



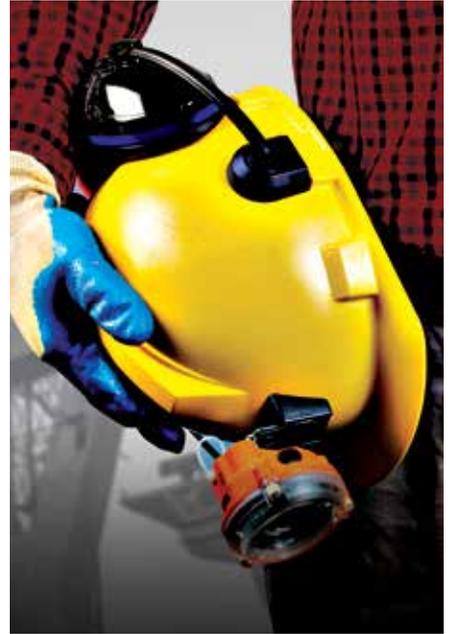
HEARING PROTECTION

www.pipcanada.ca

DYNAMIC, THE REFERENCED LEADER FOR PPE IN CANADA, IS NOW A PROUD PART OF THE PIP GLOBAL FAMILY

Protective Industrial Products, Inc. (PIP) was initially established in 1984 as a supplier of work gloves. Today we are a global provider of a vast array of consumable personal protective equipment to multiple industries and channels of distribution.

Our Dynamic branded safety equipment are proudly made to meet all the safety regulations and/or standards required in Canada, the United States, Europe and Latin America. These products must be certified by multiple certification bodies such as CSA, ANSI, CE, NIOSH and when permitted, we are proud to display these logos on our products. This ensures that you can place your trust in products that meet the highest possible standards of quality.



PRODUCTS & PROGRAMS THAT SUPPORT YOUR BUSINESS OBJECTIVES

Our manufacturing facilities in Canada are committed to bringing to market products that provide the best possible comfort, fit, and value. But bringing you the best doesn't stop there. Our dedicated team of product managers and specialists have over 100 years of collective experience, ensuring that you receive expert support and enabling you to conduct trainings and risk assessment in the workplace, in addition to



helping your safety committee select the proper PPE. Furthermore, we are continuously developing our website that is second to none, thanks to powerful yet intuitive tools such as our product selector and 3SP™ assessment.

At PIP Canada we strive to design and produce the best PPE in the market, and make sure that all employees arrive home safe and sound everyday.



**BRINGING THE
BEST OF THE WORLD
TO YOU®**

Hearing Protection

REMEMBER: VALUE FOLLOWS INNOVATION

The polyurethane foam used to manufacture our plugs consists of an optimized mixture ratio. The foam cell structures and homogeneity undergo regular stringent testing. This consistency, along with our manufacturing know-how, allows our earplugs to have noticeably improved recovery time and clamping pressure.

TESTS AND STANDARDS

All Dynamic hearing protection products comply with EPA standards and have been tested in accordance with ANSI S3.19-1974 and Canadian Class A (L) regulations.

DYNAMIC - GRIP TECHNOLOGY

- ▶ Pleasant and comfortable fitting because of an optimal configuration within the ear canal. Perfect attenuation due to a soft canal sealing.
- ▶ Linear attenuation = recognition of important signals.
- ▶ Wearer is not isolated (they can still communicate).
- ▶ No distortion of sound characteristics.

ABSORPTION FIGURES

The significant advantages of Dynamic earplugs include their outstanding absorption and real comfort thanks to the unique cellular structure of the plug.

ALL EARS WHEN IT COMES TO SAFETY

Choosing the right product using the NRR method.

Goal = Noise Level - NRR Value

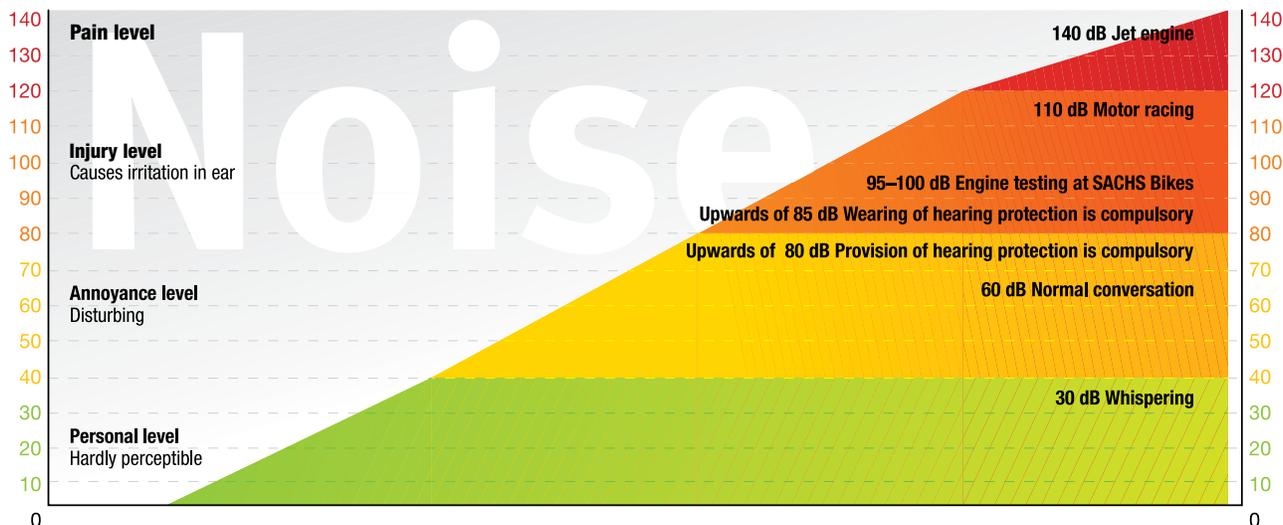
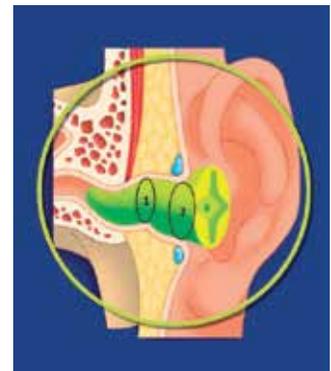
EX: Car Racing Noise Level 110 dB(A)

