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Industrial Protective Products (WA)
Supporting Better Products

 HEARING PROTECTION



Hearing **Protection**

CATALOGUE

Disposable Earplugs

3M™ Disposable Earplugs, made from expandable slow-recovery foam, help provide a great combination of comfort and hearing protection for users. Once in the ear, foam earplugs expand to conform to the unique shape of each ear canal. 3M provides a wide range of disposable roll-down earplugs so you can choose the best solution for your individual needs.



3M™ E.A.R.™ Classic Earplugs

Classic earplugs were the industry's first foam earplugs, virtually revolutionising hearing protection. Today, the revolution continues. It meets more wearer and environmental needs with its proprietary foams, preferred cylindrical shape, and proven in-ear comfort.

- Moisture Resistant
- Slow-Recovery Foam
- E-A-Rfit Testable
- Uncorded - 23dB (Class 4)
- Corded - SLC80 21dB (Class 3)
- 2000 pairs/case
- 200 pairs/box

Model #	Description
HE 3M 311-1101	E-A-R Classic Corded
HE 3M 310-1001	E-A-R Classic Pillow Pack Uncorded
HE 3M 312-1201	E-A-R Classic Polybag Uncorded



3M™ 1100 & 1110 Earplugs

- Available with Cord
- Hypo-allergenic Foam
- SLC 80 21dB (Class 3)
- Uncorded - 1000 pairs/case
- Uncorded - 200 pairs/box
- Corded - 500 pairs/case
- Corded - 100 pairs/box

Model #	Description
HE 3M 1100	3M 1100 Earplugs Uncorded
HE 3M 1110	3M 1110 Earplugs Corded



3M™ E.A.Rsoft™ FX Earplugs

- Available with Cord
- Slow-Recovery Foam
- Easy removal (bell shape)
- E-A-Rfit Testable
- SLC 80 26dB (Class 5)
- 2000 pairs/case
- 200 pairs/box

Model #	Description
HE 3M 312-1260	E-A-R FX Corded
HE 3M 312-1261	E-A-R FX Uncorded



3M™ E.A.Rsoft™ Neon Blast Earplugs

- Slow-Recovery Foam
- E-A-Rfit Testable
- SLC 80 23dB (Class 4)
- 2000 pairs/case
- 200 pairs/box

Model #	Description
HE 3M 311-1252	E-A-Rsoft Yellow Neon Blasts Regular Corded
HE 3M 312-1252	E-A-Rsoft Yellow Neon Blasts Regular Uncorded



3M™ E.A.R.™ Classic Superfit 30 Earplugs

- Moisture Resistant
- Slow-Recovery Foam
- Uncorded - SLC 80 23dB (Class 4)
- Corded - SLC 80 22dB (Class 4)
- 2000 pairs/case
- 200 pairs/box

Model #	Description
HE 3M 311-1126	E-A-R Classic Superfit 30 Corded
HE 3M 312-4201	E-A-R Classic Superfit 30 Uncorded



3M™ E.A.Rsoft™ SuperFit Earplugs

- Available with Cord
- Slow-Recovery Foam
- E-A-Rfit Testable
- SLC 80 24dB (Class 4)
- 2000 pairs/case
- 200 pairs/box

Model #	Description
HE 3M 311-1254	E-A-Rsoft Superfit Regular Corded
HE 3M 312-1255	E-A-Rsoft Superfit Large Uncorded
HE 3M 312-1256	E-A-Rsoft Superfit Regular Uncorded

**3M™ E.A.R.™ Taperfit II Earplugs**

- Available with Cord
- Slow-Recovery Foam
- E-A-Rfit Testable
- SLC 80 26dB (Class 5)
- 2000 pairs/case
- 200 pairs/box

Model #	Description
HE 3M 312-1219	E-A-R Taperfit II Regular Uncorded
HE 3M 312-1221	E-A-R Taperfit II Large Uncorded
HE 3M 312-1224	E-A-R Taperfit II Large Corded

**3M™ E.A.Rsoft™ Neons Earplugs**

- Slow-Recovery Foam
- Two sizes available
- E-A-Rfit Testable
- SLC 80 23dB (Class 4)
- 2000 pairs/case
- 200 pairs/box

Model #	Description
HE 3M 312-1250	E-A-Rsoft Neons Regular Uncorded
HE 3M 311-1251	E-A-Rsoft Neons Large Corded
HE 3M 312-1251	E-A-Rsoft Neons Large Uncorded

**3M™ E.A.R.™ Classic Platinum Earplugs**

- 7% Smaller than Classic
- Moisture Resistant
- Slow-Recovery Foam
- E-A-Rfit Testable
- SLC 80 23dB (Class 4)
- 2000 pairs/case
- 200 pairs/box

Model #	Description
HE 3M 310-4002	E-A-R Classic Platinum Pillow Pack Uncorded
HE 3M 310-4003	E-A-R Classic Platinum Polybag Uncorded

Banded Hearing Protectors

Banded hearing protectors are an easy-to-use, convenient alternative to earplugs and earmuffs. They are quick to put on and take off and may be stored around the neck in between uses, making them excellent for intermittent use.

**3M™ E-A-R™ Swerve™ Banded Hearing Protector**

Comfort meets performance as the unique Swerve™ banded earplugs incorporate a cutting-edge band design with the effectiveness of E-A-R™ foam earplugs. The ergonomic design minimizes interference with the wearer.

- Replacement Tips Available
- Adjustable Band
- Custom Neck/Ear Positioning
- Slow-Recovery Foam
- Flex 28 Tips - 23dB (Class 4)
- 10 bands/case

Model #	Description
HE 3M 322-2000	E-A-R Swerve Foam

**3M™ E-A-Rflex™ Banded Earplugs**

- Replacement Tips Available
- Flexible Band
- Multi Pivot Tips
- E-A-Rflex Tips - 15dB (Class 2)
- 10 bands/case

Model #	Description
HE 3M 350-3001	E-A-Rflex Foam
HE 3M 350-3002	E-A-Rflex Foam (Replacement Pods)

**3M™ 1310 Banded Series**

- Replacement Tips Available
- Flexible Band
- Round Foam Tips
- Worn under chin - 18dB (Class 3)
- 50 bands/case
- When Worn Under the Chin = SLC80 18 dB (Class 3)
- When Worn Behind the Neck = SCL80 13 dB (Class 1)

Model #	Description
HE 3M 1310	3M 1310 Banded Series (Under Chin Position)
HE 3M 1311	3M 1311 Banded Series (Replacement Pods)

3M™ E.A.R™ One Touch Earplug Dispensers

3M™ One Touch™ Pro Earplug Dispenser gives workers convenient access to hearing protection products. A "No-Waste Funnel" accurately delivers earplugs with a slight turn. It typically dispenses a single earplug with each turn, giving the worker more control with less chance of spillage and waste of earplugs.

Features and Benefits:

- Makes it easy for workers to get the earplugs they need on the job. The dispenser holds 400-500 pairs of earplugs that are dispensed one at a time with a simple turning motion. Because the dispensing of earplugs is controlled, there should be little waste
- Our dispenser also makes it more sanitary for workers to get their earplugs as it eliminates the practice of workers reaching into a bin and touching multiple earplugs.
- The 3M One Touch Pro Earplug dispenser may be placed on flat, level surfaces such as countertops, or wall mounted in a convenient place. For wall mounting applications, a powder-coated steel backplate is included
- Accurately dispenses one earplug at a time
- Dispenses earplug directly into hand
- Durable ABS plastic for tough environments
- Can be free-standing or wall-mounted
- Shields earplugs from wind and rain



Model #	Description
HE 3M 1100-BT	3M™ 1100 One Touch™ Refill - 500 pair/bottle 4 bottles/case, SLC80 21dB (Class 3)
HE 3M 391-1001	3M™ Classic™ One Touch™ Refill - 500 pair/bottle 4 bottles/case, SLC80 23dB (Class 4)
HE 3M 391-1009	3M™ Classic™ SuperFit™ 30 One Touch™ Refill - 500 pair/bottle 4 bottles/case, SLC80 23dB (Class 4)
HE 3M 391-1004	3M™ E-A-Rsoft™ Yellow Neons™ One Touch™ Refill - 500 pair/bottle 4 bottles/case, SLC80 23dB (Class 4)
HE 3M 391-1005	3M™ E-A-Rsoft™ Yellow Neons Large One Touch Refill - 500 pair/bottle 4 bottles/case, SLC80 23dB (Class 4)
HE 3M 391-1010	3M™ E-A-Rsoft™ Yellow Neon Blasts™ Regular One Touch™ Refill - 500 pair/bottle 4 bottles/case, SLC80 23dB (Class 4)
HE 3M 391-1254	3M™ E-A-Rsoft™ SuperFit™ One Touch™ Refill - 500 pair/bottle 4 bottles/case, SLC80 24dB (Class 4)
HE 3M 390-1012	3M™ E-A-Rsoft™ FX™ One Touch™ Refill Bottle 500 pair/bottle 4 bottles/case, SLC80 26dB (Class 5)
HE 3M PN-01-011	3M™ Solar One Touch™ Refill Bottle 500 pair/bottle 4 bottles/case, SLC80 26dB (Class 5)
HE 3M 391-0000	3M™ One Touch™ Pro - Earplug Dispenser
HE 3M 391-0010	3M™ One Touch™ Pro Mounting Adapter Plate (Needed if using same mounting points as Howard Leight LS500 dispenser)

SOFT COMFORTABLE FIT

SparkPlugs earplugs are made of extra-soft, extra-light foam. Their tapered shape fits easily in the ear canal, and seals gently and snugly without pressure. They're so comfortable you'll forget you're wearing earplugs.

