



Brainwave Safety Solutions Catalog

Safety & Protection Products

2025

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SmartCycle™ by Beautiful Brains

A Sustainable PPE Recycling, Reuse & Community Impact Program



Program Overview

SmartCycle™ is a turnkey PPE lifecycle management program designed to reduce costs, improve sustainability, and create community impact. By collecting, laundering, redistributing, and recycling PPE, SmartCycle™ lowers manufacturers' PPE spend while aligning with New York State's Climate Leadership and Community Protection Act (CLCPA) and sustainability targets. Importantly, any PPE not suitable for reuse is responsibly donated to disaster relief efforts and nonprofit support organizations, extending its life to communities in need.

Alignment with NYS Incentives & Requirements

- ✓ Supports CLCPA goals of 85% GHG reduction by 2050 through landfill diversion and carbon savings.
- ✓ Quantifies CO2e reductions that can be tied to Regional Greenhouse Gas Initiative (RGGI) programs.
- ✓ Eligible for NYSEDA circular economy and waste-reduction incentive opportunities.
- ✓ Provides ESG reporting that strengthens compliance with Community Benefit Agreements for large public projects.

Advantages of Partnering with Beautiful Brains

- ✓ BA 8(a) and NYS MWBE certified: adds diversity credits to government and prime contractor bids.
- ✓ Buffalo-based supplier: local, responsive, and community-driven.
- ✓ Cost savings: lower PPE purchasing needs through laundering/redistribution and reduced disposal fees.
- ✓ Carbon reporting: quarterly ESG reports translating PPE diversion into measurable CO2 reductions and potential credits.
- ✓ Community impact: PPE not reused is donated to disaster relief and local nonprofit partners, enhancing corporate social responsibility.



Sample Carbon Reduction Mode

Assumptions: 500 employees at a NYS manufacturing plant; Baseline annual PPE spend: ~\$52,800 (gloves + masks); SmartCycle™ reuse/diversion rate: 30%

Metric	Baseline	With SmartCycle™	Impact
Annual PPE units used	290,400	203,280	~87,120 units
PPE waste to landfill	100%	70%	30% diverted
CO ₂ e emissions (est.)	~29 tons	~20 tons	9 tons avoided
PPE spend	\$52,800	\$42,100	\$10,700 saved
Community support	0	Thousands of units donated	Disaster relief & nonprofits benefit

Conclusion

By partnering with Beautiful Brains on SmartCycle™, NYS manufacturers and contractors cut PPE costs by 15–30%, generate measurable CO2 reductions for CLCPA and RGGI reporting, and strengthen community impact through PPE donations to disaster relief and nonprofit organizations. This program transforms PPE from a cost center into a strategic driver for savings, sustainability, and social responsibility.



Let's *Connect*

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Safety Vests

Class 2 Leadership High Visibility Vest

1. Basic Product Information

- **Customizable:** Yes
- **Fabric:** 120g Low - Elasticity Yarn
- **Reflective Material:** High - brightness Chemical Fiber (Level 2)
- **Colors:** Pink, Royal Blue, Apple Green etc.
- **Sizes:** S, M, L, XL
- **Weight:** 190g
- **Type:** Safety Vest



2. Product Design and Functions

Overall Design Concept

Adopts a simple design with a reasonable layout of reflective strips to achieve 360° safety protection. The multi - functional pocket design endows the simple vest with stronger practicality, meeting the operation needs of diverse groups and being suitable for multiple industrial scenarios such as construction and machinery manufacturing.

Fabric and Comfort

Uses low - elasticity yarn fabric, which is both wear - resistant and durable, allowing for long - term wearing. The fabric is refreshing and breathable, effectively reducing stuffiness and machinery manufacturing.

Reflective Strip Protection

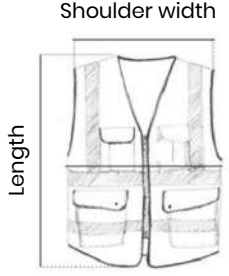
Reflective strips are installed on the front and back (two horizontal and two vertical strips) and along the pocket edges. They reflect light in all directions, significantly improving the wearer's visibility in low - light environments, reducing operation risks, and providing safety protection.

Pocket Function Design

- **Multi - functional Pocket:** Can hold common items such as pens, small notebooks, and mobile phones. It has a built - in walkie - talkie hook and D - rings for easy hanging of objects, meeting the daily operation tool - carrying needs.
- **PVC Transparent Pocket:** Designed to fit the size of an ID card, it fits snugly and is not easy to fall off, facilitating quick identity recognition and improving operation standardization.
- **Double - layer Three - dimensional Diagonal Pockets on Both Sides:** Have a large capacity, with a four - snap design at the pocket opening. Items are not easy to slip out during bending operations, considering both practicality and safety.

3. Size and Customization Instructions

Standard Size Chart

Size	S (cm)	M (cm)	L (cm)	
Shoulder Width	46	49	52	
Chest Circumference	112	120	128	
Garment Length	75	75	75	

Customization Services

Size customization is supported. For special needs, please contact customer service. Meanwhile, a reflective letter printing service is provided, allowing the addition of corporate logos, text, etc. as required, helping to create an exclusive brand image and enhance team recognition.

Size Selection Tips

When purchasing, please refer to the size chart to measure your body data. Due to a 1 – 3cm error in manual measurement, if you are between two sizes or prefer a looser fit, it is recommended to choose one size larger. For special body shape needs, priority should be given to the customization service.

4. Applicable Scenarios and Industries

Widely applicable to scenarios such as construction, machinery manufacturing, and chemical industries. As safety protection equipment for workers in metal and industrial equipment operations, it provides reliable safety guarantees for wearers in outdoor construction, night operations, factory inspections, and other tasks.

5. Usage and Maintenance Recommendations

1. Before Use: Check the integrity of the reflective strips and the normal function of the pockets. Confirm the size fit. If there are customized contents, verify the accuracy of the printed information.

2. During Use: Avoid sharp objects scratching and damaging the fabric and reflective strips. Use the pockets reasonably to store items by category. Do not overload the pockets.



Safety Vests: Class 1 High Visibility Vest

BB-WL-014

- **100% polyester mesh fabric**
- **2.5*10 cm width high reflective tape**
- **Color:** Fluorescent yellow/orange
- **Size:** S-4XL Closure: Velcro/Zipper



BB-WL-033

- **100% polyester solid or mesh fabric**
- **1 Inch width high reflective tape sewing on contrast tape**
- **Color:** Fluorescent orange/lime
- **Size:** S-4XL Closure: Velcro/Zipper

Class 2 Leadership High Visibility Vest

BB-WL-041

- **100% polyester solid or mesh fabric**
- **2 Inch width high reflective tape sewing on 4 inch contrast tape**
- **Custom pockets**
- **Color:** Fluorescent orange/lime
- **Size:** S-4XL Closure: Velcro/Zipper



BB-WL043

- **100% polyester solid or mesh fabric**
- **2 Inch width high reflective tape sewing on 3 inch contrast tape**
- **Custom pockets**
- **Color:** Fluorescent orange/lime
- **Size:** S-4XL Closure: Velcro/Zipper

BB-WL-049

- **100% polyester solid or mesh fabric**
- **2 Inch width high reflective tape sewing on 3 inch contrast tape**
- **Custom pockets**
- **Color:** Fluorescent orange/lime
- **Size:** S-4XL Closure: Velcro/Zipper



Safety Jacket and Pants

BB-WL-077

- **100% polyester,**
- **300D oxford with PU or PVC coating**
- **100% polyester 190T taffeta lining**
- **100% polyester 160g/m2 padding**
- **5cm width high reflective tape, with pockets inside and outside Yellow or orange**
- **Size:** M-5XL Closure: Zipper



BB-WL-078

- **100% polyester,**
 - **300D oxford with PU or PVC coating**
 - **100% polyester 190T taffeta lining**
 - **100% polyester 160g/m2 padding**
 - **5cm width high reflective tape, with pockets inside and outside Yellow or orange**
 - **Size:** M-5XL
- Closure:** Snaps and Zipper

