

Icon Guide



All Bullhead Safety® eyewear feature these important attributes:



ANSI Z87.1-2020 Rated

These ANSI Z87+ certified glasses have undergone intensive testing including basic and high-impact for lenses and frames, exposure to non-ionizing radiation and chemicals as well as durability to flammables and corrosion.



Anti-Scratch Hard Coat

All Bullhead lenses (except BH111-UC) are treated with an anti-scratch hard coat for an enhanced scratch-resistant surface.



Tapered Lens

Tapered to provide 100% visual acuity, which eliminates distortion by focusing light directly to the eye for full peripheral clarity. This helps reduce eye fatigue and depth perception issues.



UV Protection

Meet or exceed UV protection standards by filtering out 99.9% of dangerous UV light up to 400 nanometers.



Ergonomic Fit

Lightweight, flexible frames and temples that contour to the natural slope of the head. This relieves pressure points and discomfort, the top reason that workers neglect to wear safety glasses.



Select Bullhead styles feature these special attributes:



MIL-PRF-32432 Ballistic Rated

Meets the military specification for ballistic fragmentation impact protection.



Polarized

Filters out bent light waves eliminating glare, eye fatigue, and decreasing reflection off surfaces such as water, sand, and snow.



Precision Lens

Bullhead precision lenses manage how much blue light reaches the eye, ensuring objects appear sharper and clearer while reducing eyestrain and fatigue.



Performance Fog Technology

PFT is a water washable, hydrophilic anti-fog coating cured and permanently bonded to the lens. Absorbs moisture and spreads it consistently. Impact, abrasion, UV, and chemical resistant.



ANSI-Z87.1-2020 Anti-Fog

All Performance Fog Technology (PFT) glasses pass the ANSI Z87.1-2020 anti-fog standard for advanced protection against blurry and foggy vision.



Anti-Fog

Double dip coating of FSI brand hydrophobic Anti-Fog lens treatment is applied to all Anti-Fog lenses. Greatly reduces fog in hot, humid, and variable temperature environments.



Variable Tint

Photochromic lenses darken when exposed to ultraviolet light. When the UV light source is removed (for example by walking indoors), the lenses return to original tint.



Reader Style

Feature a magnification bifocal diopter positioned at the bottom inside of the lens. This improves workplace safety by eliminating the need to switch between safety and reading glasses.



Dielectric

Helps to protect your eyes from electric arcs that may form while you are working on power lines or heavy machinery.



Arc Flash Rated

Arc Flash Rated to 4.9 Cal/cm² protecting the retina from intense UV and IR exposure in the event of an arc flash.



Arc Flash Tested

Arc Flash Tested to 35 Cal/cm² without ignition or melting. Glasses with this rating may be suitable for complying to ASTM F1506, NFPA 70E, and CSA Z462 workplace electrical safety requirements.



Flame Resistant Foam Padding

Forms a seal, providing protection from dust, airborne particles, and orbital impact. Two types available: Removable (Maki, Dorado, Sawfish, and Stinger styles) and permanent (Steelhead and Torrent styles).



Table of Contents

GUIDES	
Eyewear 2	Hearing Protection56
Hard Hats44	Cooling 52
EYEWEAR	
Standard	Vented
Half-Frame	Stinger24-25
Swordfish18-19	Spearfish28-29
SwordfishX17	Wrap-Around
Mojarra27	Javelin26
Wahoo30	Foam-Lined
Picuda37	Steelhead Foam-Lined31
Kaku38	Torrent Foam-Lined36
Full-Frame	Special Styles
Acero13	Convertibles40-41
Dorado	Welding36
Maki	Polarized10
Pompano16 Sawfish14-15	
Frameless	Photochromic11
Bass	Readers12-13
Discus	Over-the-Glass38
Snipefish	Goggles39
Pavon	Displays43
Torrent34-35	Accessories 42
HEAD PROTECTION	HEARING PROTECTION
Hard Hats	Earplugs 57
Climbing Helmets45	Earmuffs58
Full Brim 46	Dispensers and Refill Kits 59
Cap Style	
Unvented with Ratchet Suspension47	
Unvented with Slide Lock Suspension48	COOLING, HEAT STRESS PROTECTION
Vented with Ratchet Suspension48	Vests and Neck Shades52
Bump Caps49	Towels
Baseball-Style Bump Caps49	Headbands and Shades53
Face Shields 50	neaddands and Shades53
Accessories 51	

Head and Face Protection

Winter Liners.....54

Lens Selection Guide

BROWN

Blocks blue light* and bright

sunlight for a crisp clear view

while reducing eye fatigue.

Good for all outdoors.

All Bullhead Lenses Feature:







SILVER MIRROR

VLT

12%

Reflects bright light and offers an exceptional low level conveyance of visible light. Good for bright light outdoor applications.

CLEAR

High levels of light transmission while blocking harmful UV rays. Good for indoor and low light areas and applications.

VARIABLE TINT

Chemically reacts to UV rays, darkening when outdoors and transitioning back to original tint when indoors.

COLORED MIRROR

Reflects bright light while providing glare reduction. With precision lens coating, colored mirror lenses also block blue light* for a sharper, clearer view.

VLT

10%

VLT 89%

VLT 89%

16%

VLT 80%

YELLOW

Enhanced brightness of visible light while blocking low levels of blue light*. Good for low light applications and environments.

POLARIZED

Provides protection in bright light conditions. Polarized filtration eliminates glare and reduces eye fatigue. Good for all outdoors.

VLT 16%

VLT 12%

LENS GUIDE

Visible Light Transmission

VLT

VLT

67%

70%

ORANGE

Enhanced brightness of visible light while blocking mid-range levels of blue light*. Good for low light applications.

SMOKE

Provides excellent protection from bright sunlight without causing distortion of colors. Good for outdoors

VLT

16%

32%

VLT

VLT 50% **52%**

LIGHT BLUE

Decreases eye fatique and enhances clarity by filtering out yellow light. Good for all types of lighting.

HIGH-CONTRAST ROSE

Increases contrast and comfort by blocking blue light* in an eye-friendly color. Good for bright outdoor environments.

INDOOR/OUTDOOR

Light flash mirror coating allows for 50% light transmission. They are dark enough to reduce bright sunlight outdoors and still light enough to be worn indoors.

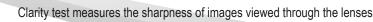
INDOOR/OUTDOOR **COPPER**

A light copper base with flash mirror coating enhances the brightness of visible light and blocks blue light*, while also being dark enough to be worn outdoors.

*Sources of blue light include the sun, digital screens (TVs, computers, laptops, smart phones, and tablets), and fluorescent and LED lighting.

Don't settle for anything less than the clearest, sharpest, most accurate vision.

All Bullhead lenses are made from high quality polycarbonate and exceed the testing standards of ANSI (American National Standards Institute), the yardstick of performance for the eyewear industry.



