncorded	Polybag	32	A (L)
LL-1-PB	Uncorded	Paper Bag	32	A (L)
LL-LS4	Uncorded	Bulk Refill Bag for Leight Source 400	32	A (L)
LL-1-D	Uncorded	Bulk Refill Box for Leight Source 500	32	A (L)
LL-30	Corded	Polybag	32	A (L)
LL-30-PB	Corded	Paper Bag	32	A (L)

**Multi Max®**

Item #	Cording	Packaging	NRR	Canada Class
MM-1	Uncorded	Polybag	31	A (L)
MM-1-PB	Uncorded	Paper Bag	31	A (L)
MM-LS4	Uncorded	Bulk Refill Bag for Leight Source 400	31	A (L)
MM-1-D	Uncorded	Bulk Refill Box for Leight Source 500	31	A (L)

**Matrix™**

Item #	Cording	Packaging	NRR	Canada Class
MTX-1-OR	Orange/Uncorded	Polybag	29	A (L)
MTX-1-GR	Green/Uncorded	Polybag	27	A (L)
MTX-1-BU	Blue/Uncorded	Polybag	23	A (L)
MTX-30-OR	Orange/Corded	Polybag	29	A (L)
MTX-30-GR	Green/Corded	Polybag	27	A (L)
MTX-30-BU	Blue/Corded	Polybag	23	A (L)

MTX-OR-LS4	Orange/Corded	Bulk Refill Bag for Leight Source 400	29	A (L)
MTX-GR-LS4	Green/Corded	Bulk Refill Bag for Leight Source 400	27	A (L)
MTX-BU-LS4	Blue/Corded	Bulk Refill Bag for Leight Source 400	23	A (L)
MTX-1-OR-D	Orange/Corded	Bulk Refill Box for Leight Source 500	29	A (L)
MTX-1-GR-D	Green/Corded	Bulk Refill Box for Leight Source 500	27	A (L)
MTX-1-BU-D	Blue/Corded	Bulk Refill Box for Leight Source 500	23	A (L)

**DeciDamp2**

Item #	Cording	Packaging	NRR	Canada Class
280005	Uncorded	Polybag	29	A (L)
280006	Corded	Polybag	29	A (L)

**MULTIPLE-USE EARPLUGS**

**SmartFit®**

Item #	Cording	Packaging	NRR	Canada Class
SMF-30	Detachable Cord	HearPack	25	A (L)
SMF-30W-P	Attached Cotton Cord	Paper Bag	25	A (L)

**Fusion®**

Item #	Cording	Packaging	NRR	Canada Class
FUS30-HP	Regular/Corded	HearPack	27	A (L)
FUS30S-HP	Small/Corded	HearPack	27	A (L)

**Clarity®**

Item #	Cording	Packaging	NRR	Canada Class
1005329	Regular/Corded	Reusable Case	21	A (L)
1005328	Small/Corded	Reusable Case	21	A (L)

**AirSoft®**

Item #	Cording	Packaging	NRR	Canada Class
DPAS-1	Uncorded	Polybag	27	A (L)
DPAS-30R	Red Polycord	Polybag	27	A (L)
DPAS-30W	White Nylon Cord	Polybag	27	A (L)
AS-1	Uncorded	Reusable Case	27	A (L)
AS-30R	Red Polycord	Reusable Case	27	A (L)
AS-30W	White Nylon Cord	Reusable Case	27	A (L)

**Quiet®**

Item #	Cording	Packaging	NRR	Canada Class
QD1	Uncorded	Polybag	26	A (L)
QD1-RC	Uncorded	Reusable Case	26	A (L)
QD-1-DS	Uncorded	Bulk Refill Box for Leight Source 500	26	A (L)
QD1-SM	Small/Uncorded	Polybag	26	A (L)
QD1-RC-SM	Small/Uncorded	Reusable Case	26	A (L)
QD1-LG	Large/Uncorded	Polybag	26	A (L)
QD1-RC-LG	Large/Uncorded	Reusable Case	26	A (L)
QD30	Corded	Polybag	26	A (L)
QD30-RC	Corded	Reusable Case	26	A (L)
QD30-SM	Small/Corded	Polybag	26	A (L)
QD30-RC-SM	Small/Corded	Reusable Case	26	A (L)
QD30-LG	Large/Corded	Polybag	26	A (L)
QD30-RC-LG	Large/Corded	Reusable Case	26	A (L)

**Pilot™**

Item #	Cording	Packaging	NRR	Canada Class
PLT-1	Uncorded	Polybag	26	A (L)
PLT-30	Corded	Polybag	26	A (L)

 Call Customer Care at 800 430-5490.