BB-WL-079

- 100% polyester,
 - 300D oxford with PU or PVC coating
 - 100% polyester 190T taffeta lining
 - 100% polyester 160g/m2 padding
 - 5cm width high reflective tape, with pockets inside and outside
 - Yellow or orange
 - Size: M-5XL
- Closure:** Zipper



EN ISO 20471

BB-WL-080

- 100% polyester,
 - 300D oxford with PU or PVC coating
 - 100% polyester 190T taffeta lining
 - 100% polyester 160g/m2 padding
 - 5cm width high reflective tape, with pockets inside and outside
 - Yellow or orange
 - Size: M-5XL
- Closure:** Snaps and Zipper



N ISO 20471

BB-WL-081

- 100% polyester,
 - 300D oxford with PU or PVC coating
 - 100% polyester 190T taffeta lining
 - 100% polyester 160g/m2 padding
 - 5cm width high reflective tape,
 - 10cm width contrast tape with pockets inside and outside
 - Yellow or orange
 - Size: M-5XL
- Closure:** Snaps and Zipper



EN ISO 20471

BB-WL-082

- 100% polyester 300D oxford with
- PU or PVC coating
- 5cm width high reflective tape
- 2pcs Pockets inside
- **Closure:** Adjustable Snaps or zipper closure
- Size: M-5XL



EN ISO 20471:2013
ANSI/ISEA 107-2010

BB-WL-083

- 100% polyester 300D oxford with
- PU or PVC coating
- 5cm width high reflective tape
- 10cm width contrast tape
- 2pcs Pockets inside
- 10cm width contrast orange fabric
- **Closure:** Adjustable Snaps or zipper closure
- **Size:** M-5XL



EN ISO 20471:2013
ANSI/ISEA 107-2010



EN ISO 20471:2013
ANSI/ISEA 107-2010

BB-WL-084

- 100% polyester mesh fabric
- 5cm width high reflective tape
- 10cm width contrast tape
- 2pcs Pockets inside
- 10cm width contrast yellow fabric
- **Closure:** Adjustable Snaps or zipper closure
- **Size:** M-5XL

Safety Tshirt and Sweatshirt

BB-WL-065

- 100% Polyester birdseye fabric or jersey/Pique/Interlock fabric
- 5cm width high reflective tape
- Knitted rib collar or elastic rib collar
- **Size:** S-4XL



EN ISO 20471:2013/
ANSI/ISEA 107-2010

BB-WL- 065

- 100% polyester birdseye fabric or jersey/ Pique/interlock fabric
- 5cm width high reflective tape
- Custom pocket
- Knitted rib collar or elastic rib collar
- Size: S-4XL



EN ISO 20471:2013/
ANSI/ISEA 107-2010



EN ISO 20471:2013/
ANSI/ISEA 107-2010

BB-WL-074

- 100% polyester fleece
- Elastic rib collar and cuff
- 2pcs Pockets
- Yellow or orange with navy bottom
- Size: M-5XL



EN ISO 20471:2013/
ANSI/ISEA 107-2010

BB-WL- 075

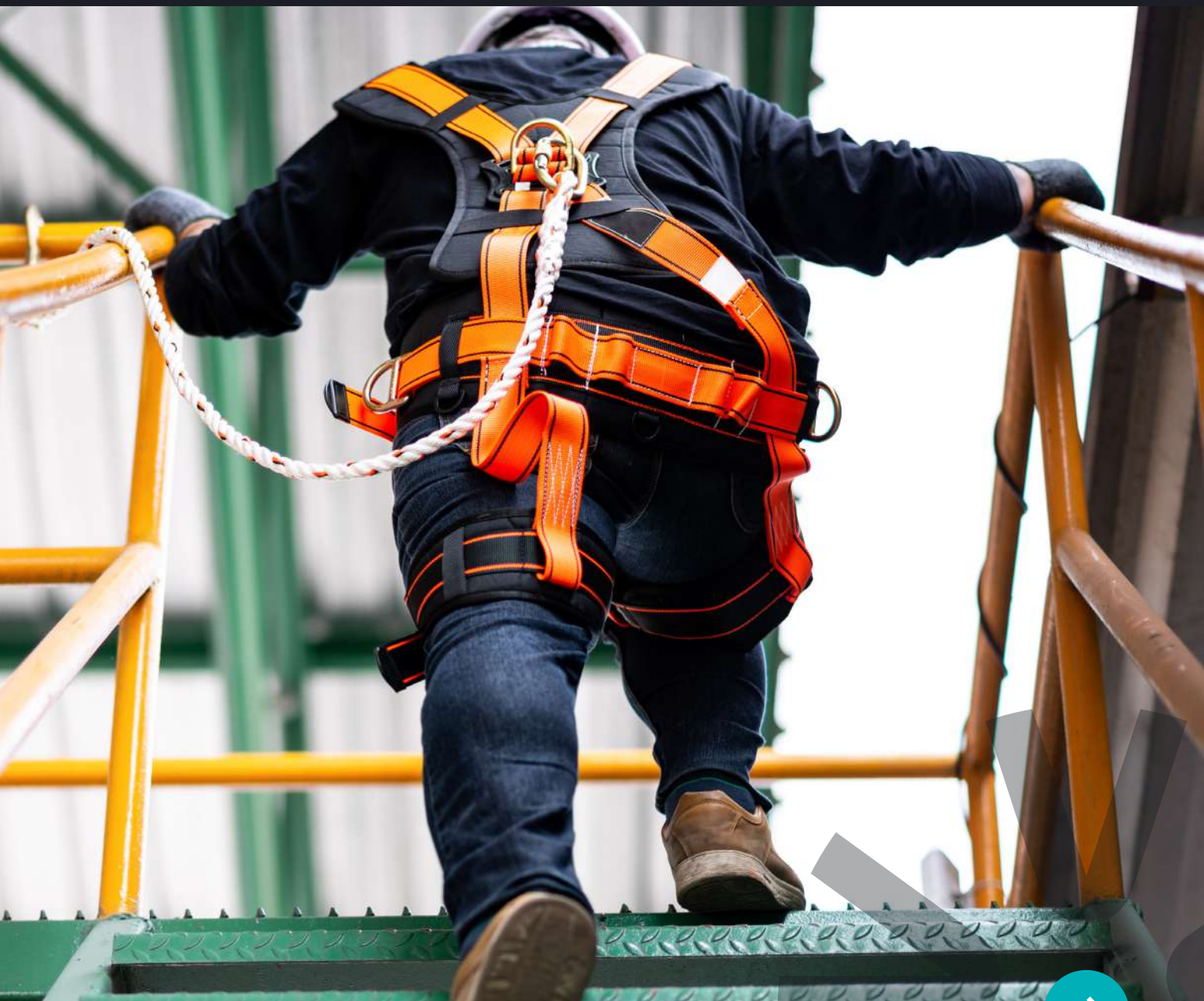
- 100% polyester fleece
- Elastic rib collar and cuff
- 2pcs Pockets with zipper closure
- Yellow or orange with navy bottom
- Size: M-5XL



EN ISO 20471:2013/
ANSI/ISEA 107-2010

BB-WL-076

- 100% polyester fleece
- Elastic rib collar and cuff
- 2pcs Pockets with zipper closure
- Yellow or orange with navy bottom
- Size: M-5XL



Safety Harnesses

Safety Harness

1. Basic Product Information

- **Product Name:** Vest – Style Harness
- **Colors:** Yellow
- **Applicable Scope:** rock climbing, mountaineering, rescue operations, etc.
- **Materials:**
Webbing: 100% high – strength polyester fiber, width: 45mm
Fasteners: Aluminum alloy or high – strength steel
Adjustment Devices: Corrosion – resistant and wear – resistant
- **Gross Weight:** 1.6kg



2. Features:

- Adopts high – strength polyester webbing.
- Non – tangling design.
- Equipped with a dorsal D – ring.
- Easy to wear.
- Comes with a self – rescue kit.
- Multi – point adjustable.