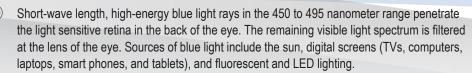
Refractive power test measures how inferior lenses distort by magnifying images

Prism test measures how the lenses bend light and make objects appear shifted from their true position



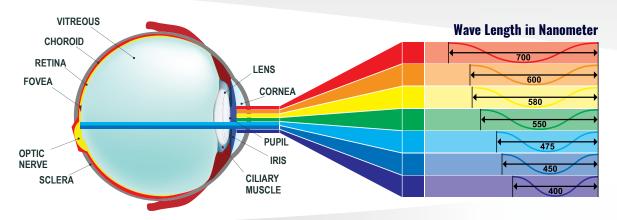
Precision Lens

Bullhead precision lenses block blue rays, which reduces eyestrain, increases visual acuity, and protects from the long-term effects of blue light exposure.



Short term exposure to blue light rays causes eyestrain, and long term exposure causes retinal damage which contributes to macular degeneration.





Ballistic Rated

Bullhead Safety® glasses exceed ANSI Z87.1-2020 standards

Select Bullhead Safety® glasses also meet the military specification for ballistic fragmentation impact

Ballistic rated safety glasses can withstand up to 6 times more impact energy than those passing ANSI Z87.1 testing



0.15 Caliber, 5.85 Grain cylindrical projectile made of cold rolled, annealed steel traveling at 660 feet per second.





Arc Flash Rated



The first Arc Flash Rated safety glass

This Bullhead Swordfish® glass is the first safety glass to go through the entire ASTM F2178-17b Arc Rating and Standard Specification for Eye or Face Protective Products.





Arc Rating (ATPV) = 4.9 Cal/cm²
Heat Attenuation Factor (HAF) = 70%
Hazard Risk Category (HRC) = 1 (minimum ATPV 4 Cal/cm²)



Swordfish® BH10616AF - pg. 18

Arc Flash Tested



Several Bullhead Safety® eyewear styles have been Arc Flash tested to 35 Cal/cm² without ignition or melting and meet minimum requirements for Arc Flash Testing. These styles may be suitable for complying with ASTM F1506, NFPA 70E, and CSA Z462 Workplace electrical safety requirements. An arc flash is an electrical explosion caused by an arcing fault, resulting in a rapid release of energy.

WHAT is Arc Flash Testing?

An arc flash is an electric arc explosion from an arcing fault which produces both radiant and convective heat with the potential to ignite clothing and burn workers.

The purpose of the test is to observe the response characteristics of safety glasses when exposed to an open-air electric arc. Arc flash testing is performed to determine a product or material's response to an electrical arc event by establishing an arc rating.

WHY Arc Flash Tested?

The most serious injuries typically occur when clothing ignites – arc flash testing is performed to ensure clothing will not ignite when faced with an arc flash. Matching the PPE to the hazard most often results in no injury to the worker since arc hazard assessment is typically very conservative.

WHO needs Arc Rating?

Arc flash testing is relevant for any worker potentially exposed to an electric arc generating a heat flux of >2 Cal/cm². Anyone with exposure to electrical hazards must have arc rated PPE available, as mandated by OSHA.

This is what happens when an arc flash occurs:

- Pressures generated 100's: 1,000's lb/ft²
- Sounds due to pressure waves can exceed 160 dB
- Debris and molten metal can reach speeds that exceed 700 mph
- The flash can reach temperatures in excess of 30,000 degrees Fahrenheit
- Extreme temperatures can vaporize copper wires with an estimated expansion of 67,000:1

Arc Flash Tested Styles:



Swordfish® - pg. 12, 18-19



Dorado® - pg. 20-21



Maki® - pg. 22-23



Bass™ - pg. 37



Spearfish® - pg. 13, 28-29



Mojarra® - pg. 27



Stinger® - pg. 24-25

PLEASE NOTE: The safety glasses and base materials tested are not arc rated. The arc testing performed is to determine at what cal exposure ignition or melting of the frame and lens occur. The lenses do not offer eye protection from arc exposure.



Measuring and Ergonomic Fit

It is extremely important safety eyewear fit properly

A proper fitting safety glass ensures comfort, increased productivity and enhances safety to reduce the risk of costly eye injuries. A simple measurement is all that is needed to help determine the proper fit. Another consideration when choosing the right pair of Bullhead Safety® eyewear is the lens base curve.

A lens base curve is the measure of the general shape of the lens. The higher the base curve, the more curvature there is in a lens, the more curvature the lens has the more it wraps around the face, creating more coverage and increasing side protection.

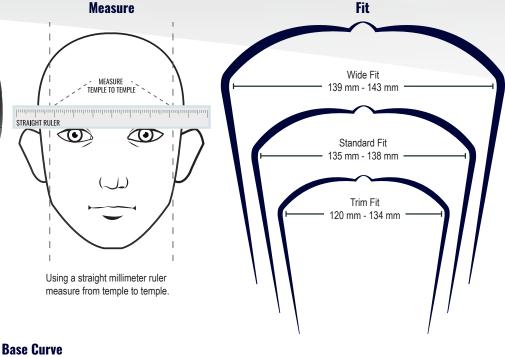




Ensures each frame makes contact only at the bridge of the nose and behind the temples

Maintains optics in perfect alignment for a clear view

Maintains a secure and comfortable fit for all day wear



Base Curve 8

The tables below will help you determine which Bullhead Safety® eyewear styles will best fit your needs.

(120 mm - 134 mm) Trim Fit			
Base Curve Page			
10	32		
8	22-23		
8	14-15		
8	12, 18-19		
9.5 17			
2	38		
10	41		
	10 8 8 8 9.5 2		

FI = Foam-I ined

(135 mm - 138 mm) Standard			
Style	Base Curve Page		
Bass	9.5	37	
Javelin	8	26	
Pavon	10	33	
Picuda	9	37	
Pompano	8	16	
Steelhead FL	8	31	
Torrent	10	12, 34-35	
Torrent FL	10	36	
Torrent Welding	10	36	
Wahoo	9	30	
Convertible - CG4	7	40	

Base Curve 4

Base Curve 2

(139 mm - 143 mm) Wide				
Style	Style Base Curve Page			
Acero	8	13		
Dorado	8	20-21		
Kaku	4	38		
Over-The-Glass	2	38		
Snipefish	8	30		
Stinger	9	24-25		
Spearfish	8	13, 28-29		

Base Curve 9



Base Curve 10

Frame Technology Bullhead Safety® eyewear is put to the test



These Bullhead Safety® Dorado® style glasses, along with the Bullhead Stainless Steel Retainer Cord have stood for four years with 20 pounds of weight tied over the bridge of the frame!

Bullhead Safety® eyewear is made with the highest quality polycarbonate. Formulated for high durability, the lightweight, space-age strength of Bullhead glasses frames provide superior protection and a high-level of comfort. Using the best polycarbonate on the market ensures that frames and temples are durable and virtually defect free.



Dorado® **BH95129PFT** - pg. 20

Bullhead Safety® **BHR3** - pg. 42 Stainless Steel Retainer Cord

This cord was used to hold up the 20 lbs of weight during the test!



In addition to being extremely strong and durable, several styles of Bullhead Safety® eyewear feature a permanent foam lining or can be equipped with an optional removable foam lining to block fine airborne particles from entering the eyes from under or around the frame. Foam liners also provide a cushion around the eye, preventing injury if an impact were to occur.