Chosen Product:

NP101 "DYNA-FIT" NRR 32 dB

Result = 78 dB

The optimum value with hearing protection is between 70 and 80 dB.



HEARING PROTECTION

As one of the leading manufacturers of personal protective equipment we would like to make sure that Canadian workers are aware of the need to protect their hearing. Loss of hearing is a gradual process, yet we seldom if ever are conscious of deterioration until it is too late. Workplace noise can easily be compounded by factors within our everyday environment, such as traffic, domestic machinery, gadgets and loud music. All of which contribute to the invisible problem of impaired and irreversible loss of hearing. It is a fact that threats to our hearing are largely invisible that should force us to address them positively and continuously.

Long-term damage does not normally become apparent until about 10 to 20 years later. Together, we have an opportunity and an obligation to educate people who are at risk due to workplace noise and to provide them with the very best, most comfortable safety solutions.

DYNA-FIT Disposable Earplugs

MEETS ANSI S3.19-1974 REGULATION & CANADIAN CLASS A(L) STANDARDS

- ▶ Excellent protection – Very high absorption level
- ▶ Excellent sound – Top voice recognition
- ▶ Excellent fit – Very comfortable to wear
- ▶ Ergonomically shaped

Disposable earplugs are characterized by very high sound absorption levels, making them suitable for use in very loud environments. The DYNA-FIT foam earplug has a sealed surface, preventing foreign bodies from penetrating the plug. The soft foam offers real comfort, even when worn for extended periods.

The “X” embossed in the end of the plug makes it easy to remove while simultaneously reducing the pressure on the outer wall of the ear canal.

Model:	NP101
Color:	Red - Cordless
Packaging:	1 pair per bag 200 bags per dispenser box 10 dispenser boxes per case

Model:	NP101C
Color:	Red – with cord
Packaging:	1 pair per bag 100 bags per dispenser box 10 dispenser boxes per case



SNR: 37 dB			H: 36 dB	M: 34 dB	L: 34 dB			
Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation dB	35.3	38.4	39.3	40.8	38.9	37.8	45.9	45.1
Standard Deviation dB	4.2	6.3	5.3	5.5	5.5	4.3	3.9	4.6
Assumed Protection dB (APV)	31.1	32.1	34.0	35.3	33.4	33.5	42.0	40.5

NRR: 32 dB	CSA Class A(L) Standards / ANSI S3.19-1974 Regulations								
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation dB	39.9	41.8	42.3	38.2	35.6	42.1	43.9	46.8	47.1
Standard Deviation dB	4.2	4.4	3.7	2.4	2.2	2.3	2.8	4.1	3.2
Assumed Protection dB (APV)	31.5	33.0	34.9	33.4	31.2	37.5	38.3	38.6	40.7

FEATURES	ADVANTAGES	BENEFITS
Tapered	Fits the natural contour of the ear canal	Light & comfortable with a secure fit, provides optimum performance and protection
X-Emboss	Less material at the entrance of the ear canal	Reduces expansion pressure for optimal comfort during all-day usage
High Attenuation	Superior and immediate noise reduction	Minimizes disturbance and unpleasant noise levels
Compatible with other personal protective equipment	Allows the user to wear all necessary protection & equipment needed in their work situation	Improved conformity to safety requirements
Soft PU foam	Slow expansion to perfectly fit the size and form of the ear canal	Increased hygiene, maximum performance, long wearing comfort

IDEAL FOR USE IN WORKSHOPS, MANUFACTURING, CONSTRUCTION AND OTHER WORK ENVIRONMENTS.

DYNA-FIT DETECT Disposable & Detectable Earplugs

MEETS ANSI S3.19-1974 REGULATION & CANADIAN CLASS A(L) STANDARDS

DYNA-FIT DETECT provides the same benefits of our standard DYNA-FIT with the exception that it is also detectable due to the addition of a metal insert connected to the cord. This product was made for the food industry and for that reason it's color is of a bright blue which makes it easier to trace if by accident it falls into food production areas.