INDEPENDENTLY TESTED: SLC 29DB

SparkPlugs earplugs offer a high SLC 29dB, making them suitable for most noisy environments. So, while they look like fun, they provide serious protection.

METAL DETECTABLE VERSION

SparkPlugs also come in a metal detectable version which has a metal detectable cord. The bright blue colour is perfect for food processing applications. The enclosed metal ball bearing eliminates any exposed metal. The ball bearing and cord are in separate holes so that the earplugs remain detectable even if the cord is removed. The earplugs are corded to prevent earplug loss.

- Extra-soft, low pressure foam for comfort and fit.
- Non-irritating smooth surface.
- Metal detectable earplugs and cord for food processing application.

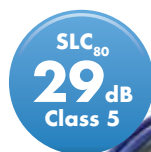


Class 5



Uncorded / Corded

6604 / 6654



SparkPlugs® Metal Detectable

SparkPlugs®

SparkPlugs® PlugStations

Uncorded Bag

Corded Bag

Metal Detectable

EcoStations



6645 6644



6605



6880



6881



6703

Product Code	Display Quantity	Case Quantity
HE MX 6604	200 Pairs / Box	10 Boxes
HE MX 6654	100 Pairs / Box	20 Boxes
HE MX 6615	100 Pairs / Box	20 Boxes
HE MX 6645	500 Pairs	4 Dispensers
HE MX 6644	250 Pairs	6 Dispensers
HE MX 6605	250 Pairs	4 Dispensers
HE MX 6880	150 Pairs	4 Dispensers
HE MX 6881	150 Pairs	4 Dispensers

Soothers™ Moisturizing Earplugs



6880



Uncorded

- Hydrates and moisturizes for all day comfort.
- Extra-soft, low-pressure foam for comfort and fit.
- Tapered shape for easy insertion and removal.
- Shaped to fit even very small ear canals.
- Non-irritating smooth surface.

Product Code	Display Quantity	Case Quantity
HE MX 6680	200 Pairs / Box	10 Boxes

Soothers® Moisturizing Earplugs

Disposable Foam Earplugs

Pura-Fit®

Uncorded /
Corded

PlugStations

Corded
Bag

EcoStations



SLC₉₀
27 dB
Class 5

6800 / 6900



6845

6844



6882



6705

An industry favorite.
Longer length for easy fitting and removal.
Extra soft foam for maximum comfort.

Product Code	Display Quantity	Case Quantity
HE MX 6800	200 Pairs / Box	10 Boxes
HE MX 6900	100 Pairs / Box	20 Boxes
HE MX 6845	500 Pairs	4 Dispensers
HE MX 6844	250 Pairs	6 Dispensers
HE MX 6882	150 Pairs	4 Dispensers
HE MX 6705	500 Pairs	4 Starter Packs

Goin' Green®

Uncorded

Corded

PlugStations



SLC₉₀
29 dB
Class 5

6620



6622

6647



Tapered shape for easy insertion and removal.
Non-irritating smooth surface.

Product Code	Display Quantity	Case Quantity
HE MX 6620	200 Pairs / Box	10 Boxes
HE MX 6622	100 Pairs / Box	20 Boxes
HE MX 6647	500 Pairs	4 Dispensers

Mellows®

Uncorded

Corded

PlugStations



SLC₉₀
22 dB
Class 5

6820



6840



6847

6846

Radiant orange colour for easy compliance checks.
Shaped to fit even very small ear canals.

Product Code	Display Quantity	Case Quantity
HE MX 6820	200 Pairs / Box	10 Boxes
HE MX 6840	100 Pairs / Box	20 Boxes
HE MX 6847	500 Pairs	4 Dispensers
HE MX 6846	250 Pairs	6 Dispensers

Glide® Foam Twist-In

Uncorded

Corded

PlugStations w/ Cord



SLC₉₀
24 dB
Class 5

6940



6945



6883

No roll down required.
Large handle on curved stem for easy insertion & removal.
Cord can be attached at any desired length.

Product Code	Display Quantity	Case Quantity
HE MX 6940	100 Pairs / Box	4 Boxes
HE MX 6945	100 Pairs / Box	4 Boxes
HE MX 6883	150 Pairs	4 Dispensers


uvex xact-fit

- disposable earplugs uniquely shaped to match the anatomy of the ear canal
- tapered plug shape ensures natural, pressure free fit - maximising comfort and protection levels
- left / right pod carriers simplify fitting and ensure accurate fit every-time
- replacement earplugs can be dispensed through the standard uvex wall mounted dispenser unit
- sealed PU foam reduces the potential for contamination
- adjustable neck cord can be altered to wearers requirements for increased safety

	uvex xact-fit	uvex xact-fit replacement pods
Part. no.	HE UV XA-CD	HE UV XA-RP
Design	with reusable pin	replacement pods
Standard	AS/NZS 1270	AS/NZS 1270
SLC80	22 dB, Class 4	22dB, Class 4
Colour	lime	lime
Packaging	50 pairs, paired in mini box	250 pairs, 5 pairs, packed in mini box


uvex x-fit

- tapered plug shape ensures natural, pressure free fit - maximising comfort and protection levels
- suitable for use in high noise environments
- patented x-grip technology reduces pressure on the ear canal and aids easy, hygienic removal

	uvex x-fit	
Part No.	HE UV XF-UC	HE UV XF-CD
Design	without cord	with cord
Standard	AS/NZS 1270	AS/NZS 1270
SLC80	26 dB, Class 5	26 dB, Class 5
Colour	lime	lime
Packaging	200 pairs, packed in pairs	100 pairs, packed in pairs

	uvex x-fit	
Part No.	HE UV XF-UC-B	HE UV XF-UC-D
Design	without cord	without cord
Standard	AS/NZS 1270	AS/NZS 1270
SLC80	26 dB, Class 5	26 dB, Class 5
Colour	lime	lime
Packaging	7000 pairs, bulk pack	500 pairs, for wall dispenser


uvex hi-com

- delivers low, flat attenuation allowing for excellent speech and sound recognition
- available in two colours
- large surface area delivers softer acoustics and absorbs inner ear sounds which can become obvious when wearing hearing protection in quieter areas

	uvex hi-com		
Part No.	HE UV HC-UC	HE UV HC-PB	HE UV HC-UC-F
Design	without cord	without cord	without cord
Standard	AS/NZS 1270	AS/NZS 1270	AS/NZS 1270
SLC80	16 dB, Class 2	16 dB, Class 2	16 dB, Class 2
Colour	lime	lime	fawn
Packaging	200 pairs, packed in pairs	200 pairs, refill polybag	200 pairs, packed in pairs


uvex com4-fit

- disposable earplugs with a compact, ergonomic design
- perfect for narrow and smaller ear canals
- suitable for use in high noise environments
- patented x-grip technology reduces pressure on the ear canal and aids easy, hygienic removal
- increased wearing comfort, when worn for extended periods

	uvex com4-fit	
Part No.	HE UV CF-UC	HE UV CF-CD
Design	without cord	with cord
Standard	AS/NZS 1270	AS/NZS 1270
SLC80	22 dB, Class 4	22 dB, Class 4
Colour	orange	orange
Packaging	200 pairs, packed in pairs	100 pairs, packed in pairs

	uvex com4-fit	
Part No.	HE UV CF-PB	HE UV CF-UC-D
Design	without cord	without cord
Standard	AS/NZS 1270	AS/NZS 1270
SLC80	22 dB, Class 4	22 dB, Class 4
Colour	orange	orange
Packaging	200 pairs, dispenser refill	500 pairs, for wall dispenser

Push-to-Fit Earplugs

Simply hold 3M™ Push-to-Fit Earplugs by the stem then push them into place – there is no roll-down required. The soft foam tip quickly adjusts to the shape of the ear to help create a noise-reducing seal. Since you don't touch the foam tip, they are easy to insert and keep clean, even when your hands are dirty or you are wearing gloves.

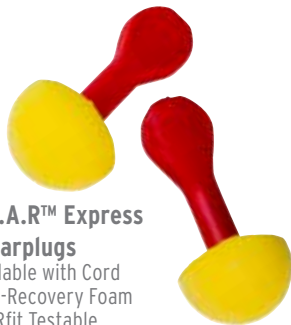


3M™ Skull Screws™ Earplug

Skull Screws™ earplugs perform as tough as they look by providing excellent hearing protection for noisy environments. The metallic color makes the earplugs look solid, but they are made from ultra-soft foam that provides day-long comfort. Grab the attention of your young workers with these radically designed earplugs and help boost hearing protection acceptance.