Permanent Foam-Lined Styles



Steelhead® Foam-Lined - pg. 31

Torrent™ Foam-Lined - pg. 36

Removable Foam-Lined Styles



Dorado® - pg. 20-21



Maki[®] - pg. 22-23



Sawfish™ - pg. 14-15



Stinger $^{\mathbb{R}}$ - pg. 24-25

Stinger $^{\mbox{\tiny \it lh}}$ - pg. 24-25

Convertible Foam-Lined Styles



CG4 - pg. 40



CG5 - pg. 41



Frame StylesBullhead Safety® eyewear offers a variety of frame styles

Choosing the correct frame style for the application being performed is important. Comfort, personal style preference, coverage, weight of the frame, and the peripheral vision needed should also be considered when choosing eyewear.



Full-Frame

Designed to be used as a barrier against the most intense sun. Full frames help deflect rays from direct and reflected sunlight.



Pompano™page 16	Sawfish™page 14-15
	Acero®page 13
Maki [®] page 22-23	. •

Frameless

Designed for a unobstructed 360 degree orbital field of view.



			_
Snipefish®	page 30	Torrent™page 12, 34-3	36
Discus™	page 32	Pavon®page 3	33
RaceTM	nage 37		

Foam-Lined

Features a permanent closed cell foam-liner to protect from airborne particles and debris.



Steelhead® Foam-Lined	page 31	
Torrent™ Foam-Lined	nage 36	

Half-Frame

Provides an unobstructed horizontal and terrain view.



Swordfish®Xpage 17	Wahoo®page 30
Swordfish®page 12, 18-19	Picuda®page 37
Mojarra®page 27	Kaku [®] page 38

Vented

Similar to the half-frame, vented frames feature properly placed ventilation ports to reduce fogging.



Stinger®	page	24-25
Spearfish®	page 13	28-29

Wrap-Around

Close fitting with superior orbital protection. Designed to offer frame flexibility to fit a wider range of head sizes.



Javelin™.....page 26

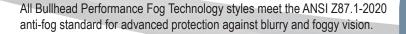
Performance Fog Technology



The next generation of anti-fog presents

consistently clear, fogless performance... even after washing, wiping, and wear.











It only takes one moment

With fog-obscured vision, workers are at risk for eye injury and bodily harm. Productivity and compliance are also affected when glasses are removed to wipe away fog and condensation.

The best defense against fogging

Performance fog technology is a water washable, hydrophilic anti-fog coating cured and permanently bonded to lens. The coating absorbs moisture and then spreads it consistently, providing clear, fog-free vision. Easy to clean and smooth to the touch, performance fog technology lenses provide impact, abrasion, UV, and chemical resistance. They have been tested to EN166K, EN166N, and EN166UV standards and provide exceptional optical quality.



Pompano™ BH27710PFT - pg. 16



Pavon® **BH511PFT** - pg. 33

Torrent™ **BH111PFT** - pg. 35

Torrent™ **BH133PFT** - pg. 34

Polarized

Reduce eye fatigue and enhance visual acuity with Bullhead 360 polarized lenses



Variable Tint/Photochromic lenses shield your eyes from 100% of the sun's harmful UVA and UVB rays

Variable Tint



Indoor/Outdoor Copper Lens











LIGHTWEIGHT SPORT FRAME provides maximum protection



ADJUSTABLE NOSE PADS for a customized fit

BH1061101.0 Bifocal Diopter **BH106115**.....1.5 Bifocal Diopter **BH106120**.....2.0 Bifocal Diopter **BH106125**......2.5 Bifocal Diopter

Frame Color Matte Black



MAGNIFICATION DIOPTER

positioned at the bottom inside corner



BH1063252.5 Bifocal Diopter

Lens Frame Color | Matte Black

Smoke

DUAL 8 BASE CURVE LENSES

for 100% visual clarity

TORRENT READERS

Frame Width: 135 mm | Weight: 24 Grams | Base Curve: 10





TRADITIONAL STYLING

for comfortable look and feel





for maximum protection and clarity

BH111101.0 Bifocal Diopter **BH11115**......1.5 Bifocal Diopter **BH11120**......2.0 Bifocal Diopter **BH11125** 2.5 Bifocal Diopter

Frame Color | Frosted Clear



MAGNIFICATION **DIOPTER**

positioned at the bottom inside corner



BH113315......1.5 Bifocal Diopter **BH113320**2.0 Bifocal Diopter BH113325 2.5 Bifocal Diopter

Lens

Frame Color Frosted Black











VENTED TEMPLES

increase airflow to prevent fogging



Retainer cord included with each pair of Spearfish® glasses. BH225115PFT 1.5 Bifocal Diopter BH225120PFT2.0 Bifocal Diopter BH225125PFT2.5 Bifocal Diopter

Clear PFT Frame Color Shiny Black

MAGNIFICATION DIOPTER

positioned at the bottom inside corner

TPR NOSE PIECES AND TEMPLE ENDS

prevent eyewear from slipping



BH225315PFT 1.5 Bifocal Diopter BH225320PFT.....2.0 Bifocal Diopter

BH225325PFT......2.5 Bifocal Diopter

Smoke PFT Frame Color Shiny Black

Frame Width: 140 mm | Weight: 35 Grams | Base Curve: 8

ACERO[®]







Lens

Smoke



BH24211

Lens Frame Color

Clear Gunmetal

COMFORT-FIT TEMPLES

prevent slipping



LIGHTWEIGHT AND COMFORTABLE

for style and high-quality protection

ADJUSTABLE NOSE PADS

comfort-fit for maximum wearability

BH24217

Lens Frame Color

Silver Mirror Gunmetal

Bullhead







TPR TEMPLE ENDS

prevent eyewear from slipping



filter out harmful light reflection with POLARIZED PRECISION LENSES



BH2679PFT







Frame Color

Blue Mirror PFT Polarized Tortoise/Black



Frame Color

High Contrast Rose



Silver Mirror Anti-Fog Frame Color | Tortoise/Black



Variable Tint PFT Lens Frame Color | Matte Black



Lens

Smoke Anti-Fog Frame Color | Matte Black

SAWFSH[™]







features sleek curvature



INSET TPR NOSE BRIDGE

for all-day comfort



Variable Tint PFT Polarized





BH26718PFT

FULL-FRAME DESIGN boasts chiseled lines



Gold Mirror PFT Polarized Frame Color | Tortoise/Black



This removable foam gasket is designed to be easily clipped into the Sawfish $^{\mbox{\scriptsize TM}}$ glasses frame with two snaps.