## HOWARD LEIGHT SKU LISTING

### DETECTABLE EARPLUGS

#### Laser Trak®

Item #	Cording	Packaging	NRR	Canada Class
LT-30	Corded	Polybag	32	A (L)

#### SmartFit® Detectable

Item #	Cording	Packaging	NRR	Canada Class
SDT-30	Attached Polycord	Polybag	25	A (L)
SMF-30BU	Nylon Cord	Polybag	25	A (L)

#### Fusion® Detectable

Item #	Cording	Packaging	NRR	Canada Class
FDT-30	Regular/Corded	HearPack®	25	A (L)
FDT-30-SM	Small/Corded	HearPack®	25	A (L)

### BANDED EARPLUGS

#### QB1HYG®

Item #	Cording	Packaging	NRR	Canada Class
QB1HYG	Inner-Aural Band	Resealable Bag	27	B (L)
QB100HYG	Replacement Pods	Polybag		

#### QB2HYG®

Item #	Cording	Packaging	NRR	Canada Class
QB2HYG	Supra-Aural Band	Resealable Bag	25	B (L)
QB200HYG	Replacement Pods	Polybag		

#### QB3HYG®

Item #	Cording	Packaging	NRR	Canada Class
QB3HYG	Semi-Aural Band	Resealable Bag	23	B (L)
QB300HYG	Replacement Pods	Polybag		

#### PerCap®

Item #	Cording	Packaging	NRR	Canada Class
PERCAP	Folding Band	Resealable Bag	21	B (L)
PCAP100	Replacement Pods	Polybag		

### EARPLUG DISPENSERS

#### Leight® Source 400

Item #	Description	Packaging
LS-400	Leight Source 400	Box

#### Leight® Source 500

Item #	Description	Packaging
LS-500	Leight Source 500	Box

### NOISE-BLOCKING EARMUFFS

#### Leightning®

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1013461	Leightning L0F	Folding	23	B	1011998
1013460	Leightning L0N	Neckband	22	B	1011998
1010922	Leightning L1	Headband	25	B	1011998
1011991	Leightning L1H	Cap-Mounted	23	B (L)	1011998
1011994	Leightning L1N	Neckband	25	B	1011998
1010924	Leightning L3	Headband	30	A (L)	1012000
1011993	Leightning L3H	Cap-Mounted	27	A (L)	1012000
1011996	Leightning L3N	Neckband	28	A (L)	1012000

Packaging: Individual Box

#### Leightning® Hi-Visibility

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1013942	Leightning L2FHV Hi-Vis	Folding	27	B (L)	1011999
1013941	Leightning L3HV Hi-Vis	Headband	30	A (L)	1012000

#### Thunder®

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1010928	Thunder T1	Headband	26	A	1010974
1011600	Thunder T1F	Folding	25	A	1010974
1011601	Thunder T1H	Cap-Mounted	23	A	1010974
1010929	Thunder T2	Headband	28	A (L)	1010975
1011602	Thunder T2H	Cap-Mounted	25	A (L)	1010975
1010970	Thunder T3	Headband	30	A (L)	1010976
1011603	Thunder T3H	Cap-Mounted	27	A (L)	1010976

Packaging: Individual Box

#### Viking®

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1010925	Viking V1	Multiple-Position	25	B	1011998
1010926	Viking V2	Multiple-Position	27	A (L)	1011999
1010927	Viking V3	Multiple-Position	29	A (L)	1012000

Packaging: Individual Box

#### Mach™ 1

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1010421	Mach 1	Headband	18	B	N/A

