

## Hearing Protection



## HEARING PROTECTION



***DSI SAFETY INC. KNOWN AS DYNAMIC SAFETY INTERNATIONAL IS A CANADIAN OWNED AND OPERATED COMPANY.***

Dynamic Safety International is well known with it's Dynamic brand of products, and is growing fast due to Dynamic's team of employees and to our multitude of innovative products such as head protection, safety eyewear, face protection, hearing protection and respiratory protection including fall protection, Hi-Viz traffic and First Aid products.

Dynamic products are proudly made to meet all the safety regulations and/or standards required in Canada, United States, Europe and Latin America. These safety products must be certified by multiple certification bodies such as CSA, ANSI, CE, NIOSH and when permitted, we are proud to apply their logo on all our products applicable to these countries, proving the high quality these has to meet and you can trust using them.



Our great team of Product Managers have over 100 years of experience and expertise in their respective areas. Whether it's for your respiratory, fall protection, Head, Eye, Hearing and Hi-Viz products, with their knowledge and in conjunction with our Specialist, they will be able to support you during your training, risk assessment surveys in the workplace in addition to helping your safety committee select the proper safety equipment.

Our goal and objective at Dynamic Safety International is to design and produce the best PPE of the market and make sure that all employees arrive home everyday healthy and safe.



# 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 a optimal configuration with the ear canal. Perfect attenuation due to a soft canal sealing.
- Linear attenuation = recognition of important signals.
- Wearer is not isolated (incommunicado).
- 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:

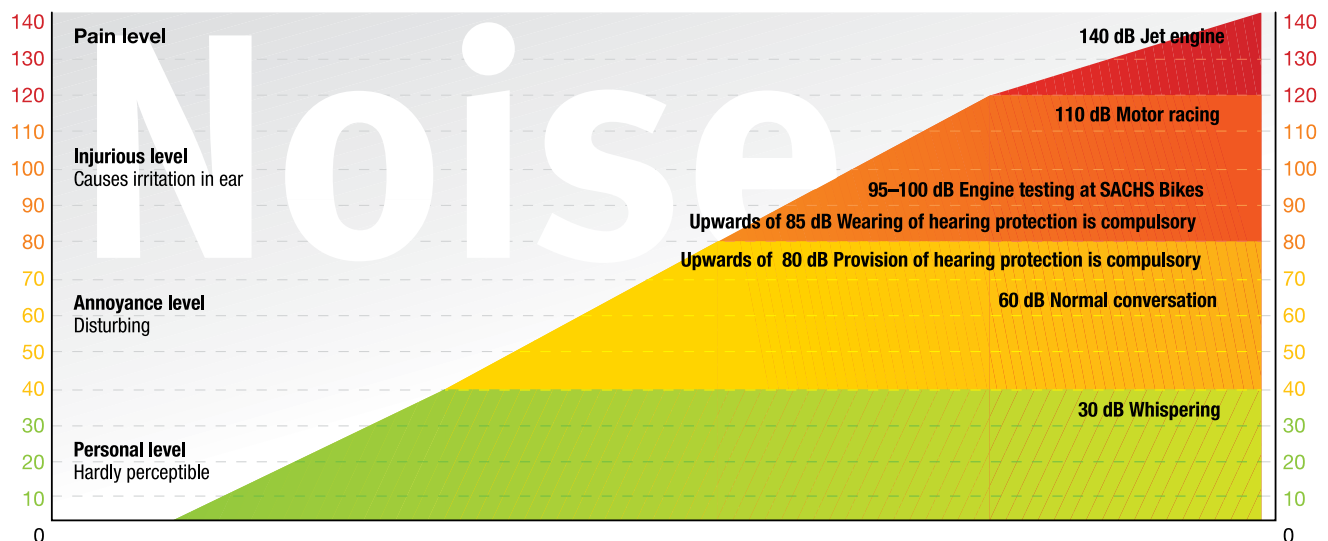
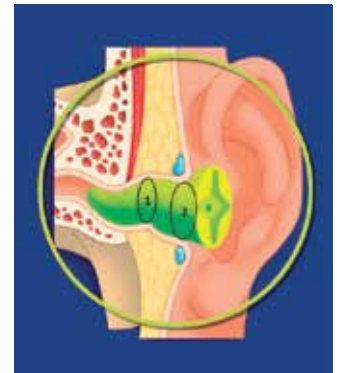
NP101 "DYNA-FIT"

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.



## Disposable Earplugs “Dyna-Fit”

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



**NP101C**

**NP101**

- Excellent protection – Very high absorption level
- Excellent sound – Top voice recognition
- Excellent fit – Very comfortable to wear
- The ergonomically shaped Dynamic “Dyna-fit”

Disposable earplugs are characterized by very high sound absorption levels, making it 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.