Green Mirror Anti-Fog Frame Color **Woodland Camo**



Clear Anti-Fog Lens Matte Black Frame Color



POMPANO

















LIGHTWEIGHT SPORT FRAME

provides maximum protection



Frame Color

Green 4.9 Cal/cm² Rated Anti-Fog Matte Black



Variable Tint Anti-Fog Lens Frame Color Matte Black



BH106129





Frame Color

Blue Mirror Polarized Matte Black



Lens Silver Mirror Matte Black Frame Color



Lens Smoke Anti-Fog Frame Color Matte Black



Smoke PFT Lens Frame Color | Matte Black





















BH10714 Indoor/Outdoor Copper Lens Frame Color Crystal Brown



Lens **Brown Flash Mirror** Frame Color | Crystal Brown



Clear Anti-Fog Lens Frame Color | Crystal Black



Clear PFT Lens Crystal Black Frame Color













Lens | Dark Smoke Anti-Fog Frame Color | Crystal Black



Lens Indoor/Outdoor Copper
Frame Color Crystal Brown



Lens Silver Mirror
Frame Color Shiny White













Shiny Pearl Gray

Frame Color













CLOSED-CELL EVA FOAM INSERT





optional removable protection from particles



BH1419AF

Blue Mirror Anti-Fog **Crystal Clear**



Lens Silver Mirror Polarized Frame Color | Shiny Black



Smoke PFT Lens Frame Color | Crystal Black



BH14183AF

Lens Smoke Anti-Fog Frame Color | Shiny White



BH14187AF

Silver Mirror Anti-Fog Lens Frame Color | Shiny White



Lens

Smoke Anti-Fog Frame Color | Crystal Black

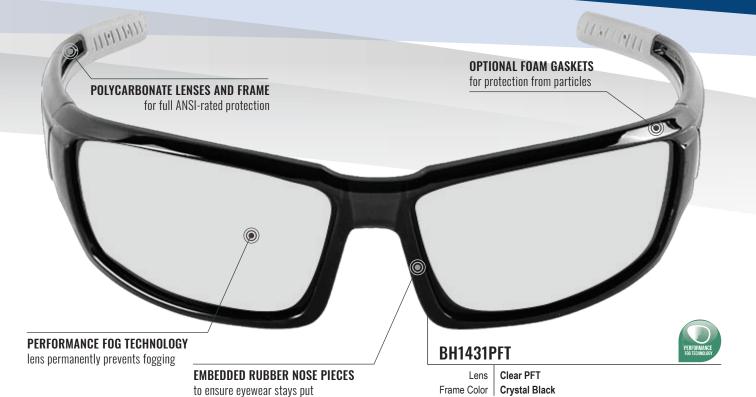












BH14G

Optional removable flame-resistant foam gasket is available for all Maki® safety glasses.



Lens Clear Anti-Fog
Frame Color Crystal Black



Lens Blue Mirror Polarized
Frame Color Silver Inlay



Lens | Brown Anti-Fog Frame Color | Crystal Brown



Lens Clear Anti-Fog
Frame Color Crystal Clear



Lens Indoor/Outdoor Anti-Fog
Frame Color Matte Black









RIGID FLARED TEMPLE ENDS

for a secure fit



SOFT NOSE PIECES

prevent eyewear from slipping



Lens Frame Color

Silver Mirror Shiny Black to Silver



Lens Smoke PFT
Frame Color Crystal Black



Lens Smoke Anti-Fog
Frame Color Crystal Black



BH6101AF

Lens Clear Anti-Fog
Frame Color Woodland Camo



Lens Yellow Anti-Fog
Frame Color Woodland Camo



BH654

Lens | Yellow Frame Color | Shiny Black



BH666

Lens Frame Color

Indoor/Outdoor Shiny Black















Optional flame resistant foam gasket for Stinger® styles

for Stinger® styles



Lens Smoke Anti-Fog
Frame Color Woodland Camo



Lens Smoke Polarized
Frame Color Dark Gray



Lens Clear PFT
Frame Color Shiny Pearl Gray



Lens Clear Anti-Fog
Frame Color Shiny Pearl Gray



Lens Clear
Frame Color Shiny Pearl Gray

BH691











DUAL-INJECTED TPR ENDS

for a slip-free experience

WRAPPED LENSES AND FRAME

for superior orbital protection



Lens Red Mirror
Frame Color Matte Black



Lens Green Mirror Polarized
Frame Color Shiny Black



Lens Brown
Frame Color Woodland Camo



Lens Indoor/Outdoor Copper
Frame Color Crystal Brown



Lens | Silver Mirror
Frame Color | Black to Orange



Lens Clear Anti-Fog
Frame Color Shiny Pearl Gray



Lens | Dark Smoke Anti-Fog Frame Color | Crystal Black











prevent eyewear from slipping



SPORT INSPIRED STYLE transitions from work to play

VENTILATED NOSE PIECES improve airflow to prevent fogging

Blue Mirror Lens Frame Color | Matte Black



Lens Polarized Brown Frame Color **Crystal Brown**



Copper with Blue Mirror Lens **Shiny Black** Frame Color



Brown Lens Frame Color **Woodland Camo**



Dark Smoke Anti-Fog Lens Frame Color | Crystal Black



Yellow Lens Frame Color Crystal Black



Clear Anti-Fog Lens **Shiny Pearl Gray** Frame Color







VENTED TEMPLES

increase airflow to prevent fogging





Retainer cord included with each pair of Spearfish® glasses.

