



HEAD PROTECTION HANDBOOK



SOLUTIONS, SUPPORT AND OUR COMPLETE HEAD PROTECTION LINE-UP



WE'VE GOT YOUR CRANIUM COVERED

Whatever skullduggery abounds on the job, we've got your cranium covered with head protection built for uncompromising comfort and protection in a hard knock life.



VIEW OUR FULL HEAD PROTECTION LINE-UP AT ergodyne.com/head-protection

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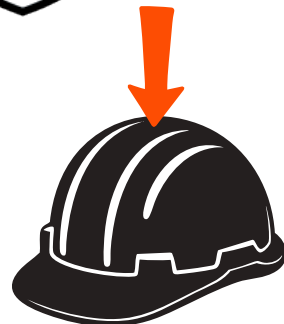
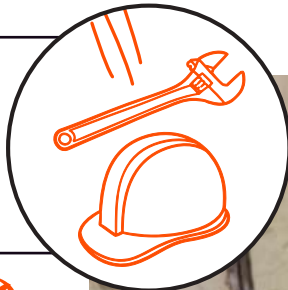
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GO ONLINE FOR
UP-TO-THE-NANOSECOND
UPDATES ON OUR
HEAD PROTECTION COLLECTION!

STANDARDS + COMPLIANCE



ANSI/ISEA Z89.1-2014
(STUFF HITTING YOU)
Standard for Industrial Head Protection



TYPE 1

REDUCES THE FORCE OF
IMPACT FROM TOP
OF HEAD



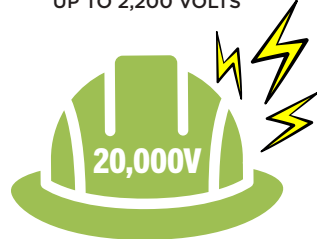
CLASS C

NO ELECTRICAL
PROTECTION



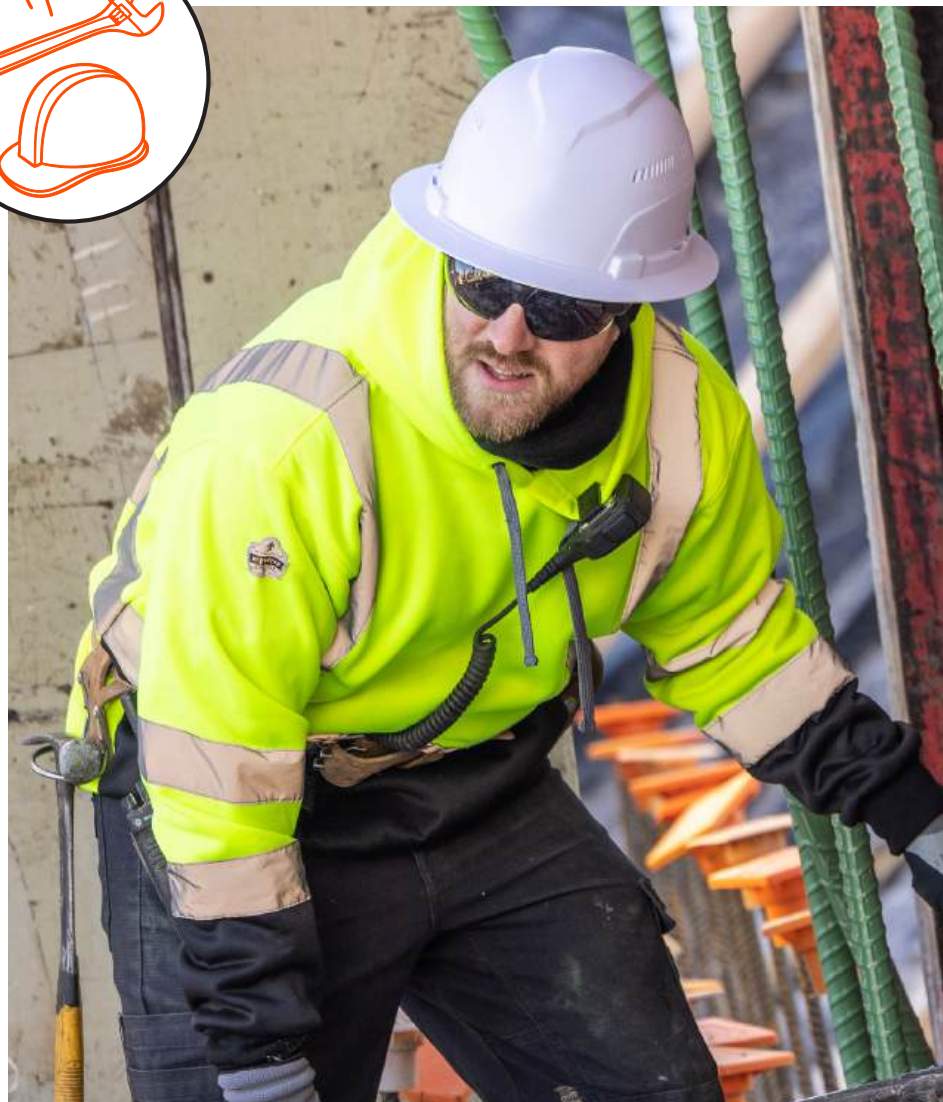
CLASS G

PROTECTS AGAINST
ELECTRICAL HAZARDS
UP TO 2,200 VOLTS

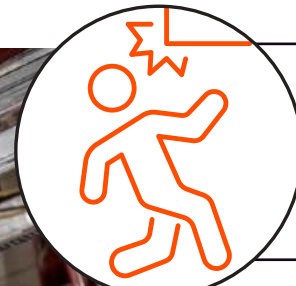