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

<b>Model:</b>	NP101C
<b>Color:</b>	Red – with cord
<b>Packaging:</b>	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									
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

CSA Class A(L) Standards / ANSI S3.19-1974 Regulations

FEATURES	ADVANTAGES	BENEFITS
Tapered	Fits to the natural contour of the ear canal	Light & comfortable with a secure fit, Give optimum performance and protection
X-Emboss	Less material at the entrance to the ear canal	Reduce expansion pressure for optimal comfort and all day use
High Attenuation	High 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 a work situation	Improved conformity to safety requirements
Soft PU foam	Slow expansion to perfectly fit the size and form of the ear canal	Increase hygiene, Maximum performance, long wearing comfort

*Ideal for use in workshops, manufacturing, construction and other work environments.*

# Disposable Earplugs “Dyna-Fit Lite”

**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 reducing the pressure on the outer wall of the ear canal.

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

<b>Model:</b>	NP102C
<b>Color:</b>	Lime-Green - with cord
<b>Packaging:</b>	1 pair per bag 100 bags per dispenser box 10 dispenser boxes per case



**NP102**

**NP102C**

SNR: 36 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									
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

CSA Class A(L) Standards / ANSI S3.19-1974 Regulations

## FEATURES

Larger Surface Area

Unique Design

Hollow Middle

## ADVANTAGES

Minimal pressure in the ear canal  
Absorbs inner ear sound

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 adjusted for optimal comfort  
Simple insertion and hygienic removal after use

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*

## HEARING PROTECTION



# Disposable & Detectable Earplugs “Dyna-Fit Detect”

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

The DYNAMIC “DYNA-FIT DETECT” NP101CD is a copy of the “DYNA-FIT” NP101C to the exception that it is 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 make it easier to trace if by accident it falls into food production areas.

The DYNAMIC “DYNA-FIT DETECT” is safe, comfortable with a high NRR rating easily detectable due to it's metal insert and it's 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.

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



**NP101CD**

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
Detectable foam plug	Fits to the natural contour of the ear canal Easily tracable by a metal detector	Light and comfortable with a secure fit Provides optimal performance and protection
X-Emboss	Less bulky material at the entrance to the ear canal	Reduces expansion pressure for optimal comfort and all day use Simple insertion and hygienic removal after use
High Attenuation	High and immediate noise reduction Slow expansion to perfectly fit the size and form of the ear canal	Minimizes disturbance and unpleasant noise level
Compatible with other personal protective equipment	Allows the user to wear all necessary protective equipment needed to work safely	Improved conformity
Traceable Cord	Increase safety and protect production	Contains metal material making it easy to trace

# Reusable Earplugs “Quiet-Fit”

## 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 less than 100dB). The smooth, dirt- repellant surface of the DYNAMIC “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 corded “QUIET-FIT” provided with a string material made cord that does not transfer the sound even on your neck or clothing. When not in use the plugs can be stored into the original packaging of a small ziplock type bag.

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

<b>Model:</b>	NP103C
<b>Color:</b>	Red – with cord
<b>Packaging:</b>	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 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.

Multiple Choices

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 voice to be clearly understood.

Safe and secure

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).*



## Reusable Earplugs “Comfort-Fit”

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



This DYNAMIC 4 multi flange reusable plug is by far the softest TPE plug offered in the market today, it provides a high attenuation ratio of NRR 25dB. The smooth dirt-repellant surface of the plug 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 corded “COMFORT-FIT” plug is provided with a string material cord that 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 store's into the reusable packet it came in.

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

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

SNR: 27 dB			H: 24 dB		M: 22 dB		L: 27 dB	
Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation dB	26.6	26.9	24.3	26.1	28.8	32.8	32.6	38.1
Standard Deviation dB	6.1	6.1	4.1	5.1	5.1	5	6.5	5.3
Assumed Protection dB (APV)	20.5	20.8	20.2	21.0	23.7	27.8	26.1	32.8

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 hazardous noise ,water and others unusable particles.
- Stiffened shaft makes insertion easy and avoids contact with the parts inserted into the ear.
- Soft and comfortable feel on contact with the skin.
- Natural sound
- Excellent for speech clarity and comprehension.
- Multiple Choice
- 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.
- Safe and secure
- 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.*



# Reusable & Detectable Earplugs “Comfort-Fit Detect”

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



NP104CD

Highly comfortable, Noise absorbent, Reusable, Detectable and safe - The new “COMFORT-FIT DETECT” is all of these. These reusable earplugs are made of washable plastic from MEDICAL Industry technology. This product is also made for the food industry. Its bright blue colour makes it easier to detect in production areas and it is reusable, making it more economical.

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

SNR: 27 dB				H: 24 dB	M: 22 dB	L: 27 dB		
Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation dB	26.6	26.9	24.3	26.1	28.8	32.8	32.6	38.1
Standard Deviation dB	6.1	6.1	4.1	5.1	5.1	5	6.5	5.3
Assumed Protection dB (APV)	20.5	20.8	20.2	21.0	23.7	27.8	26.1	32.8

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 parts inserted into the ear canal.  
Soft and comfortable feel on contact.