- Available with Cord
- Slow-Recovery Foam
- E-A-Rfit Testable
- No Roll-Down Required
- SLC 80 26dB (Class 5)
- 480 pairs/case
- 120 pairs/box

Model #	Description
HE 3M P1300	3M Skull Screws Uncorded
HE 3M P1301	3M Skull Screws Corded



3M™ E.A.R.™ Express Pods Earplugs

- Available with Cord
- Slow-Recovery Foam
- E-A-Rfit Testable
- No Roll-Down Required
- SLC 80 19dB (Class 3)
- 400 pairs/case
- 100 pairs/box

Model #	Description
HE 3M 321-2115	E-A-R Express Pods Corded
HE 3M 321-3200	E-A-R Express Pods Uncorded



3M™ E.A.R.™ Push-Ins Earplugs

- Available with Cord
- E-A-Rform™ Foam Tip
- E-A-Rfit Testable
- No Roll-Down Required
- SLC 80 23dB (Class 4)
- 2000 pairs/case
- 200 pairs/box

Model #	Description
HE 3M 318-1002	E-A-R Push-Ins Uncorded
HE 3M 318-1003	E-A-R Push-Ins Corded



3M™ Pistonz™ Earplugs

- Available with Cord
- Slow-Recovery Foam
- No Roll-Down Required
- Flexible Stem
- SLC 80 25dB (Class 4)
- 400 pairs/case
- 100 pairs/box

Model #	Description
HE 3M P1400	3M Pistonz Uncorded
HE 3M P1401	3M Pistonz Corded



3M™ E.A.R.™ Push-Ins With Grip Rings Earplugs

- Available with Cord
- Patented Grip Rings
- E-A-Rfit Testable
- No Roll-Down Required
- SLC80 24dB Class 4
- 2000 pairs/case
- 200 pairs/box

Model #	Description
HE 3M 318-1008	E-A-R Push-Ins With Grip Rings Uncorded
HE 3M 318-1009	E-A-R Push-Ins With Grip Rings Corded



3M™ No-Touch™ Earplugs

- Available with Cord
- Slow-Recovery Foam
- E-A-Rfit Testable
- No Roll-Down Required
- SLC 80 25dB (Class 4)
- 400 pairs/case
- 100 pairs/box

Model #	Description
HE 3M P2000	3M No Touch Uncorded
HE 3M P2001	3M No Touch Corded

Reusable Earplugs

These durable, long-lasting earplugs are made from soft, flexible materials that are washable and reusable. The tapered tips are pre-molded for a wide range of ear sizes. Available in a variety of styles and protection levels.



3M™ E-A-R™ UltraFit™ Earplugs

A proven triple-flange design and pliable, pre-molded material make UltraFit earplugs a more comfortable fit for most ear canals. These durable, reusable earplugs are easy to use again and again, reducing waste. They can be cleaned easily with soap and water. Since there is no need to roll them down before fitting, simply push them into the ear canal for clean and comfortable noise reduction.

- Moisture Resistant
- Reusable, No Roll-Down
- E-A-Rfit Testable
- SLC 80 18dB (Class 3)
- Corded & Uncorded - 400 pairs/case
- Corded & Uncorded - 100 pairs/box
- Corded with case - 200 pairs/case
- Corded with case - 50 pairs/box

Model #	Description
HE 3M 340-4001	E-A-R Ultrafit Cased Uncorded
HE 3M 340-4002	E-A-R Ultrafit Cased Corded
HE 3M 340-4004	E-A-R Ultrafit Polybag Corded



3M™ E.A.R.™ Ultrafit 27 Earplugs

- Triple-flange tips
- Moisture Resistant
- Reusable, No Roll-Down
- Pistol-grip stem, easy insert
- 22dB (Class 4)
- 400 pairs/case
- 100 pairs/box

Model #	Description
HE 3M 340-8001	E-A-R Ultrafit 27 Uncorded
HE 3M 340-8002	E-A-R Ultrafit 27 Corded

**3M™ 1200 Reusable Earplugs**

- Reusable, No Roll-Down
- 18dB (Class 3)
- Corded - 500 pairs/case
- Corded - 100 pairs/box
- Corded with case - 250 pairs/case
- Corded with case - 50 pairs/box

Model #	Description
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HE 3M 1270	3M 1270 Earplugs Corded
HE 3M 1271	3M 1271 Earplugs Cased Corded

**3M™ Tri-Flange™ Earplugs**

- Moisture Resistant
- Reusable, No Roll-Down
- Vinyl or Cloth cord
- E-A-Rfit Testable
- 19dB (Class 3)
- 400 pairs/case
- 100 pairs/box

Model #	Description
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HE 3M P3000	3M Tri-Flange Corded
HE 3M P3001	3M Tri-Flange Cloth Corded

**3M™ Combat Arms 4.1 Earplug with dual mode attenuation**

- Reusable, No Roll-Down
- Dual Mode Rocker Switch
- Open Mode Pass Through
- Closed Mode Loud Impulse Noise
- Military, Law Enforcement Markets
- Open Mode - SLC80 9dB (Class 1)
- Closed Mode SLC80 12dB (Class 1)

Model #	Description
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HE 3M 370-1044	E-A-R Combat Arms 4.1, Small
HE 3M 370-1045	E-A-R Combat Arms 4.1, Medium
HE 3M 370-1046	E-A-R Combat Arms 4.1, Large

Glide® Trio w/ Cord

- Unique multi-curved stem rotates for a custom fit.
- Large handle on curved stem for easy insertion & removal.
- Cord can be attached at any desired length.

Product Code	Display Quantity	Case Quantity
6465	45 Pairs / Box	4 Boxes
6445	50 Pairs / Box	4 Boxes

Rockets® Uncorded w/ Pocket-Pak

Easy grip handle lets earplugs easily slip into ear. Air bubble in tip provides cushioned comfort. Earplugs can be washed and reused. Pocket-Pak® carrying case provides hygienic storage of plugs between uses. Available in corded, uncorded, and corded metal detectable models.

Product Code	Display Quantity	Case Quantity
6400	45 Pairs / Box	4 Boxes
6405	50 Pairs / Box	4 Boxes

Rockets® Metal Detectable Corded

Bright blue colour is perfect for food processing applications. Earplugs are corded to prevent earplug loss. Plugs and cord are independently detectable to promote confidence and safety.

Product Code	Display Quantity	Case Quantity
6415	50 Pairs / Box	4 Boxes

Hearing Band**Jazz Band®****Replacement Pods**

New, band pressure is reduced by 50%. Jazz Band is the ideal choice for intermittent usage. Hangs easily around neck with optional breakaway cord.

Product Code	Display Quantity	Case Quantity
6506	10 Bands / Box	5 Boxes
6504	5 Pairs 1 Neck Cord / Bag	50 Bags

3M™ Peltor™ X4 Series Earmuffs

Extremely lightweight, low-profile earmuffs for use in high-noise exposure situations.

Historically higher attenuating earmuffs meant larger and bulky cups, but no longer. The 3M™ PELTOR™ Earmuffs X4 can attenuate by as much as 31dB whilst maintaining a sleek, low profile aesthetically pleasing design. Using the same innovative technology, the 3M™ PELTOR™ X5 remains relatively lightweight with excellent balance and wearer comfort despite the larger cups, providing ratings as high as SLC80 35dB.

Features and Benefits:

- Comfort
- Easy to adjust headband
- Comes in electrically insulated (dielectric) and wire formats
- Twin headband design helps reduce heat build-up and provides a good fit and balance
- Earcups tilt for optimum comfort and efficiency
- Protection
- Unique attenuation as a result of optimum combination of specially-formulated foam featured in the earcups, cushions and the innovative spacer and cup design
- Newly designed spacer improves attenuation without excess bulk or weight
- Also available in helmet attached and neckband versions.
- Design
- Extremely lightweight (234g)
- Integrated design for more robustness
- Colour-coded for ease of selection
- Easy to clean
- Extremely slim design providing excellent compatibility with other 3M personal protection products

Model #	Description
HE 3M X4A	Headband Earmuffs X Series Light Green SLC80 31dB (Class 5)
HE 3M X4B	Neckband Earmuffs X Series Light Green SLC80 31dB (Class 5)
HE 3M X4P3GS/E	Helmet Attach Earmuffs X Series Light Green SLC80 27dB (Class 5)
HE 3M X4P5E/G	Helmet Attach Dielectric Earmuffs X Series Light Green SLC80 26dB (Class 5)
HE 3M HXY4	Replacement Hygiene Kit for X4 Earmuff Models



Earmuffs



3M™ Peltor™ H505B Welders Earmuffs
Low-profile design that fits comfortably under most welding helmets.