DYNA-FIT DETECT is safe and comfortable with a high NRR rating, and easily detectable due to its metal insert and its bright blue color plus it is very economical. The blue connecting PVC cord makes this product practical to wear and limits the risk of process contamination.

Model:	NP101CD
Color:	Bright Blue - with cord
Packaging:	1 pair per bag
	100 bags per dispenser box
	10 dispensers boxes per case



SNR: 37 dB			H: 36 dB		M: 34 dB		L: 34 dB	
Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation dB	35.3	38.4	39.3	40.8	38.9	37.8	45.9	45.1
Standard Deviation dB	4.2	6.3	5.3	5.5	5.5	4.3	3.9	4.6
Assumed Protection dB (APV)	31.1	32.1	34.0	35.3	33.4	33.5	42.0	40.5

NRR: 32 dB	CSA Class A(L) Standards / ANSI S3.19-1974 Regulations								
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation dB	39.9	41.8	42.3	38.2	35.6	42.1	43.9	46.8	47.1
Standard Deviation dB	4.2	4.4	3.7	2.4	2.2	2.3	2.8	4.1	3.2
Assumed Protection dB (APV)	31.5	33.0	34.9	33.4	31.2	37.5	38.3	38.6	40.7

FEATURES

Detectable Foam Plug
X-Emboss
High Attenuation
Compatible with other personal protective equipment
Traceable Cord

ADVANTAGES

Fits to the natural contour of the ear canal
Easily tracable by a metal detector
Less bulky material at the entrance of the ear canal
High and immediate noise reduction
Slow expansion to perfectly fit the size and form of the ear canal
Allows the user to wear all necessary protective equipment needed to work safely
Increased safety and protect production

BENEFITS

Light and comfortable with a secure fit
Provides optimal performance and protection
Reduces expansion pressure for optimal comfort and all day use
Simple insertion and hygienic removal after use
Minimizes disturbance and unpleasant noise level
Improved conformity
Contains metal material making it easy to trace

DYNA-FIT LITE Disposable Earplugs

MEETS ANSI S3.19-1974 REGULATION & CANADIAN CLASS A(L) STANDARDS

The highly innovative shape of the Dynamic DYNA-FIT LITE disposable earplug dramatically reduces the level of sound that can be built up in the inner ear when wearing hearing protectors. The innovative channel and cavity design increases the surface area and absorption. The earplug delivers softer acoustics and absorbs noise interference, making it possible to hear speech and warning sounds clearly. Soft foam offers superb comfort, even when worn all day.

The inner cavity makes it easy to remove since it reduces the pressure on the outer wall of the ear canal.

Model:	NP102
Color:	Orange - Cordless
Packaging:	1 pair per bag
	200 bags per dispenser box
	10 dispenser boxes per case

Model:	NP102C
Color:	Orange - with cord
Packaging:	1 pair per bag
	100 bags per dispenser box
	10 dispenser boxes per case

SNR: 36 dB			H: 34 dB		M: 33 dB		L: 32 dB	
Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation dB	32.7	34.8	36.8	38.9	36.9	36.2	44	41.5
Standard Deviation dB	4.6	4.4	5.6	5.2	4.7	3.7	4.0	5.0
Assumed Protection dB (APV)	28.1	30.4	31.2	33.7	32.3	32.5	40.0	36.5

NRR: 30 dB	CSA Class A(L) Standards / ANSI S3.19-1974 Regulations								
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation dB	31.5	30.2	35.6	35.1	38.4	42.8	45.5	47.4	46.6
Standard Deviation dB	3.9	2.9	2.9	2.9	2.6	3.6	4.6	2.7	3.1
Assumed Protection dB (APV)	23.7	24.4	29.8	29.3	33.2	35.6	36.3	42	40.4



NP102C

NP102

FEATURES

Larger Surface Area

Unique Design

Hollow Middle

ADVANTAGES

Minimal pressure in the ear canal
Absorbs inner ear noise

Designed to fit the natural form of the ear canal

Low and direct noise attenuation

BENEFITS

Superb comfort

Smallest possible diameter for easier insertion
Expansion pressure adjusts for optimal comfort during all-day usage
Simple insertion and hygienic removal

Reduced attenuation gives improved voice comprehension and awareness of warning signals

IDEAL FOR USE IN MANUFACTURING, WAREHOUSES AND DISTRIBUTION, BUILDING AND CONSTRUCTION, ENERGY, OIL & GAS.

DYNA-MAX Disposable Earplugs

MEETS ANSI S3.19-1974 REGULATION & CANADIAN CLASS A(L) STANDARDS

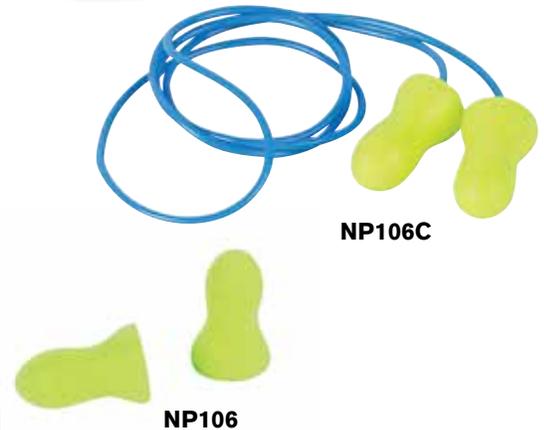
DYNA-MAX disposable earplugs offer a very good protection with a high noise reduction rating. They are suitable for use in noisy environments.