Three Point Safety Harness

1. 45mm wide,high-strength, wear-resistant, acid-resistant, and alkali-resistant polyester webbing.
2. Soft waist padding belt to improve the comfort of using .
3. Four-point adjustment: chest belt, leg belt, waist belt can all be adjusted in length, and the D-ring on the back can be adjusted up and down.
4. The dorsal D-rings for fall arrest and area restriction operations. Double waist D-rings for work positioning and on-site rescue operations.

Comply to standard: GB6095-2021

Safety Harness Net Weight:	1750g
Double Casting Hooks Buffer Rope Net Weight:	1300g
Double Forged Hooks Buffer Rope Net Weight:	1750g
Free Size Fit for User Weighing:	60-90kg
Pieces Per Carton	6 PCS
Carton Size	51.5x35x44cm
Standard	GB/6095-2021



Three Point Safety Harness

1. 45mm wide,high-strength, wear-resistant, acid-resistant, and alkali-resistant polyester webbing.
2. Soft waist padding belt to improve the comfort of using .
3. Four-point adjustment: chest belt, leg belt, waist belt can all be adjusted in length, and the D-ring on the back can be adjusted up and down.
4. The dorsal D-rings for fall arrest and area restriction operations. Double waist D-rings for work positioning and on-site rescue operations.

Comply to standard: GB6095-2021

Safety Harness Net Weight:	1750g
Double Casting Hooks Buffer Rope Net Weight:	1300g
Double Forged Hooks Buffer Rope Net Weight:	1750g
Free Size Fit for User Weighing:	60-90kg
Pieces Per Carton	6 PCS
Carton Size	51.5x35x44cm
Standard	GB/6095-2021



Five Point Safety Harness

1. 45mm wide, high-strength, wear-resistant, acid-resistant, and alkali-resistant polyester webbing.
2. Soft waist padding belt to improve the comfort of using.
3. Six-point adjustment: back belt, chest belt, leg belt, waist belt can all be adjusted in length, and the D-ring on the back can be adjusted up and down.
4. The dorsal D-rings for fall arrest and area restriction operations. Double waist D-rings for work positioning and on-site rescue operations. The chest D-rings for climbing operation.

Comply to standard: 886095-2021

Safety Harness Net Weight:	1750g
Double Casting Hooks Buffer Rope Net Weight:	1300g
Double Forged Hooks Buffer Rope Net Weight:	1750g
Free Size Fit for User Weighing:	60-90kg
Pieces Per Carton	6 PCS
Carton Size	51.5x35x44cm
Standard	GB/6095-2021



Three Point Safety Harness

1. 45mm wide, high-strength, wear-resistant, acid-resistant, and alkali-resistant polyester webbing.
2. Soft waist padding belt to improve the comfort of using.
3. Four-point adjustment: chest belt, leg belt, waist belt can all be adjusted in length, and the D-ring on the back can be adjusted up and down.
4. The dorsal D-rings for fall arrest and area restriction operations. Double waist D-rings for work positioning and on-site rescue operations.

Comply to standard: GB6095-2021

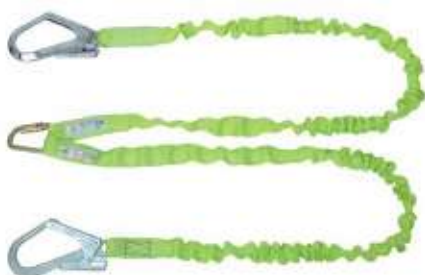
Safety Harness Net Weight:	1750g
Double Casting Hooks Buffer Rope Net Weight:	1300g
Double Forged Hooks Buffer Rope Net Weight:	1750g
Free Size Fit for User Weighing:	60-90kg
Pieces Per Carton	6 PCS
Carton Size	51.5x35x44cm
Standard	GB/6095-2021



Safety Harness Ropes – Dual Hook

BB-HBMS-04-D60

- **Double Hook Cushioned Rope**
[2 forged aluminum alloy hooks with 60mm openings + safety shock-absorbing rope + cushioning pack + one aluminum alloy connecting book]



BB-HBMS-04-D61

- **Dual Hook Connecting Rope**
[2 alloy steel forged large hooks with 55mm openings + safety shock-absorbing rope + cushioning pack + one alloy steel connecting hook]

Safety Harness Ropes – Single Hook

BB-HBMS-16-S55

- **Single Hook Buffering Rope**
[1 alloy steel forged hook with 55mm opening + buffering safety rope + buffering pack + 1 alloy steel connecting hook]



BB-HBMS-15-S60

- **Single-Hook Cushioned Rope**
[1 aluminum alloy forged large hook with a 60mm opening + adjustable safety rope (flat belt) + cushioning pack + one aluminum alloy connecting hook]

BB-HBMS-14-S110

- **Single-Hook Cushioned Rope**
[1 aluminum alloy forged large hook with a 110mm opening + safety rope + cushioning pack + one aluminum alloy connecting hook]



Pin Locking Carabiners

BB-PLC-06

Single Hook Buffering Rope Carabiner:

- Double-Locking Gate, Offset-D Shape, 1 in Gate Opening, 425 lb Capacity, Steel.
- Double-action twist-lock carabiners require two actions to open, ensuring that carabiners cannot be opened accidentally. To open the carabiner the gate must be rotated then drawn back.
- The carabiner locks automatically when released to ensure that it's ready for use.





Eyewear Protection
Safety Glasses



Safety Glasses Application Range and Instructions

Safety Protection by J&Y

We produce premium quality safety glasses with raw PC material original from Japan, Korea and Singapore have strengthen treatment of the lens, Nylon frame not easy deformation Perfection protection for your eyes.

Features:

- All the PC lens meet   AS/NZS certified products standard.
- All the PC lens are Impact, resistant can bear 160P of impact power.
- All the PC lens can be Anti-fog.
- All the PC lens are Anti-UV 380.
- All the PC lens are Anti-Scratch.



Impact Protection



Anti-scratch



Anti-UV



Transparent Lens



Grey Lens



Black Lens



Yellow Lens



Orange Lens

Safety Glasses

Adjustable Tricolor Safety Glasses

CE

BB-71003A

- Adjust length temples (4 position), for optimal comfort and fit.
- Ideal for site visitors
- Medium Impact protection
- Hard coat lens for Anti-Scratch
- Anti Fog Coating Technology
- 99.9% UV protection
- **Available in:** Clear & Smoke lens color's



◀ Soft Feet

3M Tour Guard V Wraparound Goggles

CE

BB-71009

- Design to sit over prescription glasses
- Ideal for site visitors
- Medium Impact protection
- Hard coat lens for Anti-Scratch
- Anti Fog Coating Technology
- Integrated side shields with vents
- 99.9% UV protection
- **Available in:** Clear & Smoke lens color's



◀ Over the glasses fit

Safety Protection by J&Y

We produce premium quality safety glasses with raw PC material original from Japan, Korea and Singapore have strengthen treatment of the lens, Nylon frame not easy deformation Perfection protection for your eyes.

Safety Goggles

Wide Vision Safety Goggles

BB-71052

- Fully ventilated style
- Indirect ventilation system minimize fogging and provides splash resistance Can be worn over most prescription glasses
- Optical Class 1 for high optical clarity to allow prolonged, comfortable wear
- Medium Impact protection
- Polycarbonate lens offers excellent impact resistance with Antiscratch coating for improved durability.
- Hard coat lens for Anti-Scratch
- Anti Fog Coating Technology
- 99.9% UV protection
- Available in Clear & Smoke lens color's



3M Tour Guard V Wraparound Goggles

BB-60001

- Poly carbonate lens offers excellent impact resistance with Anti-scratch coating for improved durability and PVC Frame.
- Economic style
- Adjustable headband
- Strap-secure, pressure free fit
- 99.9% UV protection



Breath Valve



CE CSA

Safety Goggles

Z-Aurora Protective Goggles

BB-60069

- Lightweight, flexible and durable
- Indirect ventilation system minimize fogging and provides splash-resistance Can be worn over most prescription glasses
- Optical Class 1 for high optical clarity to allow prolonged, comfortable wear
- Medium Impact protection
- Polycarbonate lens offers excellent impact-resistance with Anti-scratch coating for improved durability.
- Hard coat lens for Anti-Scratch
- Anti-Fog Coating Technology
- 99.9% UV protection
- Available in Clear & Smoke lens color's