Model #	Description
HE 3M H505B	Black Neckband Format Earmuffs, Class 4 SLC80 22dB



3M™ Peltor™ H31 Low Profile Series
Bright orange coloured earcups for added visibility

Model #	Description
HE 3M H31P3AF	Earmuffs for M-Series Head Tops, M-100 = Class 3, M-300 = Class 4

Earmuffs



3M™ Peltor™ X5 Series Earmuffs
3M's highest attenuation earmuffs for very high-noise exposures

Model #	Description
HE 3M X5A	Headband Earmuffs X Series Black SLC80 35dB (Class 5)
HE 3M X5B	Neckband Earmuffs X Series Black SLC80 34dB (Class 5)
HE 3M X5P3GS/E	Helmet Attach Earmuffs X Series Black SLC80 31dB (Class 5)
HE 3M X5P5G/E	Helmet Attach Dielectric Earmuffs X Series Black SLC80 31dB (Class 5)
HE 3M HXX5	Replacement Hygiene Kit for X5 Earmuff Models



3M™ Peltor™ H10 Extreme Performance Series

Unique double-shell cup design provides high attenuation for eight-hour TWA noise exposures up to 105 dBA

Model #	Description
HE 3M H10A	Headband Earmuffs H Series Red/Black SLC80 33dB (Class 5)
HE 3M H10A HV	Headband Earmuffs H Series Hi Viz SLC80 33dB (Class 5)
HE 3M H10B	Neckband Earmuffs H Series Red/Black SLC80
HE 3M H10P3GS/E	Helmet Attach Earmuffs H Series Red/Black SLC80 33dB (Class 5)
HE 3M HY54	Replacement Hygiene Kit for H10 Series



3M™ Peltor™ H7 Deluxe Series
For eight-hour TWA noise exposures up to 101 dBA

Model #	Description
HE 3M H7A	Headband Earmuffs H Series Green SLC80 30dB (Class 5)
HE 3M H7B	Neckband Earmuffs H Series Green SLC80 28dB (Class 5)
HE 3M H7F	Folding Earmuffs H Series Green SLC80 31dB (Class 5)
HE 3M H7F HV	Headband Earmuffs H Series Neon Hi Viz SLC80 31dB (Class 5)
HE 3M H7P3GS/E	Helmet Attach Earmuffs H Series Yellow SLC80 30dB (Class 5)
HE 3M HY52	Replacement Hygiene Kit for H7 Series



3M™ Peltor™ H9 Select Performance Series

For eight-hour TWA noise exposures up to 98 dBA

Model #	Description
HE 3M H9A	Headband Earmuffs H Series Yellow SLC80 24dB (Class 4)
HE 3M H9B	Neckband Earmuffs H Series Yellow SLC80 24dB (Class 4)
HE 3M H9P3GS/E	Helmet Attach Earmuffs H Series Yellow SLC80 24dB (Class 4)
HE 3M HY5	Replacement Hygiene Kit for H9/H6 Series



3M™ Peltor™ H510 Kids Series

Designed for younger wearers, to protect against moderate levels of noise in everyday situations.

Model #	Description
HE 3M H510AK-442-GB	Neon Green Headband Format Earmuffs, SNR 27dB
HE 3M H510AK-442-RE	Neon Pink Headband Format Earmuffs, SNR 27dB

Communications

The safe way to be heard, and get things done.

Work never sounded this good.

There was a time when wearing hearing protectors meant being isolated and out of contact. Those days are over. Today, the 3M™ Peltor™ Brand of Products offers communication solutions that not only make your working day safer and more efficient, but also much smarter.

To be effective, a hearing protector should be used 100% of the time in noisy environments. Even taking it off for a short time dramatically reduces its effectiveness and greatly increases the risk of hearing damage. 3M™ Communication Solutions Products make it possible for your team to communicate more easily in high-noise areas.

Communication devices are key to both safety and productivity. Integrating a 3M Communication Solution in your work environment will help you communicate more clearly with co-workers while reducing your exposure to

potential hazardous noise. Feel free to contact us to discuss a solution to meet your specific needs.

Just what you want to hear.

Active control of incoming sounds from your surroundings lets you hear alarm signals and machines, while harmful levels of noise are filtered out by smart electronics.

Music to your ears.

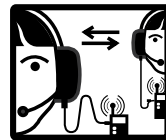
Communication with people around you involves using our level-dependent function for ambient listening systems. For longer distances, you have built-in two-way radios and Bluetooth® Connections to mobile phones. Meanwhile all communication options can also be combined with a sound system so you can listen to your favourite streamed music or pod radio, with first-class sound quality.

Function symbols

To help you understand the functionality of the products, below is an explanation of the symbols you will find on the products.



Hearing protection with built-in AM/FM radio



Hearing protection for communicating with external two-way radio



Hearing protection with built-in two-way radio



Hearing protection with external audio input







Hearing protection with level-dependent function for environmental listening limited to max 82 dB



Bluetooth® Connectivity

3M™ Peltor™ Smart Hearing Solutions

	Hearing Protection	Situational Awareness	Bluetooth®	In-built AM/FM radio	Noise Cancelling Mic	External audio input jack	In-built Two-way radio
3M™ Peltor™ WorkTunes™ Pro Headset Hearing protection that rocks! 	✓			✓		✓	
3M™ Peltor™ Wireless Bluetooth Accessory Stay on the zone while on the phone 	✓		✓		✓		
3M™ Peltor™ ProTac™ III Headset Just what you want to hear 	✓	✓				✓	
3M™ Peltor™ WS™Alert™ XPI Headset Mobile comms hub on the go 	✓	✓	✓	✓	✓		
3M™ Peltor™ LiteCom™ Series Headset The ultimate in hearing protection 	✓	✓			✓		✓

3M™ Peltor™ WS™ Alert™ XPI Headset

Multipoint bluetooth headset with noise cancelling microphone and situational awareness.

The 3M™ PELTOR™ WS™ ALERT™ XPI Headset is the next generation protective communication solution. With Bluetooth® wireless communication, noise-cancelling boom microphone, integrated FM Radio and level-dependent function for ambient listening, the WS™ ALERT™ XPI Headset not only helps protect you against hazardous noise, but also makes it easy to make phone calls with both hands free in noisy environments.

Features and Benefits:

- High attenuating hearing protector in two models: stand-alone headband or safety helmet attachment
- Bluetooth® MultiPoint Technology for connection to one or two external devices for hands-free talk and streaming Noise cancelling boom microphone for clear speech transmission in noisy environments
- Level-dependent function for ambient listening to help improve your situational awareness (limited to 82dB)
- Push-to-Listen feature to easily and instantaneously listen to your surroundings
- Built-in FM-Radio with radio volume limited to 82dB
- Voice guided menu system with announced FM-Radio frequencies
- Digital station search
- Ability to store up to 4 favourite stations
- Auto power off: The headset will turn off after 4 hrs of non-use to save battery
- Connectivity to Mobile App - Helps you to set up and navigate your headset via the 3M Connected Equipment Mobile App



*FM Radio only



Model #	Description
HE 3M MRX21A3WS6-AZ	3M Peltor WS Alert XPI APP, Headband Headset SLC80 30dB (Class 5)
HE 3M MRX21AP3EWS6-AZ	3M Peltor WS Alert XPI, Helmet Attach Headset, APP, SLC80 30dB (Class 5)
HE 3M HY82	Replacement Hygiene Kit for WS Alert XPI

3M™ PELTOR™ SportTac™ Hunting Folding Headband

- Electronic level dependent hearing protector designed for hunting and shooting.
- Approximately 600 hours operation time and uses the HY21 Hygiene Kit.



Model #	Description
HE 3M MT13H220P3E	Slim Headset, black, helmet attachment, Class 4 SLC80 24dB
HE 3M MT13H221P3E	Headset, black, helmet attachment, Class 5 SLC80 30dB
HE 3M MT13H220A	Slim Headset, black, headband, Class 5 SLC80 26dB
HE 3M MT13H221A	Headset, black, headband, Class 5 SLC80 32dB

3M™ PELTOR™ ProTac™ III Headset

The 3M™ PELTOR™ ProTac™ III hearing protector helps safeguard against harmful noise, whilst allowing ambient sounds to be heard at a level below 82dB. This attribute increases your situation awareness and ability to communicate with nearby colleagues, as well as hearing warning signals, approaching vehicles or sounds produced by machines and industrial processes.

- Built-in level-dependent function for situational awareness
- 3.5mm listen only input (two-way radio, mobile)
- Voice Guided Menu System
- Loud Impact Noise Suppression
- Auto Shut Off
- Standard Cup version and Slim cup version



Model #	Description
HE 3M MT16H210F-478-GN	3M™ Peltor™ Folding Headband, Level Dependent, Green/Orange SLC80 24db (Class 4)
HE 3M MT16H210F-478-RD	3M™ Peltor™ Folding Headband, Level Dependent, Red/Black SLC80 24db (Class 4)



3M™ Peltor™ Worktunes Pro AM/FM Radio Headset

- Dual shell designed to protect the electronic circuitry inside the cup
- 3.5mm jack: A listen-only stereo input to connect to a mobile phone, two-way radio or other external devices (limited to 82dB)
- 2 x AA batteries: Lasting for approx. 100 hours of use

Model #	Description
HE 3M HRXS221A	3M™ Peltor™ Worktunes Pro AM/FM Radio Headset, black, headband SLC80 32dB (Class 5)
HE 3M HRXS221P3E	3M™ Peltor™ Worktunes Pro AM/FM Radio Headset, black, helmet attachment SLC80 30dB (Class 5)



3M™ Peltor™ ProTac Hunter/Shooter Headset

- Dual shell designed to protect the electronic circuitry inside the cup
- 3.5mm jack: A listen-only stereo input to connect to a mobile phone, two-way radio or other external devices (limited to 82dB)
- 2 x AA batteries: Lasting for approx. 100 hours of use

Model #	Description
HE 3M MT13H222A	3M™ Peltor™ ProTac Hunter Headset, green, headband SLC80 26dB (Class 5)
HE 3M MT13H223A	3M™ Peltor™ ProTac Shooter Headset, green, headband SLC80 32dB (Class 5)



3M™ Peltor™ WS ProTac XPI Headset

The 3M Peltor™ WS Series ProTac XPI Headsets is an active-hearing protector that features Bluetooth® 4.2 technology. This enables work with both hands free while taking calls via two-way radio or mobile phones. The ambient listening function lets users hear surrounding noise and converse with colleagues.

- Bluetooth 4.2 including MultiPoint.
- New FLX2 flex jack (for -111 headsets)
- New noise cancelling water resistant speech microphone. Improved speech intelligibility and IP68 rated for use in noisy and demanding environments.
- Support for Bluetooth A2DP, streaming (selectable in Set-up mode).

