

3M Science.
Applied to Life.™

3M™ SecureFit™ H-Series Hard Hats

With Pressure Diffusion Technology

Reinvented from the Inside Out



Introduction

3M™ SecureFit™ H-Series Hard Hats with pressure diffusion technology provide 3M innovation in comfort while maintaining the traditional cap and full brim design that many prefer.

If you wear a hard hat for a full shift, you want it to be comfortable and fit properly.





In a comparative field trial conducted by 3M, 9 of 10 workers chose the 3M SecureFit™ H-Series Hard Hat over their current conventional hard hats*

**End-user survey conducted by 3M, November 2020 – March 2021*

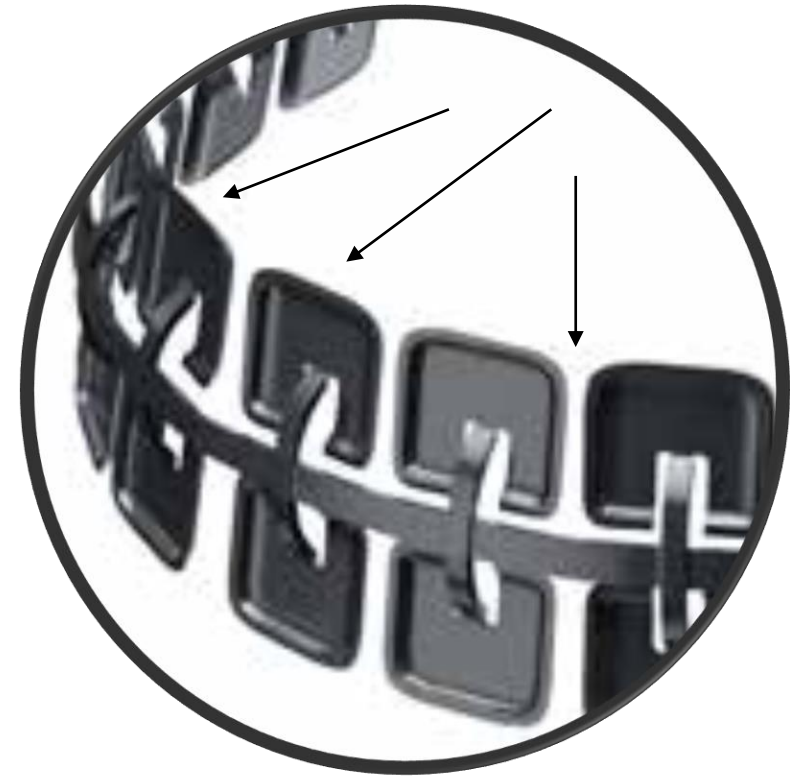
What is Pressure Diffusion Technology?

3M™ SecureFit™ H-Series Hard Hat feature Pressure Diffusion Technology, meaning the headband incorporates self-adjusting front paddles along your forehead. The headband is designed to self-adjust to the wearer as the ratchet is tightened.

This helps create a personalized fit and **reduces the pressure on the forehead up to 30%** compared to previous 3M H-series hard hat suspensions.

So, what does this mean?

Less Pressure – and a well-adjusted fit helps achieve more comfort, all day long



What is the value of comfort?

- Does discomfort cause stress & fatigue?
- Does stress and fatigue effect your worker's ability to perform their job efficiently and/or effectively?
- Are your workers worried about personal comfort when they should be worried about the job at hand?
- Will your workers be less tempted to remove their helmet? Will that lead to less injuries?
- Is comfort a priority? If not, why?



**Are you ready re-evaluate how
comfort and fit can improve
your operations?**

If yes, let's get you started....

Product Details

3M™ SecureFit™ H-Series Hard Hats



H-700SF Series
Cap Style Non-Vented



H-700SF Series
Cap Style Vented



H-800SF Series
Full Brim Non-Vented



H-800SF Series
Full Brim Vented

The 3M™ SecureFit™ H-Series Hard Hats with Pressure Diffusion Ratchet Suspension are designed to fit a wider range of head sizes than previous 3M H-series Hard Hats. Pressure Diffusion Ratchet Suspension fits hat sizes 6 ¼ to 8 (50 to 64 cm head circumference).