CLASS E

PROTECTS AGAINST
ELECTRICAL HAZARDS
UP TO 20,000 VOLTS



HARD HATS + SAFETY HELMETS



ANSI/ISEA 100
(40V HITTING STUFF)
Industrial Bump Cap Standard



The **ANSI/ISEA 100-2024** standard establishes performance requirements for bump caps.

CLASSIFIED INTO:

LEVEL 1 (basic protection from stationary objects) +
LEVEL 2 (higher impact resistance)

while ensuring benchmarks for impact protection,
comfort and durability for environments where
traditional hard hats aren't required



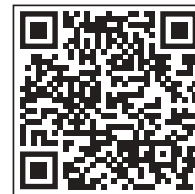
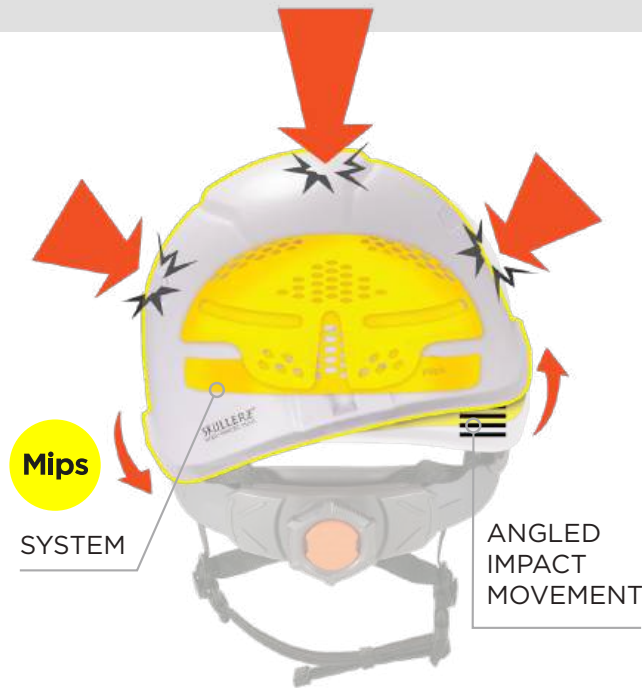
BUMP CAPS





HOW **Mips** WORKS

Mips® system is designed to redirect harmful rotation motion away from the head in certain angled impacts – **a danger not tested for in current hard hat & safety helmet standards.** Upon impact, this lightweight, unobtrusive layer slides in all directions to redirect rotational energy that otherwise could be transferred to the head and can increase the risk of brain injury.