Model #	Description
HE 3M MT15H7AWS6	3M™ Peltor™ WS™ ProTac XPI Headset, headband 32dB (Class 5)
HE 3M MT15H7P3EWS6	3M™ Peltor™ WS™ ProTac XPI Headset, helmet attachment 27dB (Class 5)
HE 3M MT15H7AWS6-111	3M™ Peltor™ WS™ ProTac XPI FLX2 Headset, headband 32dB (Class 5)
HE 3M MT15H7BWS6-111	3M™ Peltor™ WS™ ProTac XPI FLX2 Headset, neckband 29dB (Class 5)
HE 3M MT15H7P3EWS6-111	3M™ Peltor™ WS™ ProTac XPI FLX2 Headset, helmet attachment 27dB (Class 5)



3M™ Peltor™ Lite-Com Plus Headsets

The 3M Peltor™ LiteCom is a high-performance hearing protector with a built-in communication radio for wireless short-range communication with other LiteCom headsets and radios programmed on the same frequency. Operates on ISM 433 MHz frequency.

- Built in two-way radio communication
- 69 channels (LPD 433 MHz)
- Level dependent function for ambient listening
- Rechargeable lithium-ion battery with 20 hours operating time
- Voice operated transmission (VOX)
- Voice guided menu system

Model #	Description
HE 3M MT7H7A4310-AZ	Lite-Com™ Plus™, Two Way Headset 433MHz Headband 32dB (Class 5)
HE 3M MT7H7B4310-AZ	Lite-Com™ Plus™, Two Way Headset 433MHz Neckband 30dB (Class 5)
HE 3M MT7H7P3E4310-AZ	Lite-Com™ Plus™, Two Way Headset 433MHz Helmet 31dB (Class 5)

3M™ PELTOR™ FLX2 accessory

connectors

Detachable down lead connector system to suit a wide range of different cable options to match today's most common 2-way radios and wired solutions.



Model #	Description	H/Set
HE 3M FLX2-200	J11 Standard Cable	-110
HE 3M FLX2-201	for Ground Mech	-110
HE 3M FLX2-111	for Hytera DP7*	-111
HE 3M FLX2-35	for Icom angeld 2-pin	-111
HE 3M FLX2-44	for Icom F31/F41	-111
HE 3M FLX2-64	for Icom F34/F44	-111
HE 3M FLX2-36	for Kenwood 2-pin	-111
HE 3M FLX2-107-50	for Kenwood Multipin	-111
HE 3M FLX2-21	for Motorola GP300/DP1400	-111
HE 3M FLX2-32	for Motorola GP340	-111
HE 3M FLX2-65	for Motorola GP344	-111
HE 3M FLX2-18	for Motorola GP900	-111
HE 3M FLX2-63-50	for Motorola Mototrbo	-111
He 3M FLX2-101	for Sepura STP 8*/9*	-111
HE 3M FLX2-28	for Mobile/Dect phones	-111
HE 3M FLX2-202	3,5mm Stereo	-112
HE 3M FLX2-203	2,5mm Mono	-112
He 3M FLX2-204	1/4" Stereo	-112
HE 3M FLX2-205	3,5mm Mono	-112
HE 3M FLX2-208	3,5mm Threaded	-112



3M™ Peltor™

Bluetooth Wireless Accessory

Make and receive important calls without removing your hearing protection or leaving the noisy job site. Stay connected to the crew while operating a crane or other heavy equipment. Communicate without risking safety.

- Bluetooth® wireless technology
- Noise-cancelling microphone
- Clips on in place of hygiene kit
- 8 hours talk/streaming time
- Resistant to harsh environments (IP54)
- One-button operation
- Designed for X Series Earmuffs

Model #	Description
HE 3M WS-CUSH	3M™ PELTOR™ Wireless Communication Accessory designed for X Series Earmuffs

3M™ Peltor™ LiteCom Pro II Headsets

The LiteCom Pro II has an in-built short range UHF radio headset that's frequency programmable, designed for either stand alone or integration into industrial or other professional communication systems. It's intrinsically safe, and is ideal for oil and gas environments, as well as manufacturing and assembly line work.

- Built in Programmable Two-Way Radio
- Intrinsically Safe
- Level dependent function for ambient listening
- Rechargeable lithium-ion battery with 20 hours operating time
- Voice operated transmission (VOX)
- Voice guided menu system
- EARFit testing



Model #	Description
HE 3M MT7HF5010-AZ-50	Headband LiteCom Pro II Headset Two-Way Radio Comms Black SLC80 31dB (Class 5)
HE 3M MT7H7B5010-AZ-50	Neckband LiteCom Pro II Programmable Headset Two-Way Radio Comms Black SLC80 30dB (Class 5)
HE 3M MT7H7P3E5010-AZ-50	Helmet Attach LiteCom Pro II Programmable Headset Two-Way Radio Comms Black SLC80 31dB (Class 5)



3M™ PELTOR™ CH-3 Listen Only Headset

The 3M™ PELTOR™ CH-3 FLX2 Listen only Hearing Protector can enhance communication in noisy environments. Suitable for workers connected to 'listen only' their 2-way handheld radio, mobile or fixed systems.

- Bright yellow colour for enhanced visibility
- Detachable down lead FLX2 connector for high flexibility
- Improved speaker efficiency to fit today's digital device
- Newly designed headband



Model #	Description
HE 3M HT52A-112	CH-3 Listen Only Headset, Headband 31dB (Class 5)
HE 3M HT52B-112	CH-3 Listen Only Headset, Neckband 29dB (Class)
HE 3M HT52P3E-112	CH-3 Listen Only Headset, Helmet Attach. 30dB (Class 5)

3M™ PELTOR™ CH-3 Standard J11 Headset

CH-3 Headset is the solution for easy Push-To-Talk (PTT) where it's more convenient to have an external PTT on your chest to control your 2-way radio. Connects via a standard J11 cable to a PTT.

- Waterproof microphone (IP68)
- Bright yellow colour for enhanced visibility
- Detachable down lead FLX2 connector for high flexibility
- Improved speaker efficiency to fit today's digital device
- Newly designed headband



Model #	Description
HE 3M MT74H52A-110	CH-3 FLX2 J11 Headset, Headband 31dB (Class 5)
HE 3M MT74H52B-110	CH-3 FLX2 J11 Headset, Neckband 29dB (Class 5)
HE 3M MT74H52P3E-110	CH-3 FLX2 J11 Headset, Headband 30dB (Class 5)

3M™ PELTOR™ CH-3 Flex Headset with PTT

CH-3 Headset is the solution for easy Push-To-Talk (PTT) where it's more convenient to have an external PTT on your chest to control your 2-way radio. Connects via a standard J11 cable to a PTT.

- Waterproof microphone (IP68)
- Easy access PTT (Push-to-Talk) button on side of the cup
- Detachable down lead FLX2 connector for major 2 way radios
- Improved speaker efficiency to fit today's digital device
- Newly designed headband



Model #	Description
HE 3M MT74H52A-111	CH-3 FLX2 Headset with Built-In PTT, Headband 31dB (Class 5)
HE 3M MT74H52B-111	CH-3 FLX2 Headset with Built-In PTT, Neckband 29dB (Class 5)
HE 3M MT74H52P3E-111	CH-3 FLX2 Headset with Built-In PTT, Helmet Att. 30dB (Class 5)

3M™ Peltor™ CH-5 Ultra High Attenuation Headset

These 3M PELTOR headsets are intended to help provide protection against hazardous noise levels and very loud sounds. With new innovative technology and design, the CH-5 headset achieve a very high attenuation. A new water tight boom microphone (IP68) is also developed for this product which allows for operation in wet conditions. Easy to use and maintain.

Designed to be used in extreme military environments such as tanks (crew headsets), ground crew around fighter jets and helicopters together with 3M PELTOR PTT Adapters or direct to an intercom system.

- High attenuation on impact noise
- Highest noise attenuation in the market *
- Water tight microphone (IP68)
- Robust construction, easy to maintain

Model #	Description
HE 3M MT73H450A-38	Headset, Headband, Grey, J11 Peltor SLC 80 37dB (Class 5)
HE 3M MT73H450A-86	Headset, Headband, Grey, J11 NATO SLC 80 37dB (Class 5)
HE 3M MT73H450A-77 GB	Flex Headset, Headband, Hi-Vis, J11 Peltor SLC 80 37dB (Class 5)
HE 3M MT73H450P3E-77 GB	Flex Headset, Helmet, Hi-Vis, J11 Peltor SLC 80 37dB (Class 5)
HE 3M MT73H450A GB	Headset, Headband, Hi-Vis, J11 Peltor SLC 80 37dB (Class 5)
HE 3M MT73H450P3E GB	Headset, Helmet, Hi-Vis, J11 Peltor SLC 80 37dB (Class 5)



3M™ Peltor™ High Attenuation ATEX approved Headset

- Intrinsically safe to ATEX Class EEx ib IIC T4.
- Standard J11 connection.
- Uses HY79 Hygiene Kit

Model #	Description
HE 3M MT7H79F-50	Folding Headband 230ohm J11 SLC 80 31dB (Class 5)
HE 3M MT7H79B-50	Neckband 230ohm J11 SLC 80 26dB (Class 5)
HE 3M MT7H79P3E-50	Helmet 230ohm J11 SLC 80 29dB Class 5)

3M™ Peltor™ EEP-100 Electronic Earplug

The 3M™ PELTOR™ Electronic Earplug helps protect your hearing, and can help improve situational awareness and communications in challenging environments. The earpieces are rechargeable via a USB jack on the charging case providing storage of the earpieces when not being used.