prevent eyewear from slipping



Lens Smoke Anti-Fog
Frame Color Shiny Black



Lens Blue Mirror
Frame Color Shiny Black

Frame Color | Shiny Black



Lens Indoor/Outdoor
Frame Color Shiny Black



Lens | Clear PFT
Frame Color | Shiny Black

BH2251PFT



Lens Clear Anti-Fog
Frame Color Shiny Black

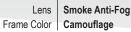
BH2256

SPEARFISH®











Lens Yellow Anti-Fog Frame Color | Shiny Black



Lens **Brown Anti-Fog** Frame Color Camouflage

Frame Width: 143 mm | Weight: 24 Grams | Base Curve: 8

SPEARFISH®

Economy



Lens Clear Anti-Fog Shiny Black Frame Color



Lens Smoke Anti-Fog Frame Color **Shiny Black**





FLEXIBLE FRAME

Lens Silver Mirror Frame Color Shiny Black



prevent eyewear from slipping

Frame Width: 140 mm | Weight: 23 Grams | Base Curve: 8





RUBBER TEMPLE SLEEVES

prevent eyewear from slipping



FRAMELESS SINGLE LENS for 100% visual clarity



Orange Anti-Fog Frame Color Matte Black



Frame Color | Matte Black



Clear Anti-Fog Frame Color Matte Black



Lens Yellow Anti-Fog Frame Color Matte Black



Smoke Anti-Fog Frame Color Matte Black

Frame Width: 135 mm | Weight: 30 Grams | Base Curve: 9



ADJUSTABLE TPR NOSE PADS for a customized fit



AGGRESSIVELY SCULPTED LENSES

for superior orbital protection

SPORT-INSPIRED FRAME offers streamlined style





Brown Polarized Frame Color | Woodland Camo



Blue Mirror Lens Frame Color Crystal Clear



Brown Crystal Brown Frame Color



BH1691AF

Lens Clear Anti-Fog Frame Color **Shiny Pearl Gray**













CLOSED-CELL EVA FOAM LINER

protects from particles

BH1366AF

Lens Indoor/Outdoor Anti-Fog



ANTI - FOG

Frame Color | Shiny Red

Silver Mirror Anti-Fog



Lens | Yellow Anti-Fog Frame Color | Matte Black



Lens Smoke Anti-Fog
Frame Color Matte Black



BH1391AF

Lens Clear Anti-Fog
Frame Color Shiny Pearl Gray

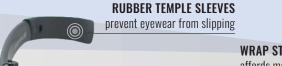












WRAP STYLE

affords maximum protection



BH578

Lens Brown Frame Color Frosted Brown



BH5410

Lens **Rainbow Mirror** Frame Color Frosted Black



BH584

Yellow Lens Frame Color | Frosted Yellow



Indoor/Outdoor Lens Frame Color **Frosted Clear**



Smoke Anti-Fog Lens Frame Color | Frosted Black



BH543

Lens Smoke Frame Color Frosted Black



BH525

Lens **Light Blue** Frame Color Frosted Blue



Clear PFT Frame Color | Frosted Clear



Clear Anti-Fog Frame Color | Frosted Clear



BH511

Clear Lens Frame Color **Frosted Clear**



TORRENT



TORRENT



TORRENT[™] FOAM-LINED









Lens | Smoke Anti-Fog Frame Color | Frosted Black



Lens | Clear Anti-Fog Frame Color | Frosted Clear

TORRENT

Frame Width: 135 mm | Weight: 24 Grams | Base Curve: 10



PICUDA®





BH467

9 BASE CURVE LENS for superior side coverage

Lens Silver Mirror
Frame Color Matte Black



BH461AF

Lens Clear Anti-Fog
Frame Color Matte Black



BH461

Lens Clear
Frame Color Matte Black



BH463

Lens Smoke
Frame Color Matte Black



BH464

0

Lens Yellow
Frame Color Matte Black



BH466

Lens Indoor/Outdoor
Frame Color Matte Black

Frame Width: 137 mm | Weight: 22 Grams | Base Curve: 9.5









Lens Clear Anti-Fog
Frame Color Frosted Clear

RUBBER TEMPLE ENDS
prevent slipping



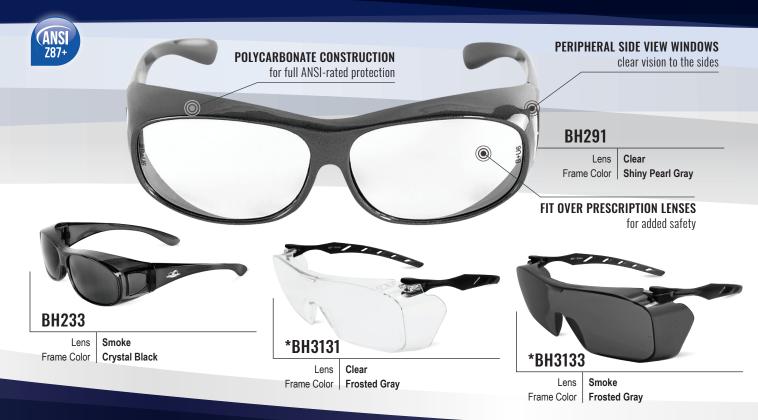
Lens Smoke Anti-Fog
Frame Color Frosted Black





Over-the-Glass

Frame Width: **144 mm** | Weight: **38 Grams** | Base Curve: **2**Frame Width: **134 mm*** | Weight: **29 Grams*** | Base Curve: **2**





Frame Width: 140 mm | Weight: 28 Grams | Base Curve: 4



Goggles





to keep vision clear

Smoke Anti-Fog Frame Color Matte Black Direct Vent Style



BH2011AF

Lens Clear Anti-fog

Frame Color Vent Style

Matte Black Direct

FOUR WAYS TO WEAR

for ultimate flexibility and protection

protects from airborne particles



VERSION 1: Standard Safety Glasses



VERSION 2: Foam-Lined Safety Glasses



VERSION 3: Safety Glasses With Elastic Strap



VERSION 4: Foam-Lined Elastic Goggles



CG5 - Convertibles











Frame Color Matte Black

FOUR WAYS TO WEAR for ultimate flexibility and protection



VERSION 1: Standard Safety Glasses



VERSION 2: Foam-Lined Safety Glasses



VERSION 3: Safety Glasses With Elastic Strap



VERSION 4: Foam-Lined Elastic Goggles

Cases and Bags



Retainer Cords

Lens Cleaning



Displays



BHDL10

10-Piece Locking Countertop Display

- 10 piece
- · Designed for glasses
- · Counter display
- Lockable



Two-Sided 36-Piece Countertop Display

- 36 piece
- · Two sides
- · Counter display
- · Custom designed to hold glasses and gloves





BHDF60

One-Sided 60-Piece Floor Display

- 60 piece
- · One side
- · Floor display
- · Custom designed to hold glasses and gloves



Floor Display

- 80 piece
- · Two sides
- · Floor display
- · Custom designed to hold gloves and/or glasses



Hard Hat Guide

OSHA REQUIREMENTS OSHA states: "Employees working in areas where there is a possible danger of head injury from impact, falling or flying objects, or from electrical shock and burns, shall be protected by protective helmets." If these hazards are present, employers must provide employees with head protection that meets ANSI standards. Climbing style protective helmets are required if work is being performed at 30 feet or higher.

SHELL Hard hats consist of a tough shell made of either HPPE or an ABS material.

- HPPE: HIGH PERFORMANCE POLYETHYLENE High-density fiber with large molecular mass and high-impact strength allows HPPE to transfer loads efficiently. It is highly resistant to strong acids, bases, and organic solvents.
- ABS: ACRYLONITRILE BUTADIENE STYRENE ABS offers strong impact resistance and shock absorbency. ABS is also heat-resistant, scratch-resistant, and resists strong acids, bases, and organic solvents.

STYLES Bullhead Safety™ offers several styles to ensure proper protection for every job.

SUSPENSIONS Raises the hard hat 1" to 1-1/4" to create space above the head of the user. This space allows room to absorb impact before it reaches the head.



SIX-POINT RATCHET



SIX-POINT SLIDE LOCK



GRIPSTER™ DOTS

Provides grip for quick and easy on and off.



ACCESSORIES

A wide variety of accessories are available for several of our hard hat styles.







TWO TYPES

- TYPE I: Designed to shield workers from objects and blows that come from above.
- TYPE II: Designed to protect against lateral blows and impacts, plus impacts to the top of the head.

THREE CLASSES (summarizes electrical hazard protection)

- CLASS G: General. Offers protection up to 2,200 volts.
- CLASS E: Electrical. Offers protection up to 20,000 volts.
- CLASS C: Conductive. Not designed to provide protection against electrical conductors.

ANSI STANDARD Z89.1 is the standard that covers hard hats. If a hard hat meets this ANSI standard, it is also compliant with OSHA.



CLIMBING STYLE

- ANSI Z89.1-2014 compliant
- Type 1, Class C
- ABS material
- Six-point ratchet suspension
- Four-point chin strap

CAP STYLE

- ANSI Z89.1-2014 compliant
- Vented or unvented available
- Vented: Type 1, Class C
- Unvented: Type 1, Class C
- → HPPE or ABS material*
- Gripster
 dots

*HH-C2-YG, HH-C2-C, AND HH-C3-C ARE ABS MATERIAL



FULL BRIM

- ANSI Z89.1-2014 compliant
- Type 1, Class E
- HPPE or ABS material*
- Six-point ratchet suspension
- Gripster™ dots

*HH-F1-YG AND HH-F1-C ARE ABS MATERIAL



BUMP CAP

- Non-compliant
- Lightweight polyethylene
- Ventilation holes
- Four-point slide lock suspension
- Two-point chin strap



- Non-compliant
- ABS material inner shell
- Mesh panel ventilation
- Adjustable hook-and-loop strap