DYNA-MAX is made of a special soft PU foam material offering superior comfort even during extended periods of use.

These new plugs feature a unique bell shape that offers superior contact within the ear canal.

Model:	NP106
Color:	Lime-Yellow - Cordless
Packaging:	1 pair per bag
	200 bag per dispenser box
	10 dispenser boxes per case

Model:	NP106C
Color:	Lime-Yellow - with cord
Packaging:	1 pair per bag
	100 bag per dispenser box
	10 dispenser boxes per case



SNR: 37 dB	H: 35 dB		M: 34 dB		L: 33 dB		
Frequency Hz	125	250	500	1000	2000	4000	8000
Mean Attenuation dB	34.2	34.7	38.2	37.8	36.5	41.8	44.8
Standard Deviation dB	4.3	4.5	4.4	3.3	2.9	4.5	3.8
Assumed Protection dB (APV)	29.9	30.2	33.8	34.5	33.6	37.4	41

NRR: 31 dB	CSA Class A(L) Standards / ANSI S3.19-1974 Regulations								
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation dB	35.3	36.3	41.4	39.7	37.9	41.6	43.9	47.2	47.3
Standard Deviation dB	5.4	3.3	4.2	3.5	3.2	3.9	4.3	3.5	5.0

FEATURES

Bell Shape

Easy to Insert

Special PU Material

ADVANTAGES

Very good contact with ear canal

More comfort and better protection

Soft foam with vivid color

BENEFITS

Excellent comfort

Easy to put in and take out

Soft pressure for all day comfort

Excellent protection without compromising the hearing of alarm signals

IDEAL FOR USE IN WORKSHOPS, MANUFACTURING, CONSTRUCTION, DISTRIBUTION, MINING, OIL & GAS AND OTHER WORK ENVIRONMENTS.

COMFORT-FIT Reusable Earplugs

MEETS ANSI S3.19-1974 REGULATION & CANADIAN CLASS A(L) STANDARDS

This DYNAMIC multiple flange reusable plug is by far the softest TPE plug offered in the market today, and it provides a high attenuation ratio of NRR 27dB. The smooth dirt-repellant surface will prevent the plug from collecting irritating particles that can cause injuries to the ear canal. Easy to clean with mild soap and water maintaining ultimate comfort to the user.

The provided cord does not transfer sound even when rubbing against your neck or clothing. The cord can be removed if need be.

When not in use the plug can be stored in the reusable packet it came in.

Model:	NP104
Color:	Orange - Cordless
Packaging:	1 pair per reusable pack
	100 pair per inner box
	10 inner boxes per case

Model:	NP104C
Color:	Orange - with cord
Packaging:	1 pair per reusable pack
	100 pair per inner box
	10 inner boxes per case



SNR: 30 dB			H: 31 dB		M: 27 dB		L: 26 dB	
Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation dB	—	33.8	29.2	32.7	30.0	36.0	34.3	42.0
Standard Deviation dB	—	5.1	4.6	4.9	5.0	4.0	3.6	4.4
Assumed Protection dB (APV)	—	28.7	24.5	27.8	25.0	32.0	30.6	36.6

NRR: 27 dB	CSA Class A(L) Standards / ANSI S3.19-1974 Regulations								
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation dB	34.3	31.2	35.3	32.9	39.0	38.6	38.3	40.1	42.5
Standard Deviation dB	5.2	4.1	3.4	3.4	3.6	3.1	3.6	4.3	3.0
Assumed Protection dB (APV)	23.9	23.0	28.5	26.1	31.8	32.4	31.1	31.5	36.5

FEATURES

Multiple-Flange TPE Earplug

Pre-Formed Stem with no Rolling Required

Even and Moderate Attenuation

Removable Cord

Comes in Small Packets

ADVANTAGES

Self-sealing flange
Seals against noise, water and other hazardous particles

Stiffened shaft makes insertion easy and avoids contact with the inner ear canal
Soft and comfortable feel on contact with the skin

Natural sound
Excellent for speech clarity and comprehension

When working with machines the cord can be detached easily for added safety

Easy to store in the packet when not in use

BENEFITS

Provides all day comfort
Can be reused several times

Reduces the risk of unhygienic contamination

Simple insertion and hygienic removal after use
Safe usage that blocks out hazardous noise yet allows warning signals and voices to be clearly understood

The earplug can be removed and cleaned with mild soap and water

Reusable, which makes the product more economical

IDEAL FOR USE IN LIGHT MANUFACTURING AREAS, DAIRIES, LABORATORIES, CANNING, PHARMACEUTICALS AND MANY OTHERS.