Packaging: Polybag

#### QM24+®

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
QM24+	QM24+	Multiple-Position	25	B	HK4

Packaging: Polybag

#### Cap-Mounted Earmuffs For North Hard Hats

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
EM2177	Dielectric Cap-Mounted (red)	Helmet	22	A	HK200
EM4157	Dielectric Cap-Mounted (blue)	Helmet	20	B	HK100
EM7206	Metal Cap-Mounted Earmuff	Helmet	27	A	HK400
EM7209	Wide/Full-Brim Cap-Mounted	Helmet	24	B	HK400

Packaging: Individual Box



by Honeywell

Call Customer Care at 800 430-5490.

**HOWARD LEIGHT SKU LISTING**

**SOUND MANAGEMENT EARMUFFS**

**Clarity®**

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1011142	Clarity C1	Headband	20	B	1006080
1011146	Clarity C3	Headband	27	B (L)	1006081

Packaging: Individual Box

**Impact®**

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1010376	Impact	Headband 23	B	1008000	
1010632	Impact H	Cap-Mounted	21	B	1008000

Packaging: Individual Box

**Impact® Sport**

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
R-01526	Impact Sport	Folding	22	B (L)	1008000

Packaging: Blistercard

**Impact® Sport MIL**

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
R-01526-MIL	Impact Sport	Folding	22	B (L)	1008000

Packaging: Individual Box

**SYNC EARMUFFS**

**Sync Stereo**

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1030110	Sync Stereo	Headband	25	A	1030220

Packaging: Individual Box

**Sync Digital AM/FM Radio**

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1030331	Digital AM/FM Radio	Headband	25	A	1015280

Packaging: Individual Box

**Sync Hi-Vis Digital AM/FM Radio**

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1030390	Hi-Vis Digital AM/FM Radio	Headband	25	A	1015280

Packaging: Individual Box

**Sync Digital Electro**

Item #	Description	Style	NRR	Canada Class	Hygiene Kit
1030333	Digital Electro with FM Radio	Headband	25	A	1015280
1030334	Digital Electro H with FM Radio	Helmet	24	A	1015280

Packaging: Individual Box

**EARMUFFS ACCESSORIES**

**Polar Hood®**

Item #	Description	Packaging
1016870	Polar Hood – L/XL	Hang Card
1016871	Polar Hood – S/M	Hang Card

**Cool Pads**

Item #	Description	Packaging
1000365	Cool Pads, box of 20	5 Pair Packs Envelope
1000364	Cool Pads	100 Pair Dispenser Pack Box

**Slim Belt Clip**

Item #	Description	Packaging
1016730	Slim Belt Clip	Polybag

**Folding Earmuff Belt Case**

Item #	Description	Packaging
1000251	Folding Earmuff Belt Case	Polybag

**Hygiene Kits**

Item #	Description	Packaging
1006080	Clarity C1/C1F/C1H	Polybag
1006081	Clarity C2/C3/C3H	Polybag
1010974	Thunder T1/T1H/T1F	Polybag
1010975	Thunder T2/T2H/T2HV	Polybag
1010976	Thunder T3/T3H	Polybag
1011998	Leightning L1/L1H/L1N/L0N/L0F/L1HHV/Viking V1	Polybag
1011999	Leightning L2/L2H/L2N/L2F/L2FHV/Viking V2	Polybag
1012000	Leightning L3/L3H/L3N/L3HV/Viking V3	Polybag
1015280	Impact Sport/Impact Sport/Sync Radio/Sync Electro	Polybag
1030220	Sync Stereo	Polybag

**Hard Hat Adapters**

Item #	Description	Packaging
13910033	3702, Clip-On	Polybag
13910034	3710, Dielectric Screw-On	Polybag
13910035	3711, Centurion	Polybag
13910036	3712, Balance, Bullard, LAS, MSA, Voss, Opus	Polybag
13910037	Norton, Bullard	Polybag
13910038	3714, Protector, AO, JSP, Domeguard	Polybag
13910039	3718, AO Safety, Bullard, Jackson, MSA North, Sperian	Polybag



by Honeywell

Call Customer Care at 800 430-5490.