Plastic Face Shield

BB-SG-81001



Lens: 

- Optical Class 1 for high optical clarity to allow prolonged, comfortable wear
- Medium Impact protection
- Poly carbonate lens offers excellent impact resistance with Anti-scratch coating for improved durability.
- Available in Clear & Smoke lens color's
- 99.9% UV protection



BB-SG-81002



- Disposable visor
- Material: 1.2mm PET
Elastic band
Foam pad
- Size: 33cm width from left end to right end * 22cm Height



Eyeware Protection Packaging





Cut Resistant Impact Gloves

BB-IG-SFT-2502

BB-IG-SFT-2502

Impact Gloves

1. Basic Product Information

- **Product Name:** Anti-Collision, Anti-Cutting, and Puncture-Resistant Mechanical Gloves
- **Product Specification:** Approximately 208 grams
- **Sizes:** M, L, XL, XXL
- **Colors:** Fluorescent Green, Fluorescent Orange
- **Customizable:** Yes, (LOGO customization supported)
- **Product Features:** Anti-impact, Anti-cutting, Puncture-resistant



2. Product Overview

These anti-collision, anti-cutting, and puncture-resistant mechanical gloves are made of high quality materials such as HPPE. They integrate functions of anti-impact, anti-cutting, and puncture-resistance, providing all-round protection for hand operations. Suitable for scenarios like mechanical processing, logistics handling, and outdoor operations, they contribute to safe and efficient work.

3. Core Materials and Functions

HPPE Material

Using anti-cutting HPPE material. It can effectively resist the risk of cuts from sharp tools and objects, safeguarding hand safety.

TPR Anti-Collision Strips

TPR anti-collision strips are configured on the fingers and the back of the hand, with excellent buffering performance. When encountering collisions and squeezes during operations, they can effectively disperse the impact force, preventing hand injuries from impacts and building a solid protective barrier for key hand parts.

Palm Shock-proof Cotton

Shock-proof cotton is built-in the palm. It can not only play a role in shock absorption when operating vibrating tools and carrying heavy objects, reducing hand fatigue, but also enhance the resistance to puncture objects, preventing sharp objects from piercing the gloves and injuring the palms.



4. User-friendly Designs

Reinforced Thumb Crotch

The thumb crotch area is specially reinforced. As a high-frequency stress point during hand operations, the reinforcement can improve wear-resistance and tear-resistance, extend the service life of the gloves, and ensure that the hands are not injured during grasping and force-applying actions.

Hook-and-Loop Cuff

Adopting a hook-and-loop adjustable cuff design, it can flexibly adjust the tightness according to the wrist thickness. It is convenient to wear and fits the wrist. It can not only effectively prevent dust and debris from entering the inside of the gloves but also enhance the overall wearing stability of the gloves, without easy slipping.

3D Stereo LOGO

The gloves are equipped with a 3D stereo LOGO, which not only improves product recognition and highlights the brand characteristics but also can be customized with exclusive LOGOs according to needs, helping enterprises to create personalized brand images and enhance brand awareness.

5. Applicable Scenarios

Widely applicable to scenarios such as machinery manufacturing, metal processing, logistics warehousing (heavy object handling and loading/unloading), construction, and outdoor exploration. It provides reliable protection for hand operations facing risks of cutting, impact, and puncture.

6. Usage and Maintenance Recommendations

1. Before Use: Check whether the glove appearance has damages such as breaks and unravelling, and ensure the integrity of the protective functions.

2. During Use: Avoid over-range and over-load use. If the gloves are damaged, they should be replaced in time to ensure the protection effect.





Disposable Gloves

Disposable Gloves

BB-2098-Latex Gloves

- Thicker and tougher with better protection for harsh working condition.
- 60g and 3-4 mil thick
- Suitable for jobs which requires maximum protection and grip
- 100% Biodegradable
- Strong, durable and provide excellent protection and fit
- Excellent comfort, exact fitting and sensitivity
- Natural rubber
- Tested Against Strength and Durability
- Available in sizes Small - XL

Features & Benefits:

- ✓ FDA ✓ Powder free ✓ Biodegradable
- ✓ Non-Sterile ✓ Natural Rubber Latex ✓ Standards



BB-2096-Vinyl Gloves

- Tougher with better protection for working condition.
- Non-Sterile, Powder-Free
- Suitable for jobs which requires lower risk environment safety
- 4.5g/3mil and over thick Stretchable for a comfortable Fit
- Strong, durable and provide excellent protection and fit
- Excellent comfort, exact fitting and sensitivity
- Cost-effective alternative for people with sensitive skin
- Tested Against Strength, Durability, Microbes and Viruses
- Available in sizes Small - XL

Features & Benefits:

- ✓ FDA ✓ Powder free ✓ Water Leak Passed
- ✓ Non-Sterile ✓ Air Leak Passed ✓ Standards



BB-08-Heavy Duty Nitrile Gloves

- Thicker and tougher with better protection for harsh working condition.
- 6 mil 0.15mm, Double thickness provides extra and longer protection
- Suitable for jobs which requires maximum protection and grip
- 100% Nitrile, a synthetic co-polymer
- Provides excellent tactile sensitivity and excellent grip
- Excellent comfort, exact fitting and sensitivity
- puncture resistant than natural rubber or vinyl gloves.
- Assurance that gloves will not tear easily.
- Chemical resistance against 18 chemicals
- Protection against viruses
- Available in sizes Small - XL

Features & Benefits:

- ✓ Air Leaks ✓ Water Leaks ✓ pH ✓ Innocuousness
- ✓ Dexterity ✓ Protection against Viruses ✓ Standards



BB-06-Nitrile Gloves

- Thicker and tougher with better protection for harsh working condition.
- 4-5 mil 0.10mm-0.125mm thickness provides extra and longer protection
- Textured Fingertips suitable for jobs which requires maximum protection and grip
- 100% Nitrile
- Finger textured provides excellent tactile sensitivity and excellent grip
- Excellent comfort, exact fitting and sensitivity
- puncture resistant than natural rubber or vinyl gloves.
- Assurance that gloves will not tear easily.
- Chemical resistance against 18 chemicals
- Protection against viruses
- Available in sizes Small - XL

Features & Benefits:

- ✓ Air Leaks ✓ Water Leaks ✓ pH ✓ Innocuousness
- ✓ Dexterity ✓ Protection against Viruses ✓ Standards





Nitrile Coated Work Gloves

BB-NG-SFT-2501

Nitrile Coated Work Gloves

1. Basic Product Information

- **Product Name:** Nitrile Frosted N55 Labor Insurance Work Gloves
- **Scenario Applications:** Construction industry, machinery manufacturing, chemical industry, etc
- **Application Scope:** Operations related to metal and industrial equipment
- **Needle count:** 13 Needles
- **Weight:** 50g
- **Function:** Wear-resistant



2. Product Overview

These Nitrile Frosted N55 Labor Insurance Work Gloves are crafted with imported nitrile material and advanced manufacturing processes. They integrate properties of wear resistance, durability, and comfort. Suitable for multiple industrial scenarios including construction, machinery manufacturing, and chemical industries, they provide a solid safety shield for hand operations involving metal and industrial equipment, facilitating efficient and safe work.

3. Product Structure and Materials

1. Structural Composition

- **Imported Nitrile Rubber:** Covers the palm and finger areas. It endows the gloves with excellent wear resistance, oil resistance, and acid-alkali resistance. Capable of dealing with complex working environments, it resists friction, puncture, and chemical erosion.
- **Flat-dipping Coating Process:** Ensures uniform coating adhesion, enhancing the protective capacity and service life of the gloves, and maintaining long-term stable protection.
- **High-quality Polyester Knitting:** Serves as the glove lining. It has good air permeability and comfort, keeping hands dry during long-term work and reducing stuffiness.
- **High - Elastic Rubber Band:** Used at the wrist. It can fit the wrist flexibly, effectively blocking dust and debris from entering, and is not easy to slip off, ensuring stable wearing.
- **Seamless Lock Edge:** Ensure the integrity and durability of the glove structure, prevent the seams from coming undone, and enhance the overall protective reliability.