COMFORT-FIT DETECT Reusable & Detectable Earplugs

MEETS ANSI S3.19-1974 REGULATION & CANADIAN CLASS A(L) STANDARDS

Highly comfortable, noise absorbent, reusable, detectable and safe - The new COMFORT-FIT DETECT is all of the above. These reusable earplugs are made of washable plastic used in the medical industry. This product is also made for the food industry. The bright blue colour makes it easier to detect in production areas and it is reusable, making it more economical.

Model:	NP104CD
Color:	Bright Blue - with cord
Packaging:	1 pair per small reusable box
	100 pair per inner box
	10 inner boxes per case



SNR: 30 dB			H: 31 dB		M: 27 dB		L: 26 dB	
Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation dB	—	33.8	29.2	32.7	30.0	36.0	34.3	42.0
Standard Deviation dB	—	5.1	4.6	4.9	5.0	4.0	3.6	4.4
Assumed Protection dB (APV)	—	28.7	24.5	27.8	25.0	32.0	30.6	36.6

NRR: 27 dB	CSA Class A(L) Standards / ANSI S3.19-1974 Regulations								
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation dB	34.3	31.2	35.3	32.9	39.0	38.6	38.3	40.1	42.5
Standard Deviation dB	5.2	4.1	3.4	3.4	3.6	3.1	3.6	4.3	3.0
Assumed Protection dB (APV)	23.9	23.0	28.5	26.1	31.8	32.4	31.1	31.5	36.5



FEATURES

Detectable Reusable Earplug

Pre-Formed Stem with no Rolling

Moderate Attenuation

Traceable Cord

Package in Small Reusable Case

ADVANTAGES

Easy to trace with a metal detector
Self-sealing flanges

Stiffened shaft makes insertion easy and avoids contact with the inner ear canal
Soft and comfortable feel

Natural sound
Excellent voice clarity and speech comprehension

Increases safety and convenience

Easy to store in the packet when not in use

BENEFITS

Comfortable even when used for long periods

Reduces the risk of contamination
Simple insertion and hygienic removal after use

Safe usage that blocks out hazardous noise yet allows warning signals and voices to be clearly understood

Contains metal material making it easy to trace

Reusable, makes the product very cost effective

QUIET-FIT Reusable Earplugs

MEETS ANSI S3.19-1974 REGULATION & CANADIAN CLASS A(L) STANDARDS

This multiple flange ultra soft TPE reusable plug is the right answer for dirty, not too noisy work environments (up to a noise level of 100dB). The smooth, dirt-repellant surface of our QUIET-FIT reusable earplug will prevent the plug from collecting irritating particles that can cause injuries to the ear canal. The plug can be easily cleaned using soap and water in order to maintain excellent wearer comfort and safety.

The provided cord does not transfer sound even on your neck or clothing.

When not in use the plugs can be stored in their original packaging consisting of a small ziplock type bag.

Model:	NP103
Color:	Red - Cordless
Packaging:	1 pair per bag
	100 bags per dispenser box
	10 dispensers boxes per case

Model:	NP103C
Color:	Red – with cord
Packaging:	1 pair per bag
	100 bags per dispenser box
	10 dispenser boxes per case



SNR: 23 dB	H: 24 dB M: 20 dB L: 17 dB							
Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation dB	23.7	23.2	21.1	22.6	24.8	31.7	33.4	39.4
Standard Deviation dB	5.6	5.8	6.8	5.2	5.7	6.0	9.5	8.2
Assumed Protection dB (APV)	18.1	17.4	14.3	17.4	19.1	25.7	23.9	31.2

NRR: 23 dB	CSA Class A(L) Standards / ANSI S3.19-1974 Regulations								
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation dB	31.6	31.1	32.9	30.8	33.7	38.0	38.2	42.7	45.6
Standard Deviation dB	4.2	3.9	4.3	4.1	4.5	4.5	3.7	4.4	4.9
Assumed Protection dB (APV)	23.2	23.3	24.3	22.6	24.7	29	30.8	33.9	35.8



FEATURES
Reusable Ultra-soft TPE Plug
Pre-Formed Stem with no Rolling
Moderate Attenuation
Removable Cord
Packaged in Small Zip-Lock Type Bag

ADVANTAGES
Self-sealing flanges Can be used in noise level up to 100dB (A)
Simple insertion without having to roll the plug prior to insertion Soft and comfortable feel on contact with the skin
Excellent for speech clarity and comprehension
When working with machines the cord could be detached easily for added safety
Easy to store in the Zip-Lock bag when not in use

BENEFITS
Provide all day comfort Can be reused several times
Reduce the risk for unhygienic contamination
Safe usage that blocks out hazardous noise yet allows warning signals and voices to be clearly understood
The earplugs can be removed and cleaned with mild soap and water
Reusable which make these plugs very cost effective

IDEAL FOR USE IN WORKSHOPS, WAREHOUSES, LIGHT MANUFACTURING AND OTHER AREA WHERE NOISE IS UNDER 100DB (A).