Scan to see
Mips® at work

MIPS TECHNOLOGY

ADDRESSING EVERY ANGLE

Designed to provide movement inside the helmet to help reduce rotational motion to the head in certain angled impacts, thereby lowering the risk of brain injuries.

Ergodyne joins forces with Mips®

Ergodyne focuses on dangerous angled impacts with the launch of new safety helmets with Mips® safety system.

By adding Mips® technology to our best-selling Safety Helmets, we are taking a step aimed at helping to reduce the risk of more of the brain jarring and tearing that can ultimately lead to lifelong brain damage.

– Tim Gallant, Ergodyne
Product Director

USED IN ERGODYNE
TYPE II SAFETY HELMET



Mips

EVOLVE
PRO

CORE ROTATIONAL
PROTECTION +
CUSTOM AIRFLOW
COMFORT SYSTEM

Mips

ELEVATE
CORE

CORE ROTATIONAL
PROTECTION

USED IN
ERGODYNE TYPE I
SAFETY HELMETS



HEAD PROTECTION:

TYPE 2

SAFETY HELMETS

Folks who prefer our Safety Helmets are definitely missing something upstairs — namely the thick layer of heat-trapping foam commonly found in other safety helmets.



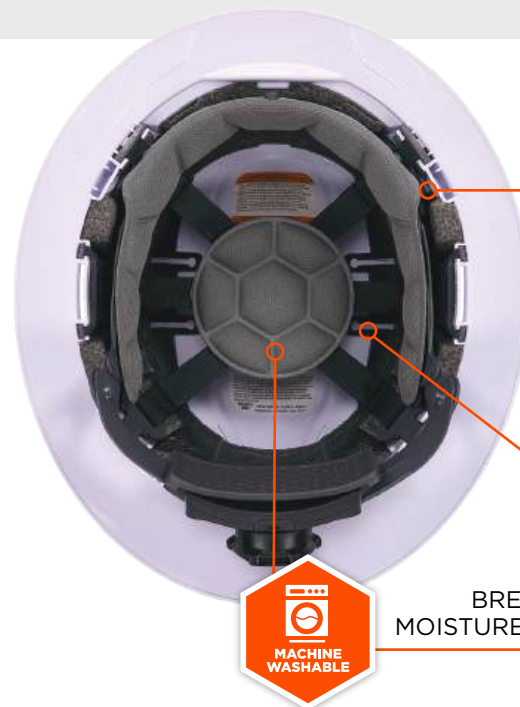
TOTAL AirHEAD
ULTRA BREATHABLE



“BAD LITTLE BUCKET”

The venting is easy to open and close [...] so your potato doesn't get baked.

- Ergodyne.com Review



LIGHTWEIGHT FOAM HALO FOR ALL-AROUND IMPACT PROTECTION



OPEN FRAME SUSPENSION FOR AIR CIRCULATION AND BETTER FIT



BREATHABLE, MOISTURE-WICKING PADS

VS. LEADING COMPETITOR

THICK FOAM LAYER TRAPS HEAT + SWEAT



CLASS C PROTECTION



Mips | EVOLVE PRO



8964-MIPS

FULL BRIM SAFETY HELMET WITH MIPS TECHNOLOGY - TYPE 2, CLASS C



8964

FULL BRIM SAFETY HELMET - TYPE 2, CLASS C



8977 // 8977LED

SAFETY HELMET WITH ADJUSTABLE VENTING // AND LED LIGHT - TYPE 2, CLASS C



CLASS E PROTECTION



Mips | EVOLVE PRO



8963-MIPS

FULL BRIM SAFETY HELMET WITH MIPS TECHNOLOGY - TYPE 2, CLASS E



8963

FULL BRIM SAFETY HELMET - TYPE 2, CLASS E



8976 // 8976LED

SAFETY HELMET // AND LED LIGHT - TYPE 2, CLASS E



HEAD PROTECTION:

TYPE 1 HARD HATS

Of course our Hard Hats are tested to meet and exceed industrial safety standards. That's a given. And yes, they're full of useful little details (like an optional removable LED lamp and slots for ear protection, face shields and other common accessories). But it's the comfort - by way of the perfectly balanced suspension, airy ventilation and size adjustment knob to dial in the perfect fit - that makes them the hard hat's crowning achievement.



LIGHTWEIGHT vs PREMIUM



CAP STYLE vs FULL-BRIM



LIGHTWEIGHT // CLASS C PROTECTION



LIGHTWEIGHT // CLASS E PROTECTION



PREMIUM // CLASS C PROTECTION



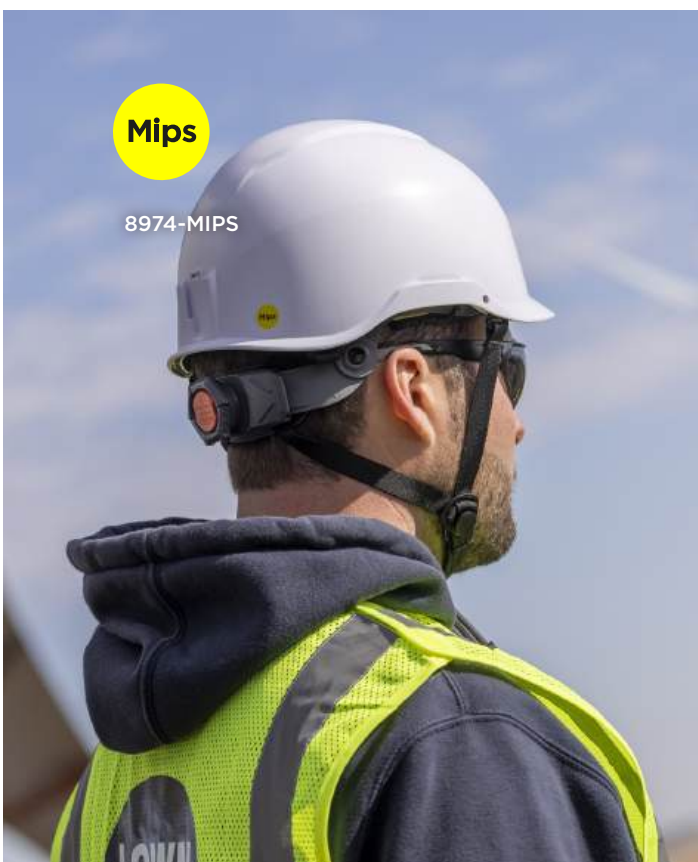
PREMIUM // CLASS E PROTECTION



HEAD PROTECTION:

TYPE 1 SAFETY HELMETS

Everything you love about our classic Type 1 buckets—unbeatable comfort, balance and fit—with a climber-style brim for visibility and a secure strap that keeps safety in place upon impact. Blow this lid off? Not by the hairs of your chinny chin chin.



8975-MIPS
SAFETY HELMET WITH MIPS TECHNOLOGY AND ADJUSTABLE VENTING - TYPE 1, CLASS C



8974-MIPS
SAFETY HELMET WITH MIPS TECHNOLOGY - TYPE 1, CLASS E



CLASS C PROTECTION



CLASS E PROTECTION





CUSTOM LOGO PROGRAM

Mmm...SMELLS LIKE TEAM SPIRIT



HERE'S THE DRILL: CUSTOM LOGO PROGRAM

Our products come with designated logo locations, giving you flexible options to customize while maintaining a consistent look.