The small and lightweight design makes it compatible with most head borne 3M Personal Safety Equipment (PPE), such as helmets and face shields.

- Hearing protection with interchangeable tips
- Level-dependent function (for situational awareness)
- Intuitive one-button operation
- Rechargeable
- Durable storage and charging case (IP54)
- Ultra Fit Eartips = SLC80 16 dB (Class 2)
- CCC-GRM-25 Eartips = SLC80 23 dB (Class 4)
- Skull Screw Eartips = SLC80 23 dB (Class 4)



Model #	Description
HE 3M EEP-100 EU	3M™ PELTOR™ Electronic Earplug, EEP-100 EU



3M™ Peltor™ TEP-200 Tactical Earplug

The 3M™ PELTOR™ Tactical Earplug helps protect your hearing, and can help improve situational awareness and communications in challenging environments. Integrated with level-dependent technology, the TEP-200 helps provide hearing protection in noise and situational awareness in quiet environments. Ear pieces also include a small antenna to allow audio signals to be received wirelessly from a neckloop accessory (sold separately).

- Allow audio signals to be received wirelessly from a neckloop accessory
- Hearing protection with interchangeable tips
- Level-dependent function (for situational awareness)
- Intuitive one-button operation
- Rechargeable through storage and portable charging case (IP67)
- Ultra Fit Eartips = SLC80 16 dB (Class 2)
- CCC-GRM-25 Eartips = SLC80 23 dB (Class 4)
- Skull Screw Eartips = SLC80 23 dB (Class 4)

Model #	Description
HE 3M TEP-200	TEP-200 Tactical Earplug Kit
HE 3M TEP-LOOP-200	Wireless Neckloop Accessory

SM and SP Series

Smart Series for High Noise Environments

Sensear's SM and SP Series are the next generation of industrial communication headsets. Unlike other noise cancelling headsets, workers can now communicate face-to-face as well as through Bluetooth, two-way radio and headset to headset, via Sensear Short Range. The innovative SENS® technology allows users to remain aware of surrounding noise and hazards while protecting hearing.

Sensear's industry changing SENS® technology simultaneously combines speech enhancement with noise suppression to deliver a total noise communications protection solution by recognizing the different properties of speech and background noise. SENS® enables users to remain aware of their surroundings communicate in noisy environments and protect their hearing from harmful noise.

Sensear Product Comparison Matrix										
Sen Sensear Smart Headsets sear Smart Headsets										
	SM1R	SM1RIS	SM1B	SM1BIS	SM1P02	SM1P02-IS	SM1P02-ISDP	SM1P02-EX	SM1P02-EXDP	
FEATURES	SENS® (Speech Enhancement, Noise Suppression)	✓	✓	✓	✓	✓	✓	✓	✓	✓
	360° Situational Awareness (quad mic)	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Face-to-face communication (quad mic)	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Noise Cancelling Boom Microphone	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Two-Way Radio Connection (Hard-Wired Cable)	✓	✓	✓	✓					
	Two-Way Radio Connection (Removable Cable)					✓	✓	✓	✓	✓
	Two-Way Radio Connection (Bluetooth)					✓	✓	✓	✓	✓
	Cellular LTE Voice/Audio Strteaming (Bluetooth)					✓	✓	✓	✓	✓
	FM Short Range with VOX (8 channels)					✓	✓	✓	✓	✓
	Intrinsic Safety (TIA, CSA, UL Certified)		✓		✓		✓	✓	✓	✓
	ATEX, IECEX, CSA, UL Certified								✓	✓
	Double Protection (Ear muffs & plugs)							✓		✓
	Radio Powered	✓	✓							
	Battery Powered (Built-in Li-ION battery)			✓	✓	✓	✓	✓	✓	✓
	Electronic Volume Limiter (82 dB programmable)	✓	✓	✓	✓	✓	✓	✓	✓	✓
NRR / SNR / Class 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Free delivery within Australia and New Zealand	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Sensear Part Number									
STYLE	Headband	SM1R001	SM1RISB1	SM1BB001	SM1BBIS01	SM1PB002	SM1PBIS02	SM1PBISDP02	SM1PBEX02	SM1PBEXDP02
	Behind-the-Neck	SM1RE001	SM1RISE1	SM1BE001	SM1BEIS01	SM1PE002	SM1PEIS02	SM1PEISDP02	SM1PEEX02	SM1PEEXDP02
	Helmet	SM1RH001	SM1RISH1	SM1BH001	SM1BHS01	SM1PH002	SM1PHIS02	SM1PHISDP02	SM1PHEX02	SM1PHEXDP02

Sensear In-Ear SmartPlugs					
	SmartPlug Basic	SmartPlug Pro	SmartPlug Radio Powered	SmartPlug IS Radio Powered	
FEATURES	SENS® (Speech Enhancement, Noise Suppression)	✓	✓	✓	✓
	360° Situational Awareness (quad mic)	✓	✓	✓	✓
	face-to-face communication (quad mic)	✓	✓	✓	✓
	In-Ear Microphone	✓	✓	✓	✓
	Two-Way Radio Connection (Cabled)	✓	✓	✓	✓
	Two-Way Radio Connection (Bluetooth)		✓		
	Cellular LTE Voice/Audio Strteaming (Bluetooth)		✓		
	FM Short Range with VOX (8 channels)		✓		
	Intrinsic Safety (TIA, CSA, UL Certified)				✓
	Radio Powered			✓	✓
	Battery Powered (Built-in Li-ION battery)	✓	✓		
	Electronic Volume Limiter (82 dB programmable)	✓	✓	✓	✓
	NRR / SNR / Class 5	✓	✓	✓	✓
	Free delivery within Australia and New Zealand	✓	✓	✓	✓
		Sensear Part Number			
	SMPLUG03	SMPLUG030001	SMPLUGR1	SMPLUGR10001	





Speech Enhancement Noise Suppression



Two-way Radios



3600 Situational Awareness



Face to Face Communication



Electronic Volume Limiter



Intrinsic Safety

SMIB02 Series

The SMIB02 provides essential features and benefits to improve safety, reliability, and efficiency. Sensear's new industrial headset platform offers a robust design adhering to higher noise reduction standards. These headsets use Sensear's SENS® technology to enhance speech and suppress noise while the noise-canceling boom mic filters out background noises so that only speech is transmitted through the microphone. The SMIB02 series is available as Intrinsically Safe versions for use in Hazardous Environments

FEATURES AND BENEFITS

- Clear two way radio communication in high-noise environment
- Limit 'in-ear' exposure to 82 dB(A)
- Upgraded 24 hour battery life for use in multiple shifts
- Available in headband, behind-the-neck, and helmet style
- SENS® Technology - remain aware of surrounding noises and hazards
- Enhances speech while suppressing background noise to a safe level
- Noise-canceling boom mic
- Intrinsically safe SMIB-IS series certified to: TIA-4950-A, CSA C22.2 No. 157.92, & UL 913 5th Edition with a hazardous location rating of Class I, II, III, Division 1 & 2, Groups A - G, T4 -20°C to +40°C, T3C -20°C to +50°C



Speech Enhancement Noise Suppression



Short Range Communication



3600 Situational Awareness



Cellular Bluetooth



Face to Face Communication



Electronic Volume Limiter



Two-way Radios

Intrinsic Safety

SMIP02 Series









The SMIP02 provides essential features and benefits to improve safety, reliability, and efficiency. Sensear's new industrial headset platform offers a robust design adhering to higher noise reduction standards. These headsets use Sensear's SENS® technology to enhance speech and suppress noise while the noise-canceling boom mic filters out background noises so that clear speech is transmitted through the microphone. SMIP's upgraded Bluetooth® module also allows for the streaming of audio to the headset. The new cable connection at ear cup allows you to use it as a wired headset along with Bluetooth and Short Range or unplug the cable and use it as a completely wireless headset via Bluetooth and Short Range. Intrinsically Safe versions are available for use in Hazardous Environments

FEATURES AND BENEFITS

- Clear two-way radio communication in high-noise environments
- Bluetooth cellular connection for conversation and audio streaming
- Limit 'in-ear' exposure to 82 dB(A)
- Compatible with leading two-way radios via removable wired connection or Bluetooth
- Improved Short Range with VOX capabilities and additional channel banks
- FM Radio enable/disable: Allows users to listen to commercial FM Radio stations
- Upgraded battery life (up to 24 hours) for use in multiple shifts
- Available in headband, behind-the-neck, and helmet style
- SENS® Technology - remain aware of surrounding noises and hazards
- Enhances speech while suppressing background noise to a safe level
- Noise-canceling boom mic
- Intrinsically safe SMIPIS series certified to: TIA-4950-A, CSA C22.2 No. 157.92, & UL 913 5th Edition with a hazardous location rating of Class I, II, III, Division 1 & 2, Groups A - G, T4 -20°C to +40°C, T3C -20°C to +50°C





	Speech Enhancement Noise Suppression		Face to Face Communication
	Short Range Communication		Electronic Volume Limiter
	3600 Situational Awareness		Two-way Radios
	Cellular Bluetooth		Intrinsic Safety