Disposable Earplugs Dispenser

Easy-to-use, robust dispenser can be either wall-mounted or used on a flat counter. Easy installation equipped with a controlled release mechanism which ensures that the correct number of plugs are dispensed. The audible “½ click” system prevents over supply thus reducing wastage costs. The transparent design makes it easy to monitor the number of plugs remaining in the dispenser. A collecting tray catches the earplugs. Installed in a convenient location the dispenser has sufficient capacity to supply large production areas with hearing protection at a favorable price.

Model:	NP100
Color:	Black- Clear container
Packaging:	1 unit box (Earplugs not included)

FEATURES

Wall Mounted Dispenser
Earplugs Easily Accessible for Everyone

Simple “1/2 click”

Simple Refilling

Hygienic Refilling

Foam Earplugs Suitable for Refilling

ADVANTAGES

Easy to assemble
Simple to use

Simple “click” reliably dispenses 2 earplugs

The holder is transparent so it is easy to see when it is time to refill

The dispenser holds 300 pairs of plugs when refilled

Packed in a box
Available in different colors and shapes for dispenser refilling

BENEFITS

Easy to mount on a wall
Can be strategically placed

Convenient and simple for the user
Less waste, protects the environment

Convenient
Plugs are always available for users

Convenient, hygienic
Saves valuable time

Simple to open and fill the dispenser with the right earplugs



NP100

Refill Packs for Earplug Dispenser

The dispenser can be filled with the following Dynamic foam earplugs: NP101/300 and NP102/250. The refill boxes are made of environmental friendly cardboard which can be recycled to reduce waste.

Model:	NP101/300
Color:	Red - Cordless
Packaging:	300 pairs of DYNA-FIT model NP101 loose in a refill box 4 box of 300 pairs per case

Model:	NP106/250
Color:	Lime-Yellow - Cordless
Packaging:	250 pairs in a bag 30 bags of 250 pairs per case

Model:	NP102/250
Color:	Orange - Cordless
Packaging:	250 pairs of DYNA-FIT LITE model NP102 loose in a refill box 4 box of 250 pairs per case



NP101/300

NP102/250

NP106/250

Hygiene Storage Box for Reusable Earplugs

A sturdy, transparent plastic case, comes with a chain for storing earplugs safely and hygienically.

Model:	NPCASE
Color:	Transparent
Packaging:	60 units per inner box 10 inner boxes per case



NPCASE

LITE-BAND Banded Ear Protection

MEETS ANSI S3.19-1974 REGULATION & CANADIAN CLASS A(L) STANDARDS

Innovative and unique, soft, oval shape foam earplug guarantees the most comfortable fit. The band is ergonomically shaped and its stability limits contact with clothing and resulting sound transmission. LITE-BAND is the lightest banded ear protector available in the market. Weighs just 8 gr.

Ideal for short jobs, for people moving in and out of noise areas or for visitors.

Model: NP105

Color: Black band
Lime-Green pods

Packaging: 1 per bag
10 per inner box
10 inner boxes per case

Model: NP105/5

Color: Lime-Green pods

Packaging: Pack of 5 pairs of replacement pods for NP105



SNR: 24 dB			H: 27 dB		M: 19 dB		L: 18 dB	
Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation dB	23.7	22.0	21.6	19	23.9	31.9	39.6	39.6
Standard Deviation dB	4	2.9	4.7	4.3	3.6	4.0	2.7	3.7
Assumed Protection dB (APV)	19.7	19.1	16.9	14.7	20.2	27.9	36.9	35.9

NRR: 20 dB	CSA Class A(L) Standards / ANSI S3.19-1974 Regulations								
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation dB	27.5	28.1	24.5	25.6	32.3	38.8	41.2	44.6	44
Standard Deviation dB	5.7	4.7	3.7	3.9	3.5	4	4.5	4.6	4.6
Assumed Protection dB (APV)	16.1	18.7	17.1	17.8	25.3	30.8	32.2	35.4	34.8

FEATURES

Banded Earplugs

Earplugs with an Oval Cap Shape

Low Weight

Replacement Pods

ADVANTAGES

Ergonomic pre-formed band
Positioned under the chin
Perfect fit

Oval cap shape of the plug fits well over the ear canal

Low weight makes the bands comfortable to wear

Easy to change when they are worn or dirty

BENEFITS

Light, comfortable and secure fit
Fixed position with reduced sound transmission

Good fitting without pressure
Excellent stability once fitted

Easy fitting, comfortable to wear for long periods

Hygienic
Economic

IDEAL FOR QUICK FACTORY JOBS, VISITORS, FOREMAN OR SUPERVISORS, LIGHT MANUFACTURING, ETC.