Hard Hats: Climbing Helmet

HEADLAMP SLOTS on the sides

SIX-POINT RATCHET

suspension comes pre-assembled

ACCESSORY SLOTS

WEATHER AND CHEMICAL RESISTANCE

from ABS material design

PROPRIETARY

design and mold

FITS SIZES 6.5 TO 8

Climbing Style Protective Helmet with Six-Point Ratchet Suspension and Four-Point Chin Strap

- · Proprietary design and mold
- · Pre-installed adjustable four-point chin strap
- Each protective helmet is individually packaged in a retail ready box
- Fits hat sizes from 6.5 to 8







HH-CH1-W White



HH-CH1-Y Yellow



HH-CH1-YG High-Visibility Yellow/Green







EZ-CLICK ADJUSTABLE ratchet system



Bullhead Safety

Hard Hats: Unvented Full Brim

Compliance: **ANSI Z89.1-2014** | Type: **1** | Class: **E**



Hard Hats:

Unvented Cap Style



LOW PROFILE AND REVERSIBLE patented design for lightweight fit





HH-C2-Y Yellow



WEATHER AND CHEMICAL RESISTANCE

from ABS material design



0

FITS SIZES 6.5 TO 8

HH-C2-B Blue





ACCESSORY SLOTS

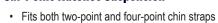
HH-C2-W



PROPRIETARY GRIPSTER DOTS underneath the brim



Unvented Cap Style Hard Hat With Six-Point Ratchet Suspension



· Patented design

Suspension includes a replaceable brow

HH-C2-YG

Orange



pad that wicks away sweat

High-Visibility Yellow/Green



PIVOT SYSTEM

for a secure fit









HH-C2-K

HH-C2-R Red

Black











EZ-CLICK ADJUSTABLE ratchet system with foam padding

Bullhead

Hard Hats: Unvented Cap Style

Compliance: ANSI Z89.1-2014 | Type: 1 | Class: C





LOW PROFILE AND REVERSIBLE

patented design for lightweight fit

PROPRIETARY GRIPSTER DOTS

underneath the brim







ACCESSORY SLOTS

HH-C1-Y Yellow

FITS SIZES 6.5 TO 8

brow pad wicks sweat so you stay
COOL, COMFORTABLE, AND DRY

Unvented Cap Style Hard Hat
With Six-Point Slide Lock Suspension

Fits both two-point and four-point chin straps

- · Patented design
- Suspension includes a replaceable brow pad that wicks away sweat
- Weather and chemical resistant HPPE material design



HH-C1-B Blue



EZ-CLICK ADJUSTABLE

slide lock system

Hard Hats: Vented Cap Style

Compliance: **ANSI Z89.1-2014** | Type: **1** | Class: **C**





LOW PROFILE AND REVERSIBLE patented design for lightweight fit

PROPRIETARY GRIPSTER DOTS

underneath the brim



ACCESSORY SLOTS



HH-C3-CShiny Black
Graphite

FITS SIZES 6.5 TO 8



HH-C3-W White



brow pad wicks sweat so you stay **COOL, COMFORTABLE, AND DRY**

PIVOT SYSTEM for a secure fit

EZ-CLICK ADJUSTABLE ratchet system with foam padding

Vented Cap Style Hard Hat with Six-Point Ratchet Suspension

- Fits both two-point and four-point chin straps
- · Patented design
- Suspension includes a replaceable brow pad that wicks away sweat
- Weather and chemical resistant HPPE material design



HH-C3-Y Yellow





Compliance: Not Rated | Type: Not Rated | Class: Not Rated

Hard Hats:

Vented Bump Cap



Compliance: Not Rated | Type: Not Rated | Class: Not Rated

Hard Hats: Baseball Style Bump Cap



Hard Hats: Accessories



Hard Hats:

Accessories

13 LED LIGHTS

provide extra visibility

3M™ SCOTCHLITE™ REFLECTIVE MATERIAL

provides extended visibility

USB MINI CHARGING CORD

included with each band

HH-LED1

Rechargeable LED Light Band

RECHARGEABLE BATTERY PACK

lasts up to 16 hours on a one-hour charge

HOOK-AND-LOOP EASILY ATTACHES

to most hard hats

HP-M3

Premium High-Visibility Cap Mounted NRR 22 dB Earmuffs

- Multi-position cap-mounted earmuffs
- Universal mounting attachment fits most slotted hard hats
- Features ABS cups for their durability and impact resistance





Evaporative Cooling Neck Shade





Browguard With Ratchet Adjustment

- · Accommodates a variety of face shields
- · Pivoting action
- Meets ANSI Z87.1-2020 standards





Six-Point Ratchet Suspension Replacement



Two-Point Chin Strap



HH-A2

HH-BG1

Sweatband Replacement



HH-A5

Four-Point Chin Strap



Replacement Suspension Padding for Climbing Style Helmets





Four-Point Chinstrap Replacement for Climbing Style Helmets

Cooling

HOW TO ACTIVATE COOLING FUNCTION



Soak in cool water



Squeeze out excess water



Twirl in the air for activation

Bullhead Safety® high-performance cooling products prevent injuries from heat stress. One cooling towel can protect from overheating and related conditions for up to 5 hours.





Cooling



12 in x 40 in

Winter Liners

HARD HAT ATTACHMENT

WARMING POCKETS
over the ears



WL920FR

Inherently FR Flame-Resistant 3M™ Thinsulate™ Shoulder-Length Winter Liner

- · Silver reflective accent logo
- Arc Rating (EBT) = 31 Cal/cm²
- Heat Attenuation Factor (HAF) = 91%
- NFPA 70E Arc Flash PPE Category: 3
- · Meets ASTM F1506 NFPA 70E



FR MODACRYLIC/COTTON SHELL

with 3M™ FR Thinsulate™ inner layer

modacrylic/cotton
RED FLEECE LINING









WL900FR

Inherently FR Flame-Resistant 3M™ Thinsulate™ Winter Liner

- FR modacrylic/cotton shell with 3M[™] FR Thinsulate[™] inner layer
- · Modacrylic/cotton red fleece lining
- · Warming pockets over ears
- Silver reflective accent logo
- Arc Rating (EBT) = 31 Cal/cm²
- Heat Attenuation Factor (HAF) = 91%
- NFPA 70E Arc Flash PPE Category: 3
- Meets ASTM F1506 NFPA 70E



WL770FR

Self-Extinguishing Shoulder-Length Insulated Winter Liner

- Foam inner layer, and single-wash, FR-treated, red fleece lining
- · FR modacrylic/cotton outer shell
- Warming pockets over ears
- Silver reflective accent logo



WL520

Sherpa-Lined Insulated Three-Layered Shoulder-Length Quilted Winter Liner

- · White sherpa fleece lining
- · Quilted polyester shell
- Warming pockets over ears
- Silver reflective accent logo



WL420

Shoulder-Length Red Fleece Winter Liner

- · Soft red fleece lining
- Two-layer polyester shell
- · Silver reflective accent logo



WL400

Red Fleece Economy Winter Liner

- · Soft red fleece lining
- · Two-layer polyester shell
- · Silver reflective accent logo



WL500

Sherpa-Lined Insulated Ouilted Winter Liner

- · White sherpa fleece lining
- Quilted polyester shell
- · Warming pockets over ears
- Silver reflective accent logo