YOU GIVE US:

- Suitable digital art files or camera-ready artwork (EPS-format files work best but large, hi-res TIF or JPG files [3000 dpi] work too)
- All necessary PMS/Pantone colors
- Approval of a digital mock-up

WE GIVE YOU:

A product with a look all your own. Minimums vary based on the type of product. Don't worry, it's low.

Call Ergodyne Customer Support or your Sales Rep today to answer all your custom logo questions... we'll make it easy for you to look good!



FRONT - 8970



BACK - 8970

HEAD PROTECTION:

BUMP CAP INSERTS + HATS

Head injuries don't just happen in hard hat zones. From auto shops to crawl spaces, nasty cuts, scrapes and ER bill\$\$\$ abound. Enter bump caps... made to protect you from the donks, dings and bell rings that leave you seeing stars and testing the limits of NSFW language.



8943F(x)
UNIVERSAL BUMP CAP INSERT -
FLEXIBLE HINGED



TURN ANY HAT
INTO BONK-PROOF
PROTECTION!



BUMP CAP INSERTS



8945F(x)
UNIVERSAL BUMP CAP INSERT -
EXTRA VENTING



8945
UNIVERSAL BUMP CAP INSERT



8944
UNIVERSAL BUMP CAP INSERT -
SOFT FOAM

HARD SHELL BUMP CAPS



8951
VENTED HARD SHELL BUMP CAP



8952
HARD SHELL BUMP CAP



8953
HARD SHELL BUMP CAP SWEATBAND
REPLACEMENT (10-PACK)



8959
HARD SHELL BUMP CAP
REPLACEMENT SUSPENSION

BUMP CAP HATS



8950 // 8950XL
BUMP CAP HAT



8950 ONLY



8955
LIGHTWEIGHT BUMP CAP HAT



8960
BUMP CAP HAT - LED LIGHTING



8965
LIGHTWEIGHT BUMP CAP HAT -
LED LIGHTING



YOU'VE GOT OPTIONS

Three brim lengths let you choose the look and feel that's right for your job. The micro brim offers upward visibility while the long brim is great for blocking sun and bright overhead lighting. The short brim length offers both upward visibility and shade.

MICRO BRIM
(30mm)

SHORT BRIM
(50mm)

LONG BRIM
(80mm)



LONG BRIM



MICRO BRIM

8965F(x)
RECHARGEABLE LED BUMP CAP



HEAD PROTECTION:

BUMP CAP KITS

Whether you're keeping windchills at bay or blocking summer rays, we've paired our most popular headwear options with our best-selling bump cap inserts to help you knock heads with Mother Nature.



8941
MESH TUBE AND BUMP CAP INSERT

ANSI/ISEA 100



8948
MESH BANDANA AND BUMP CAP INSERT

ANSI/ISEA 100

BREATHABLE

MACHINE WASHABLE



8947
LIGHTWEIGHT BASEBALL HAT AND BUMP CAP INSERT

ANSI/ISEA 100





8948
MESH BANDANA AND BUMP CAP INSERT

ANSI/ISEA 100



8957
LIGHTWEIGHT RANGER HAT AND BUMP CAP INSERT

ANSI/ISEA 100



8946
STANDARD BASEBALL CAP AND BUMP CAP INSERT

ANSI/ISEA 100





6803ZI
REFLECTIVE RIB KNIT WINTER HAT AND BUMP CAP INSERT

ANSI/ISEA 100





6893Z/ZI
ZIPPERED BALACLAVA FACE MASK AND BUMP CAP INSERT

ANSI/ISEA 100



6802ZI/Z
ZIPPERED TRAPPER HAT AND BUMP CAP INSERT

ANSI/ISEA 100

SIZING: S/M-L/XL



6811ZI/Z
ZIPPERED RIB KNIT BEANIE HAT AND BUMP CAP INSERT

ANSI/ISEA 100



6808ZI
ZIPPERED WINTER BEANIE HAT AND BUMP CAP INSERT

ANSI/ISEA 100



6802ZI

HEAD PROTECTION:

HARD HAT ACCESSORIES

Our Hard Hats + Safety Helmets are a plug-and-play PPE system ready to accommodate a whole universe of accessories designed to help you build a better brain bucket.