Natural sound  
Excellent voice clarity and speech comprehension.

Increases safety and convenience  
Easy to store in the pocket when not in use.

## BENEFITS

Comfortable even when used for long periods

Reduces the risk for making it dirty.  
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

## HEARING PROTECTION



NP100

## 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 "1/2 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.

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

### FEATURES

Wall mounted dispenser

Simple "1/2 click"

Simple refilling

Hygienic refilling

Foam Earplugs suitable for refilling

### ADVANTAGES

Easy to assemble

Simple to use

Earplugs easily accessible for everyone

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 for users access

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



NP101/300

NP102/250

## 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.

<b>Model:</b>	NP101/300
<b>Color:</b>	Red - Cordless
<b>Packaging:</b>	300 pairs of "Dyna-Fit" model NP101 loose in a refill box
	4 box of 300 pairs per case

<b>Model:</b>	NP102/250
<b>Color:</b>	Orange - Cordless
<b>Packaging:</b>	250 pairs of "Dyna-Fit Lite" model NP102 loose in a refill box
	4 box of 250 pairs per case

## Hygiene Storage Box for Reusable Earplugs

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

<b>Model:</b>	NPCASE
<b>Color:</b>	Transparent
<b>Packaging:</b>	60 units per inner box 10 inner boxes per case



NPCASE

# Banded Ear Protection “Lite-Band”

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



Innovative and unique, soft, oval shape foam earplug guarantee of the most comfortable fit. The band is ergonomically shaped and its stability limits contact with clothing and resulting sound transmission. The DYNAMIC “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.

<b>Model:</b>	NP105
<b>Color:</b>	Black band Lime-Green pods
<b>Packaging:</b>	1 per bag 10 per inner box 10 inner boxes per case
<b>Model:</b>	NP105/5
<b>Color:</b>	Lime-Green pods
<b>Packaging:</b>	Pack of 5 pairs of replacement Pods for NP105



**NP105**

**NP105/5**

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 ear plugs  
  
Ear plugs 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 in and out of factory jobs, visitors, foreman or supervisors, light manufacturing, etc.*



## “Spitfire” Plastic Headbanded Earmuff

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

**SPITFIRE**



NP111

Combining lightweight and performance

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

NP111	Class A								NNR: 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” Plastic Cap-Mounted Earmuff

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

**SPITFIRE**



NP112

Combining lightweight and performance

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

NP112	Class A								NNR: 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



## “Hercules” Plastic Headbanded Earmuff

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



NP113

Very good 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								NNR: 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” Plastic Cap-Mounted Earmuff

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



NP114

Very good 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								NNR: 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

## “Mirage” Wire Head-banded Earmuff

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

**MIRAGE**



NP115

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 17)

NP115	Class AL								NNR: 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” Cap-Mounted Earmuff

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

**MIRAGE**



NP116

Good performance earmuffs with low profile design

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

NP116	Class A								NNR: 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





## “B52” Wire Headbanded Earmuff

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



NP117

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								NNR: 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



## “B52” Cap-Mounted Earmuff

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



NP118

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								NNR: 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

## “Piper” Plastic Headbanded Earmuff

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

**PIPER**



NP110

Lightweight and economic

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

NP110	Class B								NNR: 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

## “Buffalo” Wire Cap-Mounted Earmuff

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

**BUFFALO**



NP119

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								NNR: 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

## MIRAGE



NP120

## “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 good attenuation
- Widely used with welding shields
- Very comfortable

NP120	Class A								NNR: 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



NP121

## “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

NP121	Class A								NNR: 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



**NPK10**

### DE LUXE FORESTRY AND GARDENING KIT NPK10

Kit: **NPK10**

(1) HP542R-01 Class 2 White Safety Hat, (1) EPB101 Plastic Faceshield Bracket, (1) EPWM815 Metal Forestry Screen Visor, (1) NP118 "B52" EarMuff.



**NPK11**

### 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" Ear Muff.



**NPK12**

## GOOD GARDENING KIT NPK12

**Kit:** NPK12

(1) HP241-04 Class 1 Dark Green Safety Hat, (1) EPB101 Plastic Faceshield Bracket, (1) EPWM815 Metal Forestry Screen Visor, (1) NP112 "Spitfire" Ear Muff.



**NPK13**

## INDUSTRIAL KIT NPK13

**Kit:** NPK13

(1) HP241R-01 Class 1 White Safety Hat, (1) EPB101 Plastic Faceshield Bracket, (1) EP815/40 PETG Clear Faceshield, (1) NP116 "Mirage" Ear Muff.



**NPK14**

## DE LUXE KIT NPK14

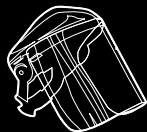
**Kit:** NPK14

(1) HP142R-15 Class 2 Red Safety Hat, (1) EPB103 Faceshield Bracket, (1) EPWM815 Metal Forestry Screen Visor, (1) NP118 "B52" EarMuff.

## SEE OUR OTHER SAFETY PRODUCTS



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