SMIP02-Ex Series

Be the productivity and safety leader in your industry with our unique and innovative SENS® Technology providing hearing protection, 360° situational awareness and total communication (face-to-face, two-way radio, Bluetooth and Short-Range Headset-to-headset). The SMIP02-Ex provides essential features and benefits to improve safety, reliability, and efficiency in high noise and hazardous work environments. These headsets use Sensear's SENS® technology to enhance speech and suppress noise while the noise-canceling boom mic filters out background noise so that clear speech is transmitted through the microphone. SMIP02-Ex's upgraded Bluetooth® module also allows for the streaming of audio to the headset. The new cable connection at ear cup allows you to use it as a wired headset along with Bluetooth and Short Range or unplug the cable and use it as a completely wireless headset via Bluetooth and Short Range. The SMIP02-Ex series is Intrinsically Safe certified to ATEX and IECEx standards for use in Hazardous Environments

FEATURES AND BENEFITS

- Clear two-way radio communication in high-noise environments
- Compatible with leading two-way radios via removable wired connection or Bluetooth
- Bluetooth cellular connection for conversation and audio streaming (HFP, HSP and A2DP profiles)
- Improved Short Range with VOX capabilities and additional channel banks for headset-to-headset communications
- FM Radio enable/disable: Ability to listen to commercial FM Radio stations
- Upgraded battery life (up to 24 hours) for use in multiple shifts
- SENS® Technology - remain aware of surrounding noises and hazards
- 360° situational awareness
- Enhances speech while suppressing background noise to a safe level
- Face-to-face communication in high noise
- Limit 'in-ear' exposure to 82 dB(A)
- Noise-canceling boom mic
- Available in headband, behind-the-neck, and helmet style
- NRR 23-27 dB / SNR 30-33 dB / SLC80 26-31 dB, Class 5.
- Intrinsically safe SMIP-Ex series ATEX & IECEx approved. Certified to: II 2G Ex ib IIC T4 Gb (-20°C + Ta + 40°C), II 2D Ex ib IIC T155°C Db (-20°C + Ta + 40°C) I M1 Ex ia I Ma (-20°C + Ta + 60°C) and Class I Division 1 Groups A-D, T4 (-20°C + Ta + 40°C); Class 1 Zone 1 AEx ib T4 Gb (-20°C + Ta + 40°C); Class I Zone 21 AEx ib IIC T155°C Db (-20°C + Ta + 40°C)
- Intrinsically safe SMIP-Ex series UL & CSA approved. Certified to: Class I, II, III, Division 1 & 2 Groups A-G, T4 (-20°C + Ta + 40°C); T3C (-20°C + Ta + 50°C) certified to: TIA-4950-A, CSA C22.2 No. 157.92, & UL 913 5th Edition with a hazardous location rating of Class I, II, III, Division 1 & 2, Groups A - G, T4 -20°C to +40°C, T3C -20°C to +50°C



	Speech Enhancement Noise Suppression		Face to Face Communication
	Short Range Communication		Electronic Volume Limiter
	3600 Situational Awareness		Two-way Radios
	Cellular Bluetooth		Intrinsic Safety

SMIP02-Ex Series

Be the productivity and safety leader in your industry with our unique and innovative SENS® Technology providing hearing protection, 360° situational awareness and total communication (face-to-face, two-way radio, Bluetooth and Short-Range Headset-to-headset). The SMIP02-Ex provides essential features and benefits to improve safety, reliability, and efficiency in high noise and hazardous work environments. These headsets use Sensear's SENS® technology to enhance speech and suppress noise while the noise-canceling boom mic filters out background noise so that clear speech is transmitted through the microphone. SMIP02-Ex's upgraded Bluetooth® module also allows for the streaming of audio to the headset. The new cable connection at ear cup allows you to use it as a wired headset along with Bluetooth and Short Range or unplug the cable and use it as a completely wireless headset via Bluetooth and Short Range. The SMIP02-Ex series is Intrinsically Safe certified to ATEX and IECEx standards for use in Hazardous Environments

FEATURES AND BENEFITS

- Clear two-way radio communication in high-noise environments
- Compatible with leading two-way radios via removable wired connection or Bluetooth
- Bluetooth cellular connection for conversation and audio streaming (HFP, HSP and A2DP profiles)
- Improved Short Range with VOX capabilities and additional channel banks for headset-to-headset communications
- FM Radio enable/disable: Ability to listen to commercial FM Radio stations
- Upgraded battery life (up to 24 hours) for use in multiple shifts
- SENS® Technology - remain aware of surrounding noises and hazards
- 360° situational awareness
- Enhances speech while suppressing background noise to a safe level
- Face-to-face communication in high noise
- Limit 'in-ear' exposure to 82 dB(A)
- Noise-canceling boom mic
- Available in headband, behind-the-neck, and helmet style
- NRR 23-27 dB / SNR 30-33 dB / SLC80 26-31 dB, Class 5.
- Intrinsically safe SMIP-Ex series ATEX & IECEx approved. Certified to: II 2G Ex ib IIC T4 Gb (-20°C + Ta + 40°C), II 2D Ex ib IIC T155°C Db (-20°C + Ta + 40°C) I M1 Ex ia I Ma (-20°C + Ta + 60°C) and Class I Division 1 Groups A-D, T4 (-20°C + Ta + 40°C); Class 1 Zone 1 AEx ib T4 Gb (-20°C + Ta + 40°C); Class I Zone 21 AEx ib IIC T155°C Db (-20°C + Ta + 40°C)
- Intrinsically safe SMIP-Ex series UL & CSA approved. Certified to: Class I, II, III, Division 1 & 2 Groups A-G, T4 (-20°C + Ta + 40°C); T3C (-20°C + Ta + 50°C) certified to: TIA-4950-A, CSA C22.2 No. 157.92, & UL 913 5th Edition with a hazardous location rating of Class I, II, III, Division 1 & 2, Groups A - G, T4 -20°C to +40°C, T3C -20°C to +50°C



Speech Enhancement Noise Suppression



Short Range Communication



3600 Situational Awareness



Cellular Bluetooth



Face to Face Communication



Electronic Volume Limiter



Two-way Radios



Intrinsic Safety

SMIP02ISDP Series

Sensear's SMIP02 ISDP Smart Headset is the total high noise communication solution for Intrinsically Safe Environments. Dual hearing protection (both earplugs and headsets) is often required where noise exposure may exceed 95 dB. In many critical working areas, operators in these environments are required to use two-way radios to hear and respond to site communications. Without the use of an appropriate intrinsically safe headset, communications on site can be very difficult. The SMIP ISDP provides essential features and benefits to improve safety, reliability, and efficiency. Sensear's new industrial headset platform combined with Dual Protection for Extreme Noise and Intrinsic Safety for Hazardous Environments offers a robust design and some of the highest noise reduction standards. These headsets use Sensear's SENS® technology to enhance speech and suppress noise while the noise-cancelling boom mic filters out background noise so that clear speech is transmitted through the microphone. SMIP's upgraded Bluetooth® module also allows for the streaming of audio to the headset. The new cable connection at ear cup allows you to use it as a wired headset along with Bluetooth and Short Range or unplug the cable and use it as a completely wireless headset via Bluetooth and Short Range.

FEATURES AND BENEFITS

- Clear two-way radio communication in extreme high-noise environments
- Bluetooth cellular connection for conversation and audio streaming
- Limit 'in-ear' exposure to 82 dB(A)
- Up to 31dB (NRR) Noise Reduction Rating
- Compatible with leading two-way radios via removable wired connection or Bluetooth
- Improved Short Range with VOX capabilities and additional channel banks
- FM Radio enable/disable: Allows users to listen to commercial FM Radio stations
- Upgraded battery life (up to 24 hours) for use in multiple shifts
- Available in headband, behind-the-neck, and helmet style
- SENS® Technology - remain aware of surrounding noises and hazards
- Enhances speech while suppressing background noise to a safe level
- Noise-cancelling boom mic
- Intrinsically safe SMIP ISDP series certified to: TIA-4950-A, CSA C22.2 No. 157.92, & UL 913 5th Edition with a hazardous location rating of Class I, II, III, Division 1 & 2, Groups A - G, T4 -20°C to +40°C, T3C -20°C to +50°C location rating of Class I, II, III, Division 1 & 2, Groups A - G, T4 -20°C to +40°C, T3C -20°C to +50°C



Speech Enhancement Noise Suppression



Short Range Communication



3600 Situational Awareness



Cellular Bluetooth



Face to Face Communication



Electronic Volume Limiter



Two-way Radios



Intrinsic Safety

SMIR Series

The SMIR series is an industrial headset built specifically to enhance two-way radio communication in high-noise environments. The headset is unique from the rest of Sensear's portfolio in that it contains no battery and instead is powered by the two-way radio, making the unit lighter and more comfortable for the user. Similar to the rest of Sensear's portfolio, the headset pairs Sensear's patented SENS® technology and a noise-cancelling boom mic to allow users in high-noise environments to communicate either via face-to-face or two-way radios while maintaining 360° audible awareness of their surroundings and protecting their hearing.

The SMIR-IS series is available as Intrinsically Safe versions for use in Hazardous Environments.