DIRECT AIRFLOW
UP OR DOWN



LOW
12
HOURS



HIGH
8
HOURS



TURBO
6
HOURS



6614
MOISTURE-WICKING HARD HAT
PAD KIT



8886
WIDE BEAM HEADLAMP WITH HARD
HAT MOUNT AND RECHARGEABLE
POWER BANK



8883
RECHARGEABLE HARD HAT
ACCESSORY POWER BANK



8978
INTRINSICALLY SAFE
HEADLAMP LIGHT



8993
MAGNETIC RECHARGEABLE
HEADLAMP AND RED BEACON LIGHT



6661
UNIVERSAL HARD HAT BRIM WITH
NECK SHADE



8885
RECHARGEABLE WIDE BEAM
HEADLAMP WITH STRAP



8981
MAGNETIC HEADLAMP LIGHT



8987
RECHARGEABLE HEADLAMP LIGHT

VIEW ALL
HARD HAT
ACCESSORIES
HERE



8884
HARD HAT MOUNTED FAN KIT



6662
UNIVERSAL FR HARD HAT BRIM
WITH NECK SHADE



8979
HEADBAND LIGHT MOUNT WITH
SILICONE STRAP



8980
HEADBAND LIGHT MOUNT WITH
FABRIC STRAP



8961
REFLECTIVE HARD HAT & SAFETY
HELMET STICKER KIT



HEAD PROTECTION:

HARD HAT ACCESSORIES

EARCUPS MOVE UP, DOWN, FORWARD AND BACKWARD FOR A CUSTOMIZED FIT



HELMET STYLE	dB coverage
Type 2 Full Brim Hard Hats:	27 dB
Type 1 or Type 2 Safety Helmets:	27 dB
Type 1 Full Brim Hard Hats:	25 dB
Type 1 or Type 2 Cap-Style Hard Hats:	25 dB

25dB-27dB

26dB

FULL BRIM

ANSI/ISEA S3.19-1974

CAP-STYLE

NON-CONDUCTIVE

ANSI/ISEA S3.19-1974

8880

NRR 26DB HARD HAT MOUNTED EARMUFFS

8881

NON-CONDUCTIVE HARD HAT MOUNTED EARMUFFS - NRR 25-27DB

FOG-OFF

ANSI/ISEA Z87.1+

8991

SAFETY HELMET VISOR

FOG-OFF

ANSI/ISEA Z87.1+

8994

ANTI-SCRATCH & ANTI-FOG HARD HAT FACE SHIELD WITH ADAPTER FOR CAP-STYLE & SAFETY HELMET

FOG-OFF

ANSI/ISEA Z87.1+

8995

ANTI-SCRATCH & ANTI-FOG HARD HAT FACE SHIELD WITH ADAPTER FOR FULL BRIM

ANSI/ISEA Z87.1+

8989

MESH FACE SHIELD WITH ADAPTER FOR HARD HAT & SAFETY HELMET

FOG-OFF TECHNOLOGY

ENHANCED ANTI-FOG + ANTI-SCRATCH PROTECTION

ANTI-FOG

UV PROTECTION

ANTI-SCRATCH

8994

8880

8989



INTERGALACTIC HEADQUARTERS:

44° 58' 18.31" N 93° 09' 12.88" W ALT. 934 FT.
1021 BANDANA BOULEVARD EAST
SUITE 220 SAINT PAUL, MN, USA 55108

PHONE 651 642 9889 // 800 225 8238

ERGODYNE.COM

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ergodyne®

**HEAD PROTECTION:
WE'VE GOT YOUR
CRANIUM COVERED**