2. Advantages of Core Materials

- **Imported Nitrile Rubber:** Features outstanding wear resistance and damage resistance, suitable for harsh working scenarios. Meanwhile, it is resistant to oil and acid-alkali, protecting hands from chemical hazards.
- **Polyester Knitting:** Lightweight and breathable, it avoids stuffiness. It can maintain a comfortable state for hands even during long-term work.

4. Product Features

Wear-Resistant and Durable

The nitrile frosted process combined with high-quality materials greatly improves the wear-resistance of the gloves. They can withstand high-intensity friction operations, prolong the service cycle, and reduce replacement costs.

Comfortable and Skin - Friendly

The polyester knitting lining, along with a reasonable structural design, makes the gloves fit hands well without tightness or slipping. It is labor-saving when gripping tools. The skin-friendly material reduces skin irritation, suitable for long-term work.

Multi-functional Protection

Possess properties of oil resistance, acid - alkali resistance, and slip resistance (excellent performance in water-oil environments). The salt-spraying process enhances friction, and the water-washing process ensures no peculiar smell. They provide multi-dimensional protection for hand safety and cleanliness.

Flexible Customization

Glove Size	Palm Width	Hand Length
XS	18cm (7.08")	22cm (8.67")
S	19cm (7.48")	23cm (9.05")
M	20cm (7.87")	24cm (9.45")
L	21cm (8.27")	25cm (9.84")
XL	22cm (8.66")	26cm (10.23")
XXL	23cm (9.06")	27cm (10.63")



Color customization is supported, and suitable colors can be selected as required. Multiple sizes (XS, S, M, L, XL, XXL) are available. Combined with accurate measurement methods (selecting sizes based on palm width and hand length), they meet the adaptation needs of different hand sizes.

5. Applicable Scenarios

Widely used in construction work, machinery manufacturing and processing, chemical industry operations, logistics warehousing and handling (such as heavy - load loading and unloading), etc. They provide reliable hand protection for operations related to metal and industrial equipment, such as part processing, equipment maintenance, and material handling.

6. Usage and Maintenance Recommendations

1. Before Use: Check that there is no damage or seam detachment on the gloves. Verify the integrity of the protective functions and confirm the size suitability according to the working scenario.

2. During Use: Avoid over-range and over-load use. If the gloves are damaged, replace them in time to ensure continuous and effective protection.ensure the protection effect.

3. After Use: Avoid over-range and over-load use. If the gloves are damaged, replace them in time to ensure continuous and effective protection.ensure the protection effect.



Hard Hats

Hard Hat

Type 1: BB-HH-SFT-2506-1

Heavy-duty hard hats to wear on the job.

- Adjustable 4-point ratchet suspension for a custom fit.
- Lightweight high-density polyethylene.
- Universal slots fit cap mounted ear muffs and accessories.
- Includes washable sweatband.

All hard hats come in assorted color options:



Dimensions	Front Brim (Depth): 2"
Size	Adjusts from 6 1/2 to 8"
Shelf Life	<ul style="list-style-type: none"> • 5 year service life from date of first use. • Date on brim is the date of manufacturing.
Temperature	Tested up to 140° F.
Feature	Reverse donning capability
Specifications	<ul style="list-style-type: none"> • Meets ANSI Z89.1 Type 1, Class C, G & E Standards • OSHA approved
Assembly	Assembly required

Full Brim Hard Hat

Type 1: BB-HH-SFT-2506-1FB

Extra 360° protection from sun, rain and debris.

- Easy adjust for custom fit.
- For construction, road crews and maintenance.
- Lightweight high-density polyethylene.

All hard hats come in assorted color options:



Vented Hard Hat

Type 2: BB-HH-SFT-2506-2

- OSHA & ANSI Z89.1 Type II Compliant:
- Superior side and top impact protection.
- **EN12492 Certified:**
Meets Clauses 4.2.1, 4.2.2, and 4.1.4 for safety and debris resistance.
- **360° Breathability:**
Vents and interior channels optimize airflow while blocking debris.
- **Lightweight, Durable Build:**
ABS/Polycarbonate shell & EPS liner for shock and scratch resistance (1.15 lbs total weight)
- **Custom Fit Suspension:**
Adjustable height (+/- 0.5 inch), circumference (52-63cm), and chin strap.
- **Machine-Washable Sweatband:**
Premium, hypoallergenic materials for all-day comfort.
- **Weather-Resistant:**
Built to handle tough job site conditions.
- **Quick Accessory Swaps:**
Dedicated points for visors, earmuffs, shields, and headlamps.



All hard hat come in assorted color options:





Ear Protection

Foam Earplugs



Hearing Protection by J&Y

All earplugs we produced are with premium quality, raw material original from Germany. They are tested by the authoritative Laboratory of NVLAP certification in US.

User Instruction for PU foam earplugs

The best rebound time in the ear canal is around 30-40 seconds under human body temperature, neither too fast nor too slow as it allows the plug fully insert the ear canal. However, Rebound time will vary with the ambient temperature goes too hot or too cold when fitting the earplug.



1
Roll to a small
creasefree cylinder



2
Insert
as shown



3
Hold until
expansion



4
Ensure
suitable fitting



Earplugs

BB-EC-1001A
BB-EC-1001A-C

BB-EC-1001A-C-D
(Metal Detectable)



EC-1001A(BWG)

EC-1001A(OV)



EC-1001A

Features and Benefits:

Comfortable

- Soft PU foam material for low pressure inside the ear
- Slow rebound allows fully attach to ear canal
- Design to fit majority ear canal with premium comfort and protection

Convenient

- Bullet design fits most ear canals making the plugs easier to use Dispenser available (ED-250, ED-500)
- Nylon cord or PVC cord helps prevent earplugs loss

EN 352-2:2020
SNR 38dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 32dB**
AS/ NZS 1270: 2002
SLC(80) = 26.1dB CLASS 5

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	30.1	34.2	41.0	41.7	38.2	45.2	45.7
Standard deviation Sf [dB]	3.9	4.0	4.1	4.7	3.0	4.1	4.6
APV MI-Sf [dB]	26.2	30.2	36.9	37.0	35.2	41.0	41.1

SNR=38dB
SNR_m=40.8dB
SNR_s=2.9dB

H=37dB
H_m=40.1dB
H_s=2.9dB

M=36dB
M_m=39.5dB
M_s=3.2dB

L=32dB
L_m=36dB
L_s=3.6dB

BB-EC-1001AS
BB-EC-1001AS-C



EC-1001AS

EN 352-2:2020
SNR 34dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 26dB**
AS/ NZS 1270: 2002
SLC(80) = 26dB CLASS 5

BB-EC-1003A
BB-EC-1003A-C



BB-EC-1003A-C-D
(Metal Detectable)



Features and Benefits:

Comfortable

- Long tapered-bullet design.excellent protection against industrial-environment noise
- Soft PU foam material for low pressure inside the ear
- Slow rebound allows fully attach to ear canal
- Design to fit majority ear canal with premium comfort and protection

Convenient

- Bullet design fits most ear canals making the plugs easier to use
- Dispenser available (ED-250, ED-500)
- Nylon cord or PVC cord helps prevent earplugs loss

EN 352-2:2020
SNR 37 dB

ANSI S3. 19-1974
Noise Reduction Rate **NRR 33dB**
AS/ NZS 1270: 2002
SLC(80) = 26.4dB CLASS 5

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	28.7	32.2	39.6	40.5	37.9	42.2	46.3
Standard deviation Sf [dB]	3.6	5.2	5.4	4.3	2.9	3.1	5.4
APV MI-Sf [dB]	25.1	27.0	34.2	36.2	35.0	39.1	40.9

SNR=37dB
SNR_m=39.5dB
SNR_s=2.5dB

H=37dB
H_m=39.4dB
H_s=2.5dB

M=35dB
M_m=38.1dB
M_s=2.9dB

L=30dB
L_m=34.0dB
L_s=3.6dB

BB-EC-1005A
BB-EC-1005A-C



Features and Benefits:

Comfortable

- Soft PU foam material for low pressure inside the ear
- Slow rebound allows fully attach to ear canal

Convenient

- Dispenser available (ED-250, ED-500)
- Nylon cord or PVC cord helps prevent earplugs loss

Compatible with

- Designed to be compatible with earmuff or other PPE

EN 352-2:2020
SNR 35dB

ANSI S3. 19-1974
Noise Reduction Rate **NRR 32dB**
AS/ NZS 1270: 2002
SLC(80) = 22dB CLASS 4

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	28.7	32.2	39.6	40.5	37.9	42.2	46.3
Standard deviation Sf [dB]	3.6	5.2	5.4	4.3	2.9	3.1	5.4
APV MI-Sf [dB]	25.1	27.0	34.2	36.2	35.0	39.1	40.9

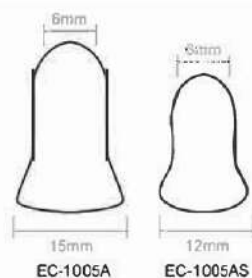
SNR=35dB
SNR_m=38.2dB
SNR_s=2.9dB

H=35dB
H_m=38.3dB
H_s=3.4dB

M=33dB
M_m=36.2dB
M_s=3.2dB

L=30dB
L_m=33.7dB
L_s=3.4dB

BB-EC-1005A
BB-EC-1005A-C



EN 352-2:2020
SNR 34dB

ANSI S3.19-1974
Noise Reduction Rate **NRR28dB**

BB-EC-1006A
BB-EC-1006A-C



EN 352-2:2020
SNR 35dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 31dB**
AS/ NZS 1270: 2002
SLC(80) = 18dB CLASS 3

Features and Benefits:

Comfortable

- Soft PU foam material for low pressure inside the ear
- Slow rebound allows fully attach to ear canal

Convenient

- Dispenser available (ED-250, ED-500)
- Nylon cord or PVC cord helps prevent earplugs loss

Compatible with

- Designed to be compatible with earmuff or other PPE

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation M_f [dB]	33.8	31.8	36.0	37.2	36.1	41.5	45.2
Standard deviation S_f [dB]	4.8	4.5	3.9	3.6	3.7	4.0	3.1
APV $M_i - S_f$ [dB]	29.0	27.3	32.2	33.6	32.3	37.5	42.1

SNR=35dB
SNR_m=38.1dB
SNR_s=2.8dB

H=35dB
H_m=37.7dB
H_s=3.2dB

M=33dB
M_m=36.3dB
M_s=3.1dB

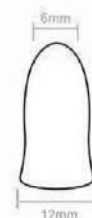
L=31dB
L_m=34.2dB
L_s=3.6dB

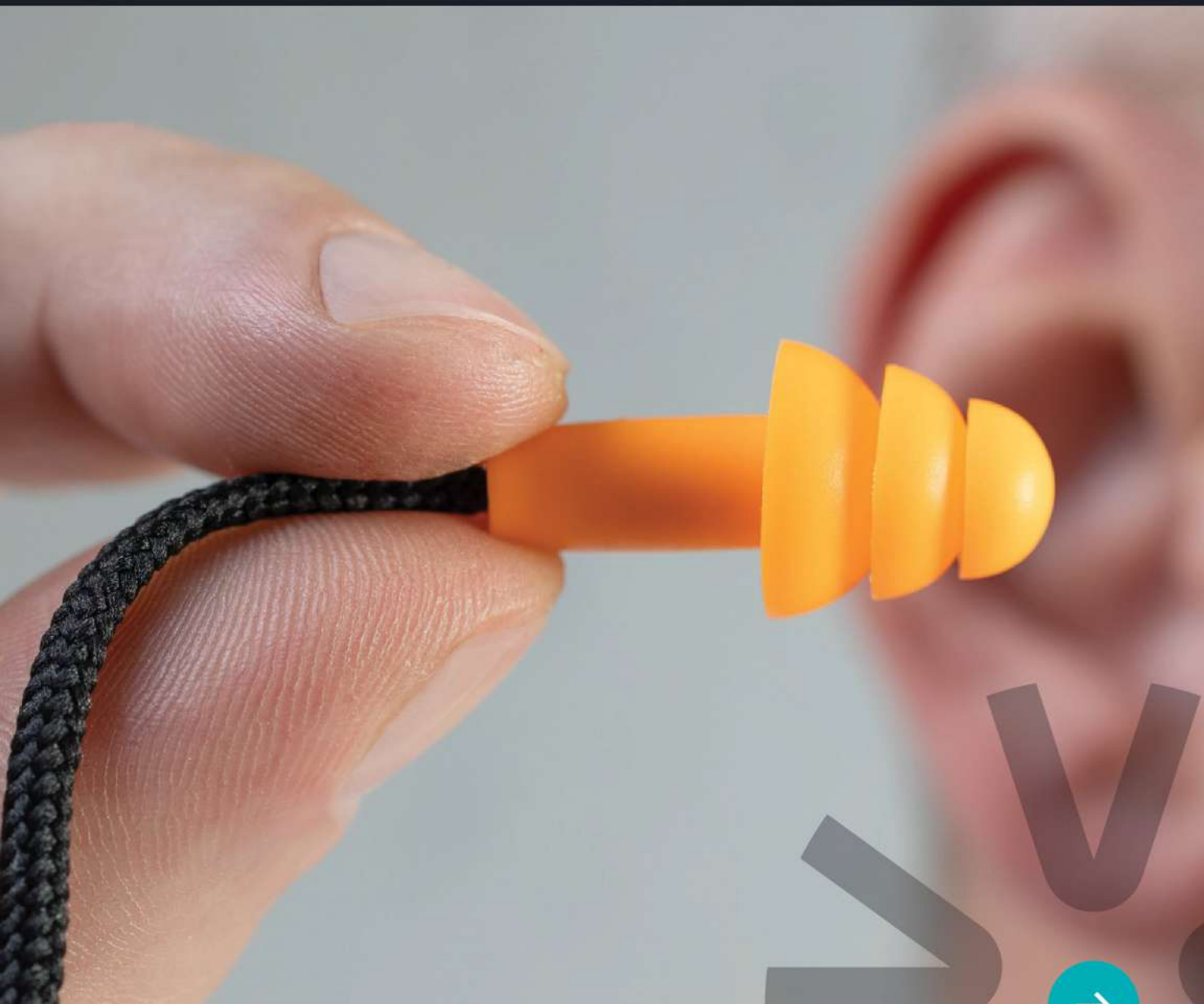


EC-1006A(GW)



EC-1001A(OPW)





Ear Protection

Silicone Earplugs

Reusable Silicone Earplugs



Application:

- Suitable for sleeping, travelling, swimming, surfing, showering, studying, working and sporting events.
- Reach around your head and pull up and back on your outer ear. This straightens out the ear canal, making way for a snug fit.
- Hold the stem end of the ear plug and insert it well inside your ear canal.
- Make sure you feel it sealing and the fit is comfortable.
- To remove, twist earplugs gently to break the seal and remove them slowly.
- They should be cleaned often in mild soapy water.
- If they become hard, torn or deformed, they should be replaced.