FEATURES AND BENEFITS

- Clear two-way radio communication in high-noise environment
- Limit 'in-ear' exposure to 82 dB(A)
- Connects to all industry leading two-way radios via wired connection
- No battery in headset, unit is powered by the radio, making the headset lighter and more comfortable
- Available in headband, behind-the-neck, and helmet style
- SENS® Technology - remain aware of surrounding noises and hazards
- Enhances speech while suppressing background noise to a safe level
- Noise-cancelling boom mic
- VOX capable
- Intrinsically safe SMIR-IS series certified to: TIA-4950-A, CSA C22.2 No. 157.92, & UL 913 5th Edition with a hazardous location rating of Class I, II, III, Division 1 & 2, Groups A - G, T4 -20°C to +40°C, T3C -20°C to +50°C

SmartGroup

A Smart Solution for High Noise Tours and Training

Sensear's Smart Group products are an industry leading solution for companies who carry out facility, factory and plant tours and training in noisy environments. The tour guide and participants will benefit from the face-to-face and short range (headset-to-headset) communication

capabilities as well as protecting their hearing at the same time. This is achieved through Sensear's industry-leading SENS® technology that enhances speech and suppresses background noise so users can communicate safely and effectively in noisy environments.



Face to Face
Communication



Speech Enhancement
Noise Suppression



3600
Situational
Awareness



Electronic
Volume Limiter

Leaders and Students Both Talk



Leaders Talk - Students Listen Only



Features and Benefits:

- SENS® Technology - remain aware of surrounding noises and hazards
- Enhances speech while suppressing background noise to a safe level
- Limit 'in-ear' exposure to 82 dB(A)
- Face to face communication
- Headsets with Noise-Canceling Boom Mics - VOX capable
- Upgraded 24 hour battery life for use in multiple shifts
- Available in headband, behind-the-neck, and helmet style



Speech Enhancement Noise Suppression



Face to Face Communication



360° Situational Awareness



Two-way Radio Interface



Two-way Radios



Electronic Volume Limiter

SP1P Series

The SP1P is an innovative all-in-one solution for lightweight hearing protection. In addition to enabling two-way radio communications in high-noise environments, the SP1P utilizes Bluetooth® technology for wireless communication and built-in Short Range radio for headset-to-headset communication. The SP1P also features a high-performing digital VOX function for an exceptional hands-free experience. Similar to the rest of Sensear's portfolio, the SP1P pairs Sensear's patented **SENS**™ technology and noise-suppression microphones to allow users in high-noise environments to communicate, while maintaining 360° audible awareness of your surroundings and protecting your hearing. The SP1P has the option of in-ear plugs with an in-ear microphone or a lightweight heavy-duty headset with in-ear plugs and an external noise-canceling boom microphone

FEATURES AND BENEFITS

- Detachable ear piece assembly with two options (earplugs with in-ear mic or Lt Wt headset with earplugs and a noise canceling boom mic.)
- **SENS**™ Technology (face-to-face communication and 360° situational awareness)
- Disposable foam or silicone ear tip options for user comfort
- 82 dB(A) in-Ear volume limiter
- Rechargeable battery with 15-hr life
- Communication: Bluetooth®, Two-Way Radio, and Short-Range (headset-to-headset)
- Rugged design with belt clip for ease of wear
- Smart Inline PTT allowing for easy triggering of communication functions
- Auto-configuration based on connected devices
- USB for programming allows simple configuration
- In-ear mic option, ideal for use with respirators and breathing protection devices
- Noise Reduction Rating of up to 31 dB NRR



Speech Enhancement Noise Suppression



Face to Face Communication



360° Situational Awareness



Cellular Bluetooth



Two-way Radios



Short Range Communication



Electronic Volume Limiter

SP1R Series

The SP1R is a completely redesigned in-ear hearing protection and communication solution in a small and compact yet rugged package, built specifically to enhance two-way radio communications in high-noise environments and is powered by your two-way radio, thus eliminating the need for a battery inside the unit. Similar to the rest of Sensear's portfolio, the SP1R pairs Sensear's patented **SENS**™ technology and noise-suppression microphones to allow users in high-noise environments to communicate either via face-to-face or via two-way radios, while maintaining 360° audible awareness of your surroundings and protecting your hearing. The SP1R has the option of in-ear earplugs with an in-ear microphone (no boom mic.) or a light weight heavy-duty headset with in-ear plugs and an external noise cancelling boom microphone. The SP1R has an intrinsically safe option with UL and CSA certifications.

FEATURES AND BENEFITS

- Small compact design built into larger ergonomic Push To Talk button
- Detachable ear piece assembly with two options (earplugs with in-ear mic or Lt Wt headset with earplugs and a noise canceling boom mic.)
- **SENS**™ Technology (face-to-face communication and 360° situational awareness)
- Disposable foam or silicone ear tip options for user comfort
- 82 dB(A) in-Ear volume limiter
- Clear two way radio communication in high-noise environments
- Connects to many industry leading 2-way radios via wired connection
- No battery, unit is powered by the radio
- The in-ear mic option is ideal for use with respirators and breathing protection devices
- Noise Reduction Rating of up to 31 dB NRR
- Intrinsically Safe (IS) with UL and CSA certifications

Get results you can trust

The E-A-Rfit™ Dual-Ear Validation System measures the effectiveness of the hearing protection from inside the employee's ear, providing accurate, quantitative results. And because you can simultaneously test both ears, you'll have more time to educate employees on the importance of fit and compliance.



1 Fit.

Have the employee insert their earplugs or put on their earmuffs.

2 Test.

Connect to microphones and begin speaker test sound.

3 Assess.

Use PAR to customize hearing protector selection.

The challenge of hearing protection.

How do you know if your workforce is protected?

Protecting workers from hazardous noise levels is an ongoing challenge for many organizations. One of the most commonly recorded occupational illnesses in the manufacturing sector is permanent hearing loss. The success of your safety program depends on many factors and requires more than just offering hearing protection.

Individual Fit Testing Using F-MIRE.

Using F-MIRE (Field Microphone-In-Real-Ear) technology, the E-A-Rfit™ Dual-Ear Validation System generates a Personal Attenuation Rating (PAR) less than 5 seconds for both ears, taking into account the seven standard measured testing frequencies.

- Measures how well 3M's most popular earplugs, earmuffs and communications headsets perform
- Delivers a quantitative measurement of personal noise reduction for each employee
- Can help identify whether or not the employee has adequate protection



These earplug styles cover fit validation testing for more than 90 different 3M earplug and earmuff products.



E-A-Rsoft™
Yellow Neons™ Large



E-A-Rsoft™ Yellow Neons™



UltraFit™



Push-Ins™



Classic™



E-Z-Fit™



TaperFit™



Classic™ Small



Express™



Classic™ Plus™



1100



Tri-Flange™



Skull Screws™



No-Touch™



Push-Ins™ with Grip Ring



E-A-Rsoft™ FX™



393-3001-2



393-3005-2

Model #	Description
HE 3M 393-2000-50	3M™ E-A-Rsoft™ Yellow Neons™ Probed Test Plugs 50 PR/Case (5 bags of 10 pair each)
HE 3M 393-2001-50	3M™ E-A-R™ UltraFit™ Probed Test Plugs 50 EA/Case (5 bags of 10 pair each)
HE 3M 393-2002-50	3M™ E-A-R™ Push-Ins™ Probed Test Plugs 50 PR/Case (5 bags of 10 pair each)
HE 3M 393-2003-50	3M™ E-A-R™ Classic™ Probed Test Plugs 50 PR/Case (5 bags of 10 pair each)
HE 3M 393-2004-50	3M™ E-A-Rsoft™ FX™ Probed Test Plug 50 PR/Case (5 bags of 10 pair each)
HE 3M 393-2006-50	3M™ E-A-R™ TaperFit™ 2 Probed Test Plug 50 PR/Case (5 bags of 10 pair each)
HE 3M 393-2007-50	3M™ Classic™ Small Probed Test Plug 50 PR/Case (5 bags of 10 pair each)
HE 3M 393-2008-50	3M™ E-A-R™ Express™ Pod Plugs™ Probed Test Plug 50 PR/Case (5 bags of 10 pair each)
HE 3M 393-2010-50	3M™ 1100 Test Plug 50 PR/Case (5 bags of 10 pair each)
HE 3M 393-2011-50	3M™ Tri-Flange™ Probed Test Plug 50 PR/Case (5 bags of 10 pair each)
HE 3M 393-2012-50	3M™ Skull Screws™ Probed Test Plug 50 PR/Case (5 bags of 10 pair each)
HE 3M 393-2013-50	3M™ No Touch™ Probed Test Plug 50 PR/Case (5 bags of 10 pair each)
HE 3M 393-2014-50	3M™ E-A-Rsoft™ Yellow Neons™ Large Probed Test Plug 50 PR/Case (5 bags of 10 pair each)
HE 3M 393-2015-50	3M™ E-A-R™ Push-Ins™ with Grip Rings Probed Test Plug 50 PR/Case (5 bags of 10 pair each)
HE 3M 393-3004-2	3M™ PELTOR™ Earmuff Probed Test Cushion A Optime III 2EA/Case (2 pair each per case)
HE 3M 393-3001-2	3M™ PELTOR™ Earmuff Probed Test Cushion B Optime I/II, Peltor Comms 2EA/Case (2 pair each per case)
HE 3M 393-3005-2	3M™ PELTOR™ Earmuff Probed Test Cushion D X4/X5 2EA/Case (2 pair each per case)
HE 3M 393-1100	3M™ E-A-Rfit™ Dual-Ear Validation System
HE 3M 073-781	3M™ E-A-Rfit™ Dual-Ear, Microphone Assembly



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Supporting Better Products

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