SPITFIRE Plastic Headbanded Earmuff

**MEETS ANSI S3.19-1974 REGULATIONS
& CSA CLASS A STANDARDS**

Combining lightweight and performance

- ▶ Dielectric
- ▶ Padded headband
- ▶ Adjustable height
- ▶ Lightweight
- ▶ Comfortable
- ▶ Good attenuation

NP111	Class A									NRR: 24 dB
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attenuation dB	16.7	20.0	31.4	38.4	36.3	37.5	37.6	37.0	35.1	
Standard Deviation dB	2.8	2.7	3.0	3.2	2.5	3.6	3.2	2.9	1.9	

SPITFIRE



NP111

SPITFIRE Plastic Cap-Mounted Earmuff

**MEETS ANSI S3.19-1974 REGULATIONS
& CSA CLASS A STANDARDS**

Combining lightweight and performance

- ▶ Dielectric
- ▶ Adjustable height
- ▶ Lightweight
- ▶ Comfortable
- ▶ Good attenuation
- ▶ Adjustable arm tension
- ▶ Parking position

NP112	Class A									NRR: 20 dB
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attenuation dB	15.8	17.3	23.2	30.6	33.9	35.9	36.9	38.5	38.6	
Standard Deviation dB	3.0	2.6	3.6	3.5	3.4	4.0	3.0	3.8	3.8	

SPITFIRE



NP112

HERCULES

Plastic Headbanded Earmuff

MEETS ANSI S3.19-1974 REGULATIONS & CSA CLASS A(L) STANDARDS

Superior performance earmuffs with very good adjustability

- ▶ Dielectric
- ▶ Padded headband
- ▶ Adjustable height
- ▶ Soft sealing cushions
- ▶ Large size ear-cups
- ▶ High-Visibility ring color
- ▶ Comfortable
- ▶ Very good attenuation

NP113	Class AL									NRR: 27 dB
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attenuation dB	21.2	21.9	32.3	40.1	36.7	38.5	41.9	40.7	39.3	
Standard Deviation dB	2.9	2.3	2.8	2.7	2.8	2.8	2.8	2.0	2.2	

HERCULES



NP113

HERCULES

Plastic Cap-Mounted Earmuff

MEETS ANSI S3.19-1974 REGULATIONS & CSA CLASS A STANDARDS

Superior performance earmuffs with very good adjustability

- ▶ Dielectric
- ▶ Adjustable height
- ▶ Soft sealing cushions
- ▶ Large size ear-cups
- ▶ High-Visibility ring color
- ▶ Comfortable
- ▶ Very good attenuation
- ▶ Multiple parking positions

NP114	Class A									NRR: 25 dB
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attenuation dB	19.9	22.1	30.5	39.7	37.0	37.4	40.3	41.3	37.9	
Standard Deviation dB	3.8	3.2	3.5	3.1	3.1	3.3	4.0	3.6	3.5	

HERCULES



NP114

MIRAGE Wire Headbanded Earmuff

MEETS ANSI S3.19-1974 REGULATIONS & CSA CLASS A(L) STANDARDS

Good performance earmuffs with low profile design

- ▶ Metal headband wires for micro-adjustment
- ▶ Padded headband
- ▶ Adjustable height
- ▶ Low profile ear-cups
- ▶ Very comfortable
- ▶ Very good attenuation
- ▶ Also available in neck-mounted version (NP120)
- ▶ Widely used with welding shields (see page 19)

NP115	Class AL									NRR: 25 dB
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attenuation dB	21.2	21.9	32.3	40.1	36.7	38.5	41.9	40.7	39.3	
Standard Deviation dB	2.9	2.3	2.8	2.7	2.8	2.8	2.8	2.0	2.2	

 **MIRAGE**



NP115

MIRAGE Cap-Mounted Earmuff

MEETS ANSI S3.19-1974 REGULATIONS & CSA CLASS A STANDARDS

Good performance earmuffs with low profile design

- ▶ Adjustable height
- ▶ Low profile ear-cups
- ▶ Very comfortable
- ▶ Very good attenuation
- ▶ Crown parking position

NP116	Class A									NRR: 23 dB
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attenuation dB	14.9	18.4	25.8	32.7	36.3	37.3	36.7	36.2	35.7	
Standard Deviation dB	2.2	2.4	2.2	2.9	3.2	3.7	3.2	3.4	3.6	

 **MIRAGE**



NP116

B52

Wire Headbanded Earmuff

**MEETS ANSI S3.19-1974 REGULATIONS
& CSA CLASS A(L) STANDARDS**

High-performance earmuffs without compromising comfort

- ▶ Metal headband wires for micro-adjustment
- ▶ Padded headband
- ▶ Adjustable height
- ▶ Large soft sealing cushions
- ▶ Extra-large size ear-cups
- ▶ Extremely comfortable
- ▶ Excellent attenuation

NP117	Class AL									NRR: 28 dB
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attenuation dB	20.0	23.7	33.7	37.6	35.5	39.9	42.4	44.2	43.6	
Standard Deviation dB	2.7	2.1	2.9	2.7	2.2	3.4	3.0	2.1	2.8	



NP117

B52

Cap-Mounted Earmuff

**MEETS ANSI S3.19-1974 REGULATIONS
& CSA CLASS A STANDARDS**

High-performance earmuffs without compromising comfort

- ▶ Adjustable height
- ▶ Large soft sealing cushions
- ▶ Extra-large size ear-cups
- ▶ Extremely comfortable
- ▶ Excellent attenuation
- ▶ Crown parking position

NP118	Class A									NRR: 25 dB
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attenuation dB	19.1	21.7	30.7	36.3	39.4	36.8	31.8	34.8	35.5	
Standard Deviation dB	3.8	2.6	1.9	3.8	1.8	3.6	2.4	1.8	3.4	