While holding the stem, reach a hand over your head and gently pull top of your ear up and back



Insert the earplug so all flanges are well inside your ear canal

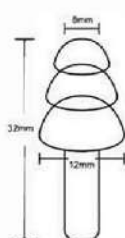


If properly fitted, the tip of the earplug stem may be visible to someone looking at you from the front



BB-EC-2001
BB-EC-2001C

BB-EC-2001C-D
(Metal Detectable)



Features and Benefits:

Comfortable

- Pure silicone material for low pressure inside the ear
- Reusable use for long time in good shape
- Humidity and sweat resistant, helps preventing from moisture ramp up in the ear canal
- 3 layers design allows fully attach to ear canal
- Design to fit majority ear canal with premium comfort and protection

Convenient

Christmas tree design fits most ear canals making the plugs easier to use Nylon cord or PVC cord , helps preventing from earplug loss

Compatible with

Designed to be compatible with earmuff or other PPE

EN 352-2:2020
SNR 32dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 26dB**
AS/ NZS 1270: 2002
SLC(80) = 24dB CLASS 4

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation M_f [dB]	34.5	30.4	36.0	31.9	36.1	41.2	43.0
Standard deviation S_f [dB]	5.8	4.4	4.7	4.6	4.8	5.6	4.1
APV M_i-S_f [dB]	28.8	26.0	31.3	27.3	31.2	35.6	38.9

SNR=32dB
 $SNR_m=36.3dB$
 $SNR_s=4.2dB$

H=32dB
 $H_m=36.5dB$
 $H_s=4.2dB$

M=29dB
 $M_m=33.6dB$
 $M_s=4.4dB$

L=28dB
 $L_m=32.6dB$
 $L_s=4.2dB$

BB-EC-2001S
BB-EC-2001S-C



Features and Benefits:

Comfortable

- Pure silicone material for low pressure inside the ear
- Reusable use for long time in good shape
- Humidity and sweat resistant, helps preventing from moisture ramp up in the ear canal
- 3 layers design allows fully attach to ear canal
- Design to fit most ear canal with premium comfort and protection

EN 352-2:2020
SNR 28dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 20dB**

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation M_f [dB]	30.9	28.8	31.4	33.2	33.6	29.6	35.2
Standard deviation S_f [dB]	4.9	5.0	6.2	6.1	4.3	4.6	5.6
APV M_i-S_f [dB]	26.0	23.7	25.2	27.1	29.3	25.0	29.6

SNR=28dB
 $SNR_m=32.0dB$
 $SNR_s=3.8dB$

H=28dB
 $H_m=31.2dB$
 $H_s=3.6dB$

M=27dB
 $M_m=31.5dB$
 $M_s=4.5dB$

L=26dB
 $L_m=30.4dB$
 $L_s=4.7dB$

BB-EC-2014
BB-EC-2014C



EN 352-2:2020
SNR 31dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 26dB**
AS/ NZS 1270: 2002
SLC(80) = 20dB CLASS 3

Features and Benefits:

Comfortable

- Pure silicone material for low pressure inside the ear
- Reusable use for long time in good shape
- Humidity and sweat resistant, helps preventing from moisture ramp up in the ear canal
- 3 layers design allows fully attach to ear canal
- Design to fit majority ear canal with premium comfort and protection

Convenient

Christmas tree design fits most ear canals making the plugs easier to use Nylon cord or PVC cord, helps preventing from earplug loss

Compatible with

Designed to be compatible with earmuff or other PPE

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	29.8	26.6	31.2	29.5	37.2	39.9	43.5
Standard deviation Sf [dB]	4.4	4.4	4.7	3.1	3.6	4.8	5.2
APV MI-Sf [dB]	25.4	22.2	26.5	26.4	33.6	35.1	38.3

SNR=31dB

SNR_m=33.9dB

SNR_s=2.8dB

H=33dB

H_m=35.9dB

H_s=2.8dB

M=28dB

M_m=30.7dB

M_s=2.8dB

L=26dB

L_m=38.9dB

L_s=3.2dB

BB-EC-2003
BB-EC-2003C



EN 352-2:2020
SNR 26dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 23dB**

Features and Benefits:

Comfortable

- Pure silicone material for low pressure inside the ear
- Reusable use for long time in good shape
- Humidity and sweat resistant, helps preventing from moisture ramp up in the ear canal
- 3 layers design allows fully attach to ear canal
- Design to fit majority ear canal with premium comfort and protection

Convenient

Christmas tree design fits most ear canals making the plugs easier to use Nylon cord or PVC cord, helps preventing from earplug loss

Compatible with

Designed to be compatible with earmuff or other PPE

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	27.3	24.7	27.3	27.0	28.4	30.6	39.6
Standard deviation Sf [dB]	4.6	4.5	5.1	4.9	4.4	3.9	4.4
APV MI-Sf [dB]	22.7	20.2	22.2	22.2	24.0	26.7	35.2

SNR=26dB

SNR_m=29.0dB

SNR_s=3.2dB

H=25dB

H_m=28.7dB

H_s=3.3dB

M=23dB

M_m=27.0dB

M_s=3.8dB

L=22dB

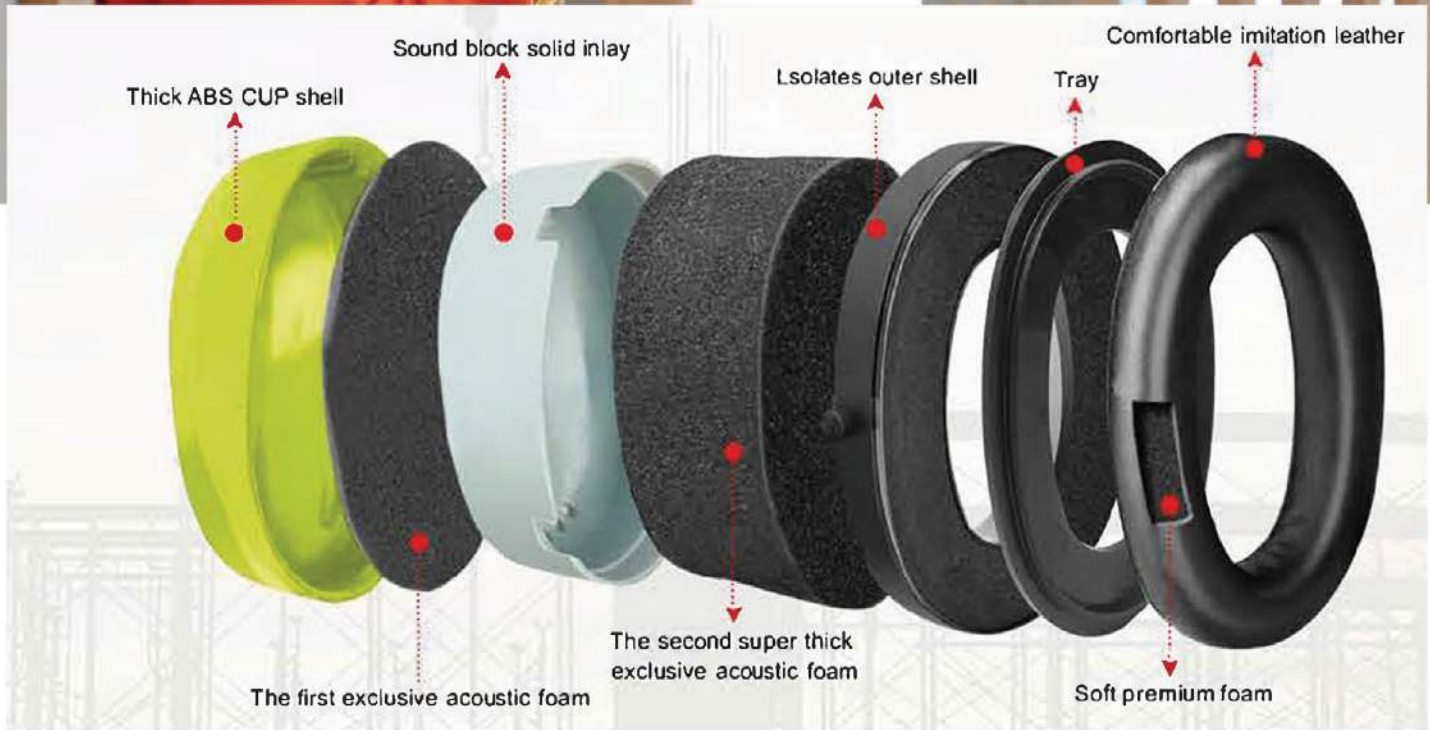
L_m=26.1dB

L_s=3.9dB



Ear Protection

Earmuffs



High Performance Technology

Industrial Use

- For Cutting, Repair the Road, Shooting
- For Study
- For Kids and Baby

Various Colours Available



BB-EM-5002B**AS/NZS**
certified products**Folding Headband****Features and Benefits:**

- Padded headband and ear cups for extended comfort.
- Stainless steel wire for easy personalized fit adjustment.
- Unique Double-shell design guarantee offer high noise Reduction Rating.
- Generous space inside cup to help the ears breathe thus improving comfort.
- Professional earmuffs for durability and reliability.
- Available in several versions including: Headband, foldable, neckband and helmet mounted versions, All versions are available in high visibility colors.