Hearing Protection

Earplugs











- Extra-soft, lightweight silicone seals the ear canal without pressure
- · Triple-flange shape with firm handle
- Packaged 1 pair per personal carrying case (includes chain attachment)
- · 100 pairs per display box



HP-S2

Corded Reusable Silicone NRR 26 dB Earplugs

- Extra-soft, lightweight silicone seals the ear canal without pressure
- · Triple-flange shape with firm handle
- Packaged: 1 pair per personal carrying case (includes belt attachment)
- 100 pairs per display box









Uncorded Polyurethane Foam NRR 33 dB Earplugs

- Extra-soft, lightweight foam seals the ear canal without pressure
- · Bullet shaped provides a snug fit
- Each pair is individually packaged in a polybag for retail sale
- · 200 pairs per display box



HP-F2

NRR

NRR 33 dB

Corded Polyurethane Foam NRR 33 dB Earplugs

- Extra-soft, lightweight foam seals the ear canal without pressure
- · Bullet shaped provides a snug fit
- Each pair is individually packaged in a polybag for retail sale
- 100 pairs per display box



HP-S3



Corded Metal Detectable Reusable Silicone NRR 23 dB Earplugs

- Extra-soft, lightweight silicone seals the ear canal without pressure
- · Triple-flange shape with firm handle
- Packaged 1 pair per personal carrying case
- 100 pairs per display box





- Lightweight and durable banded earplug
- · Reduces pressure on ear canal
- Includes one band plus two pairs of earplugs
- · Soft, ergonomic pods





Hearing Protection It is critical to use adequate no to avoid long lasting damage

It is critical to use adequate hearing protection

NOISE THRESHOLD

0 dB

NORMAL CONVERSATION 60 dB

NRR (Noise Reduction Rating)

Understanding hearing protection ratings and the effectiveness of hearing protection devices to decrease sound exposure.

OSHA advises that actual decibel reduction for NRR ratings should be estimated in the following manner.

As an example, the level of noise exposure for sandblasting is approximately 115 dB. Wearing earplugs with an NRR 33 dB does not reduce the level of noise exposure to 82 dB.

To determine the actual amount of decibel reduction, subtract seven from the stated NRR and then divide the result by two.

Wearing NRR 33 dB earplugs during sandblasting may reduce the level of noise exposure from 115 dB to 102 dB.

Combining hearing protection devices, such as earplugs and earmuffs adds five additional decibels of protection to the device with the higher NRR. For example, combining NRR 33 dB earplugs and NRR 27 dB earmuffs may reduce the level of noise exposure by a total of 38 dB.

Beginning Sound Level 115 dB

add NRR 33 dB earplugs with 50% Reduction

- 13 dB

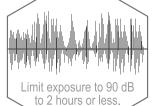
Sound Level with Earplugs 102 dB

Additional Protection add NRR 27 dB earmuffs

- 5 dB

Ending Sound Level 97 dB

80 dB



SAND BLASTING

115 dB

POWER SAW 110 dB

HEARING

At 115 dB and above, hearing loss can occur within one minute of exposure.

JACK HAMMER

130 dB

LOUDEST RECOMMENDED **EXPOSURE** WITH PROTECTION

OSHA requires employers to implement a hearing conservation program when noise exposure is at or above 85 decibels averaged over 8 working hours. If you need to raise your voice to speak to someone 3 feet away, noise levels might be over 85 decibels.



Hearing Protection

Earplugs









Uncorded Reusable Silicone NRR 26 dB Earplugs

- Extra-soft, lightweight silicone seals the ear canal without pressure
- · Triple-flange shape with firm handle
- Packaged 1 pair per personal carrying case (includes chain attachment)
- · 100 pairs per display box



Corded Reusable Silicone NRR 26 dB Earplugs

- Extra-soft, lightweight silicone seals the ear canal without pressure
- · Triple-flange shape with firm handle
- Packaged: 1 pair per personal carrying case (includes belt attachment)
- 100 pairs per display box







NRR

33 dB



Uncorded Polyurethane Foam NRR 33 dB Earplugs

- Extra-soft, lightweight foam seals the ear canal without pressure
- · Bullet shaped provides a snug fit
- Each pair is individually packaged in a polybag for retail sale
- · 200 pairs per display box



HP-F2

NRR

Corded Polyurethane Foam NRR 33 dB Earplugs

- Extra-soft, lightweight foam seals the ear canal without pressure
- Bullet shaped provides a snug fit
- Each pair is individually packaged in a polybag for retail sale
- 100 pairs per display box



HP-S3

NRR 26 dB

Corded Metal Detectable Reusable Silicone NRR 26 dB Earplugs

- Extra-soft, lightweight silicone seals the ear canal without pressure
- · Triple-flange shape with firm handle
- Packaged 1 pair per personal carrying case
- 100 pairs per display box



Lightweight Banded NRR 22 dB Earplugs

- Lightweight and durable banded earplug
- · Reduces pressure on ear canal
- Includes one band plus two pairs of earplugs
- · Soft, ergonomic pods





Hearing Protection Earmuffs

PADDED HEADBAND

soft ear cap **CUSHIONS**



HP-M4

NRR 27 dB

Premium High-Visibility Padded Band NRR 27 dB Earmuffs

- The over-the-head banded design provides maximum versatility
- Features ABS cups for their durability and impact resistance
- High-level attenuation is designed to provide a high noise reduction rating
- · Stainless steel wires prevent rust and corrosion

HARD ABS EAR CAPS



Premium High-Visibility Cap Mounted NRR 22 dB Earmuffs

- Multi-position cap-mounted earmuffs
- Universal mounting attachment fits most slotted hard hats
- Features ABS cups for their durability and impact resistance
- Soft PVC ear cushions deliver long-wearing comfort
- Stainless steel wires prevent rust and corrosion



Premium High-Visibility Foldable NRR 23 dB Earmuffs

- Adjustable and flexible reinforced plastic headband with four-point suspension
- Features ABS cups for their durability and impact resistance
- Soft PVC ear cushions deliver long-wearing comfort
- Stainless steel wires prevent rust and corrosion



Economy Adjustable NRR 23 dB Earmuffs

- Features soft ABS cups for their durability and impact resistance
- · 2-point adjustable headband
- Flexible reinforced plastic headband offers a custom fit
- Soft PVC ear cushions deliver long-wearing comfort



Hearing Protection

Accessories and Refills

expandable, slow rebound
BULLET-SHAPED FOAM EARPLUGS

Bullhead Safety

EARCHANGE

SOD PAIRS

BULLIUGS

SOD PAIRS

SON PAIRS

BULLIUGS

BULLI

HP-FDL1







PVC-Free Polyurethane Foam NRR 32 dB 500 Pair Earplug Dispenser



earplugs are made of soft NON-ALLERGENIC MATERIAL







PVC-Free Polyurethane Foam NRR 32 dB 250 Pair Earplug Dispenser

PRE-FILLED WITH 250 PAIRS

PRE-FILLED WITH 500 PAIRS

360-DEGREE FUNNEL dispenses earplugs hygienically

TWO MOUNTING HOLES on the dispenser stand

EARPLUGS

32

HP-FDL1-RF



Foam Earplugs Dispenser Refill Pack

- Includes 500 pairs
- 100% PVC-free PU single-use earplugs
- Expandable, slow rebound bullet shaped foam
- · Made of soft non-allergenic material