NP118

PIPER Plastic Headbanded Earmuff

**MEETS ANSI S3.19-1974 REGULATIONS
& CSA CLASS B STANDARDS**

Lightweight and economic

- ▶ Dielectric
- ▶ Adjustable height
- ▶ Lightweight
- ▶ Easy to adjust
- ▶ Great value

NP110	Class B									NRR: 24 dB
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attenuation dB	8.7	18.4	30.7	51.7	42.4	39.8	40.7	39.5	38.7	
Standard Deviation dB	0.4	0.7	0.2	0.5	0.9	0.5	3.7	1.8	1.4	

PIPER



NP110

BUFFALO Wire Cap-Mounted Earmuff

**MEETS ANSI S3.19-1974 REGULATIONS
& CSA CLASS A(L) STANDARDS**

Good-performance earmuff with good fit

- ▶ Metal wires for micro-adjustment
- ▶ Specially designed for wide-brim hard hats
- ▶ Adjustable height
- ▶ Large soft sealing cushions
- ▶ Large size ear-cups
- ▶ Very comfortable
- ▶ Very good attenuation

NP119	Class AL									NRR: 26 dB
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attenuation dB	20.8	22.5	31.9	36.5	40.0	39.8	32.2	34.9	35.7	
Standard Deviation dB	3.7	2.0	2.8	2.6	3.2	3.2	2.2	2.2	3.6	

BUFFALO



NP119

MIRAGE

Neck-Mounted Earmuff

MEETS ANSI S3.19-1974 REGULATIONS & CSA CLASS A STANDARDS

Good performance earmuffs with low profile design

- ▶ Adjustable height
- ▶ Low profile ear-cups
- ▶ Very comfortable
- ▶ Very good attenuation
- ▶ Widely used with welding shields

MIRAGE



NP120

NP120	Class A									NRR: 24 dB
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attenuation dB	15.3	19.6	27.9	35.3	35.9	40.5	42.2	41.9	41.5	
Standard Deviation dB	2.4	2.5	2.9	3.4	2.2	2.4	3.6	2.4	4.1	

CONCORDE

Wire Foldable Headbanded Earmuff

MEETS ANSI S3.19-1974 REGULATIONS & CSA CLASS A STANDARDS

Lightweight with good performance

- ▶ Metal headband wires for micro-adjustment
- ▶ Padded headband
- ▶ Adjustable height
- ▶ Lightweight
- ▶ Easy to store
- ▶ Very comfortable
- ▶ Good attenuation

CONCORDE



NP121

NP121	Class A									NRR: 25 dB
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000	
Mean Attenuation dB	16.0	20.3	29.6	37.3	36.0	40.2	41.3	42.5	41.7	
Standard Deviation dB	2.8	2.2	2.7	2.8	2.3	3.0	3.3	2.2	3.1	

Industrial, Forestry and Gardening Kits

DELUXE FORESTRY AND GARDENING KIT **NPK10**

Kit	NPK10
(1) HP542R03 Class 2 Orange Safety Hat, (1) EPB101 Plastic Faceshield Bracket, (1) EPWM815 Metal Forestry Screen Visor, (1) NP118 B52 Earmuff.	



NPK10

QUALITY FORESTRY AND GARDENING KIT **NPK11**

Kit	NPK11
(1) HP241R02 Class 1 Yellow Safety Hat, (1) EPB101 Plastic Faceshield Bracket, (1) EPWM815 Metal Forestry Screen Visor, (1) NP116 MIRAGE Earmuff.	



NPK11

GOOD GARDENING KIT **NPK12**

Kit	NPK12
(1) HP24104 Class 1 Dark Green Safety Hat, (1) EPB101 Plastic Faceshield Bracket, (1) EPWM815 Metal Forestry Screen Visor, (1) NP112 SPITFIRE Earmuff.	



NPK12

INDUSTRIAL KIT **NPK13**

Kit	NPK13
(1) HP241R02 Class 1 Yellow Safety Hat, (1) EPB101 Plastic Faceshield Bracket, (1) EP815/40 PETG Clear Faceshield, (1) NP116 MIRAGE Earmuff.	



NPK13

DELUXE KIT **NPK14**

Kit	NPK14
(1) HP142R15 Class 2 Red Safety Hat, (1) EPB103 Faceshield Bracket, (1) EPWM815 Metal Forestry Screen Visor, (1) NP118 B52 Earmuff.	



NPK14

QUALITY FORESTRY AND GARDENING KIT **NPK15**

Kit	NPK15
(1) HP241R03 Class 1 Orange Safety Hat, (1) EPB101 Plastic Faceshield Bracket, (1) EPWM815 Metal Forestry Screen Visor, (1) NP116 MIRAGE Earmuff.	



NPK15

GOOD GARDENING KIT **NPK16**

Kit	NPK16
(1) HP24103 Class 1 Orange Safety Hat, (1) EPB101 Plastic Faceshield Bracket, (1) EPWM815 Metal Forestry Screen Visor, (1) NP112 SPITFIRE Earmuff.	



NPK16

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