Suitable for Loud Machinery, Lawn Movers, Engines, Industrial Machines. Power tools, Loud Music, Noise places.

Test frequencies [Hz]	125	250	500	1000	2000	4000	8000
Mean attenuation [dB]	15.5	35.7	33.0	39.8	36.1	39.5	35.7
Standard deviation [dB]	1.6	2.2	2.8	3.3	2.4	3.4	2.2
Mean-minus-Std. dev. dB/APV	16.9	23.5	30.2	36.5	33.8	36.1	33.4
SNR=33dB SNR _m =34.5dB SNR _s =1.6dB	H=35dB H _m =37.4dB H _s =2.0dB		M=32dB M _m =33.2dB M _s =1.7dB		L=23dB L _m =24.2dB L _s =1.5dB		



Adjustable headband design
Designed with retractable Stainless steel at the end of headband adjust to fit all size.



Swivel Cup lined with Soft Foam
Swivel cup designed with soft foam Ear Cups provide maximum comfort and reduce pressure on your ears.



EN 352-1:2020
SNR 33dB

ANSI S3.19-1974
Attenuation data
NRR 26dB

AS/NZ S1270: 2002
SLC(80): 32.5dB
CLASS 5

Packing info:

Unit pack	Color box
QTY/CTN	30pcs
Carton Size	52x49x30cm
CBM/CTN	0.078CBM
20FT	10500pcs

BB-EM-5002

SNR: 33dB NRR: 26dB

**BB-EM-5002A****AS/NZS**
certified products

SNR: 34dB
EN 352-1:2020
NRR 27dB
SLC(80): 32.2dB CLASS 5

SNR=34dB
SNR_m=34.9dB
SNR_s=1.3dB

H=36dB
H_m=37.1dB
H_s=1.5dB

M=32dB
M_m=33.4dB
M_s=1.7dB

L=24dB
L_m=26.2dB
L_s=2.1dB

**BB-EM-5002C**

SNR: 31dB
SLC(80): 30.2dB CLASS 5

**BB-EM-5002D****AS/NZS**
certified products25mm/ 30mm
adaptor plug option

SNR: 30dB NRR: 22dB SLC(80): 28.4dB CLASS 5

**BB-FM-2E****AS/NZS**
certified products25mm/ 30mm
adaptor plug option

SNR: 30dB NRR: 24dB SLC(80): 26.6dB CLASS 5



BB-FM-1



AS/NZS
certified products



Features and Benefits:

- Unique plastic headband and ear cups for extended comfort and insulation.
- Generous space inside cup to help the ears breathe thus improving comfort.
- Professional earmuffs for durability and reliability.
- Available in high visibility colors.

Suitable for loud machinery, power tools, loud music, noisy places.

EN 352-1:2020
SNR 31dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 24dB**
AS/NZ S1270: 2002
SLC(80) = 31dB CLASS 5

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	15.9	19.2	28.1	37.7	37.5	40.1	37.5
Standard deviation Sf [dB]	1.9	2.0	2.3	2.4	2.0	2.9	2.8
APV MI-Sf [dB]	14.0	17.2	25.8	35.3	35.5	34.6	38.9

SNR=31dB
SNR_m=32dB
SNR_s=1.4dB

H=36dB
H_m=38.2dB
H_s=2.0dB

M=28dB
M_m=29.7dB
M_s=1.5dB

L=20dB
L_m=21.6dB
L_s=1.4dB

BB-FM-2



AS/NZS
certified products



Features and Benefits:

- Unique plastic headband and ear cups for extended comfort and insulation.
- Generous space inside cup to help the ears breathe thus improving comfort.
- Professional earmuffs for durability and reliability.
- Available in high visibility colors.

Suitable for loud machinery, power tools, loud music, noisy places.

EN 352-1:2020
SNR 33dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 26dB**
AS/NZ S1270: 2002
SLC(80) = 33dB CLASS 5

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation Mf [dB]	19.6	23.0	32.5	39.5	33.9	40.1	40.2
Standard deviation Sf [dB]	2.6	2.3	2.7	2.4	2.5	3.2	3.9
APV MI-Sf [dB]	17.0	20.7	29.8	37.1	31.4	36.9	36.3

SNR=34dB
SNR_m=34.4dB
SNR_s=1.7dB

H=34dB
H_m=36.3dB
H_s=2.3dB

M=31dB
M_m=32.7dB
M_s=1.8dB

L=23dB
L_m=25.5dB
L_s=2.1dB

BB-EM-5008



Features and Benefits:

- New Clarity improves safety and communication by blocking hazardous noise.
- Unique plastic headband and ear cups for extended comfort and insulation.
- Professional earmuffs for durability and reliability.
- Available in high visibility colors.
- High attenuation provides ideal protection for workers exposed to high levels of hazardous noise.

Suitable for loud machinery, lawn movers, engines, industrial machines, power tools, loud music, noisy places.

EN 352-1:2020
SNR 29dB

ANSI S3.19-1974
Noise Reduction Rate **NRR 22dB**
AS/NZ S1270: 2002
SLC(80) = 26.9dB CLASS 5

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Sound attenuation <i>M</i> _f [dB]	16.7	16.8	25.5	36.4	35.1	40.3	38.4
Standard deviation <i>S</i> _f [dB]	2.3	1.8	2.7	3.0	2.9	2.9	3.2
APV <i>M</i> _i - <i>S</i> _f [dB]	14.4	15.0	22.8	33.5	32.2	37.4	35.2

SNR=29dB SNR _m =30.2dB SNR _s =1.6dB	H=34dB H _m =36.6dB H _s =2.2dB	M=26dB M _m =27.6dB M _s =1.6dB	L=19dB L _m =20.3dB L _s =1.6dB
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Safety Products



BB- PPE-SBLC

Sensor Box Lockout Cable

Description:

All-Purpose Steel able Lockout Cable is flexible, strong and offers excellent chemical, corrosion and temperature resistance.

Dimensions	0.125 in Dia x 8 ft L
Material	PVC Coated Steel
Color	Clear
Service Temperature Range °F	-40 °F - 212 °F
RoHS Compliance Status	Compliant with Directive 2011/65/EU and 2015/863



BB-PPE-PLC

BrainWave Carabiner Hook

Features:

- Connect lanyards to anchor points.
- Safe, secure twist-lock design.
- Zinc-plated steel. 1" gate opening.

Length	4 5/8"
Max. Load (lbs.)	400
Weight	8 oz
Properties	5,000 lbs.

Extended Length Order Picker Self-Retracting Lifeline

BG-GJ-06 Waist Safety Belt With
Self-Retracting Lifeline



Net Weight	1450g
Packing	1 PC Per Box / 12 Boxes Per Carton
Capacity	Free Size Fit for User Weighing 60-90kg
Standard	5,000 lbs.

BG-GJ-07 Waist Safety Belt With
Self-Retracting Lifeline



Net Weight	1450g
Packing	1 PC Per Box / 12 Boxes Per Carton
Capacity	Free Size Fit for User Weighing 60-90kg
Standard	5,000 lbs.

BG-GJ-08 Waist Safety Belt With
Self-Retracting Lifeline



Net Weight	1450g
Packing	1 PC Per Box / 12 Boxes Per Carton
Capacity	Free Size Fit for User Weighing 60-90kg
Standard	5,000 lbs.

Soft Housing Cover

BG-GJ-SHC

Self retracting lifeline cover with hook and loop closure, for use with 66-100 ft. standard cable and 50-66 ft. leading edge models.

Features and Specs:

- Vinyl cover for self retracting lifelines; 66-100 ft. standard cable and 50-66 ft. leading edge models
- Fast and easy to install
- Lightweight and durable
- Built-in handle and label access pockets



BrainWave is focused on delivering a better planet.

We use sustainable and eco friendly options wherever possible within our supply chain.



*Innovation with **Purpose**,
Solutions with **Impact**.*



BUFFALO HEADQUARTERS

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