NRR 32dB

HP-FDS1-RF

PVC-Free Polyurethane Foam NRR 32 dB Earplug 250 Pair Refill Pack

- Includes 250 pairs
- 100% PVC-free PU single-use earplugs
- Expandable, slow rebound bullet shaped foam
- Made of soft non-allergenic material

HP-M1-RK

Hygiene/Replacement Kit for HP-M1 Earmuffs

- Includes two replacement ear cushions and two foam inserts
- · For use with HP-M1 earmuffs
- Features snap-in cushion system for easy replacement



HP-M4-RK

Hygiene/Replacement Kit for HP-M4 Earmuffs

- Includes two replacement ear cushions and two foam inserts
- For use with HP-M4 earmuffs
- Features snap-in cushion system for easy replacement





Bullhead Safety® Index

BH6FBG25, 6	
BH6G25, 6	
BH9G21, 6	
BH14G23, 6	
BH26G15, 6	
BH11135	
BH111-UC35	
BH111AF35	
BH111PFT9, 35	
BH12534	
BH13334	
BH133AF34	
BH133PFT9, 34	
BH13434	
BH13634	
BH14735	
BH14935	
BH17139	
BH181AF39	
BH191AF39	
BH23338	
BH29138	
BH35338	
BH36138	
BH36438	
BH46137	
BH461AF37	
BH46337	
BH46437	
BH46637	
BH46737	
BH51133	
BH511AF33	
BH511PFT9, 33	
BH51633	
BH52533	
BH54333	
BH543AF33 BH57833	
ВН58433	
BH633AF24	
BH633PFT9, 24	
BH654 8 24	
BH66624	
BH69125	
BH691AF25	
BH691PFT9, 25	
BH761AF30	
BH763AF30	
BH764AF30	
BH766AF30	
BH943AF20, 4	
BH943PFT20, 9	
BH96921, 5	
BH991AF21	
BH991PFT21, 9	
BH1031AF19	
BH1031PFT19, 9	

BH1063AF18, 4	
BH1063PFT18, 9	
BH106718	
BH1133AF27, 4	
BH11348, 27	
BH1151AF36	
BH115927	
BH116927	
BH1191AF27	
BH121736	
BH1233AF26	
BH1291AF26	
BH1363AF31	
BH1364AF31	
BH1366AF31	
BH1391AF31	
BH1411AF23	
BH141736	
BH1419AF22	
BH1431AF23	
BH1431PFT9, 23	
BH1433AF8, 22	
BH1433PFT9, 22	
BH1466AF23	
BH1478AF23	
BH161230	
BH167830	
BH1691AF30	
BH2011AF40, 6	
BH2033AF40	
BH2121AF8, 37	
BH2143AF37, 4	
BH2213AF29	
BH2251AF28	
BH2251AFE29	
BH2251PFT9, 28	
BH2253AF28, 4	
BH2253AFE29	
BH2253PFT9, 28	
BH2254AF29	
BH225628	
BH2257E29	
BH225928	
BH2519AF17	
BH2551AF17	
BH2553AF17	
BH2556AF17	
BH2661AF15	
BH2663AF14	
BH266414	
BH2677AF14	
BH2679PFT14, 10, 9	
BH2761AF16	
BH2763AF16	
BH2766AF16	
BH2769PFT16, 10, 9	
BH281132	
BH2811AF32	
BH281632	

BH283332	
BH2833AF32	
BH296239	
BH3061PFT9, 41, 6	
BH3063PFT9, 41	
BH3066PFT9, 41	
BH313138	
BH313338	
BH541033	
BH6101AF24	
BH6103AF25	
BH6108AF25	
BH611724	
BH7615AF30	
BH911721	
BH91878, 20	
BH971120, 11	
BH10116AF19	
BH10613AF18, 11	
BH10616AF8, 18, 4	
BH1071119	
BH1071419	
ВН1110827	
BH1111012	
BH1111512	
BH1112012	
BH1112512	
BH1171110, 27	
BH1210826	
BH1213726	
BH1261026	
BH1271411, 26	
BH13147AF31, 6	
BH13153AF36	
BH13156AF36, 6	
BH1331012	
BH14183AF22	
BH14187AF22	
BH1420910, 23	
BH22108AF8, 29	
BH2421113	
BH2421313	
BH2421713	
BH25116PFT17, 10, 9	
BH2518717	
BH26613PFT14, 11, 9	
BH26718PFT15, 11, 10, 9	
BH26719PFT15, 10, 9	
BH27116AF16	
BH27710PFT16, 10, 9	
BH61084AF24	
BH6171210, 25, 4	
BH95129PFT20, 10, 9, 6	
BH10611012	
BH10611512	
BH10612012	
BH10612512	
BH1061298, 18, 10	
DU406340 43	

BH10632012
BH10632512
BH11331512
BH11332012
BH11332512
BH14571210, 22, 4
BH16101210, 30
BH225115PFT13, 9
BH225120PFT13, 9
BH225125PFT13, 9
BH225315PFT13, 9
BH225320PFT13, 9
BH225325PFT13, 9
BH261016AF15
BH1061213AF19, 11, 10
BH125161210, 26
BHD3643
BHDF6043
BHDF8043
BHDL1043 BHHC42
BHLC2142
BHMB42
BHMC42
BHR142
BHR242
BHR342, 6
BHR442
GC1242
GC2442
GLO-CNS252, 51
GLO-CT153
GLO-CT253
GLO-CT3353
GLO-CT4453
GLO-CV152
GLO-HB153
GLO-HB253
GLO-HB353
GLO-HB453
GLO-HB1153
GLO-S153
GLO-S253
GLO-S353
GLO-S453
HH-A151, 44
HH-A251
HH-A451 HH-A551
HH-A651
HH-A751
HH-AB150
HH-AB250
HH-BC1-B49, 44
HH-BC1-W49
HH-BC1-Y49
HH-BG151
HH-C1-B48
HH-C1-W48
HH-C1-Y48
HH-C2-B47
HH-C2-C47

HH-C2-K	.47
HH-C2-O	.47
HH-C2-R	
HH-C2-W	
HH-C2-Y	
HH-C2-YG	
HH-C3-B	
HH-C3-C	
HH-C3-W	
HH-CH1-CB45,	
HH-CH1-W	
HH-CH1-Y	
HH-CH1-YG	
HH-F1-B	
HH-F1-C	.46
HH-F1-W	.46
HH-F1-Y46,	44
HH-F1-YG	.46
HH-H1-B	
HH-H1-K	
HH-H1-Y49,	
HH-LED144,	
HH-PB1	
HH-PB2	
HH-V1	
HH-V3	
HH-V4	
HH-V5	
HH-V6	
HH-V71AF	
HH-V73AF50,	
HP-BF1	
HP-F1	.57
HP-F2	
HP-FDL1	
HP-FDL1-RF	
HP-FDS1	
HP-FDS1-RF	
HP-M1	
HP-M1-RK	
HP-M358, 44, HP-M4	
HP-M4-RK	
HP-S1	
HP-S2	
HP-S3	
WL120	.55
WL220	.55
WL280FR	
WL300-YG	
WL310-YG	
WL320SE	
WL400	
WL420	
WL500	
WL770FR	.54 54
WL900FR	
WL920FR	