Made in the USA

with globally sourced materials

3M H-Series Hard Hats are manufactured in New Ulm, MN

The 3M New Ulm Plant is a diversified manufacturing operation that provides products for a wide variety of markets and customers. Our customers value our responsiveness to their needs and the quality we build into every product. We do this with a highly skilled and dedicated workforce that continuously seeks out opportunities to grow and make improvements.

[3M New Ulm - 3M Plant Locations in the United States](#)



3M™ SecureFit™ Hard Hat Suspension

Customize your fit with multiple levels of height and head-shape adjustments

*Reduces forehead pressure by

30%

Premium washable and replaceable sweatband with moisture-wicking material is designed to help keep workers cool and dry

Easy-turn ratchet suspension system

Sits low on the head to increase security and reduce pressure



**Compared to previous 3M H-series hard hat suspensions*

Comfort and Protection



- All H-Series non-vented hard hats meet ANSI/ISEA Z89.1 Type 1, Class G and E requirements
- All H-Series vented hard hats meet ANSI/ISEA Z89.1 Type 1, Class C requirements
- All H-Series non-vented hard hats meet CSA Z94.1 Type 1 Class G and E requirements
- Cap-style H-700 series vented hard hats meet CSA Z94.1 Type 1 Class C requirements



- High Vis hard hat colors meet ANSI Z89.1 High-Visibility Performance requirements

UVicator™ Sensor Included on all 3M™ SecureFit™ H-Series Hard Hats

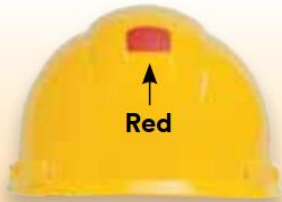
When working outdoors, ultraviolet (UV) rays can cause damage to hard hats by making them brittle. This reduces the hard hat performance and can compromise the safety of the wearer. Even more challenging is that it can be difficult to tell the difference between a new and aged hard hat.

3M™ UVicator™ sensors visually cue when it is time to replace the hard hat due to UV exposure.



Visual Indicator showing UV Exposure

NEW



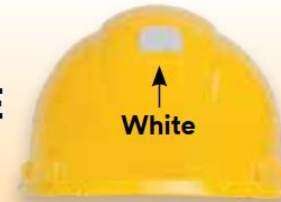
Red

WORN



Fading to
White

REPLACE



White

PPE that Works Together Compatible & Customizable.

Modular design to meet specific job requirements.

3M™ SecureFit™ H-Series Hard Hats are designed for compatibility with other PPE without sacrificing fit, comfort or protection.



Accessory Options for:

- 3M™ Faceshields
- 3M™ PELTOR™ Hearing Protection Devices
- 3M™ PELTOR™ Protective Communication Headsets
- 3M™ Scotchlite™ Reflective Materials
- 3M™ Task Lights

3M™ Scotchlite™ Reflective Striping Kit for 3M™ SecureFit™ Hard Hats

Our Technology

3M™ Scotchlite™ Reflective Material works by returning light rays back to the original source, a result of the retroreflective properties of thousands of microscopic glass beads incorporated into the material.

Why Choose 3M™ Scotchlite™ Reflective Material?

- Highly Reflective
- Durable and easy to inspect for continuing performance
- Reflects when wet



Color Choices

11 Standard Colors to Choose from + 2 High Viz



Hard Hat Customization

With the 3M configuration tool, customers can specify which combination of options they want, and customize their Hard Hat to feature their logo, graphics or text of their choosing

Customization Menu

- Choose which style of helmet
- Vented or Non-Vented
- Color
- Logo/Graphic, Text or 3M™ Scotchlite™ Reflective Material

Show all Sides

Front Side

No Logo, Text, or 3M™ Scotchlite™

Logo Text

Colors: 1-color

Notes:
Please indicate PMS color numbers or other artwork notes for this side here

SAVE SIDE CLEAR

FRONT LEFT RIGHT BACK



[Design Your Hard Hat: 3M Hard Hat Customizer](#)

3M™ Elevated Temperature SecureFit™ Hard Hat H-700T-SF

Engineered to withstand radiant heat loads up to 190°C (375°F) The H-700T is designed specifically for elevated temperature applications ranging from metalworking and smelting to glass manufacturing



H-700T-SF Shown with:

- **NC2-GR:** Helps provide posterior neck protection from molten metal splash
- **FC1-AI:** Aluminum Front Helmet Cover
- **H24T:** Heat Resistant Hard Hat Faceshield Holder
- **WP96CAL:** Aluminized Polycarbonate Molded Dark Green Faceshield Window

Elevated Temp Hard Hat System components sold separately

3M™ Lumberjack™ Hard Hat System

Designed for forestry and agriculture, the Lumberjack system includes:

- 3M™ H700 SecureFit™ Series Hard Hat
- 3M™ Peltor™ Metal Mesh Visor V1A helps provide face protection from sawdust, woodchips and other flying debris.
- 3M™ Peltor™ Earmuff H31P3E
- 3M™ Hard Hat Sealer GR2B for front visor.
- Rain shield to help keep neck dry.

Requires protective eyewear, sold separately



Price Guidance & Ordering Information

Price Guide



H-700SF Series
Cap Style Non-Vented



H-700SF Series
Cap Style Vented



H-800SF Series
Full Brim Non-Vented



H-800SF Series
Full Brim Vented

Country List Price: **\$327.00**
Case of 20 **(\$16.35(ea))**
Vented or Non-Vented
Includes 3M™ Uvicator™ Sensor

Country List Price: **\$395.00**
Case of 20 **(\$19.75(ea))**
Vented or Non-Vented
Includes 3M™ Uvicator™ Sensor

Price Guide



H-701TSF Elevated Temp
Cap Style Non-Vented



H-704TSF Elevated Temp
Cap Style Non-Vented

Country List Price: **\$395.00**
Case of 10 **(\$39.50(ea))**
Non-Vented



H-706RFK-UV Lumberjack Kit

Country List Price: **\$132.42**
1(ea) Non-Vented
Includes hard hat with 3M™ UVicator™
sensor, metal mesh visor, earmuff, rain
shield and visor seal.

Ordering Information

H-700SF Series
Cap Style Non-Vented



Part Number	SAP ID	Material Description	Country List Price
H-701SFR-UV	7100239982	3M™ SecureFit H-701SFR-UV Hard Hat UV White Ratchet 20/CS	\$327.00
H-702SFR-UV	7100239985	3M™ SecureFit H-702SFR-UV Hard Hat UV Yellow Ratchet 20/CS	\$327.00
H-703SFR-UV	7100239987	3M™ SecureFit H-703SFR-UV Hard Hat UV Blue Ratchet 20/CS	\$327.00
H-704SFR-UV	7100239994	3M™ SecureFit H-704SFR-UV Hard Hat UV Green Ratchet 20/CS	\$327.00
H-705SFR-UV	7100240004	3M™ SecureFit H-705SFR-UV Hard Hat UV Red Ratchet 20/CS	\$327.00
H-706SFR-UV	7100239998	3M™ SecureFit H-706SFR-UV Hard Hat UV Orange Ratchet 20/CS	\$327.00
H-707SFR-UV	7100239999	3M™ SecureFit H-707SFR-UV Hard Hat UV Hi-Vis Orange Ratchet 20/CS	\$327.00
H-708SFR-UV	71002400	3M™ SecureFit H-708SFR-UV Hard Hat Grey Ratchet 20EA/CS	\$327.00
H-709SFR-UV	7100239991	3M™ SecureFit H-709SFR-UV Hard Hat UV Hi-Vis Yellow Ratchet 20/CS	\$327.00
H-710SFR-UV	7100240005	3M™ SecureFit H-710SFR-UV Hard Hat Navy Blue Ratchet 20EA/CS	\$327.00
H-711SFR-UV	7100240006	3M™ SecureFit H-711SFR-UV Hard Hat Tan Ratchet 20/CS	\$327.00
H-712SFR-UV	7100240001	3M™ SecureFit H-712SFR-UV Hard Hat Black Ratchet 20/CS	\$327.00
H-713SFR-UV	7100240002	3M™ SecureFit H-713SFV-UV Hard Hat Pink Ratchet 20/CS	\$327.00

Ordering Information

H-700SF Series
Cap Style Vented



Part Number	SAP ID	Material Description	Country List Price
H-701SFV-UV	7100239984	3M™ SecureFit H-701SFV-UV Hard Hat UV Vented White Ratchet 20/CS	\$327.00
H-702SFV-UV	7100239986	3M™ SecureFit H-702SFV-UV Hard Hat UV Vented Yellow Ratchet 20/CS	\$327.00
H-703SFV-UV	7100239988	3M™ SecureFit H-703SFV-UV Hard Hat UV Vented Blue Ratchet 20/CS	\$327.00
H-704SFV-UV	7100240003	3M™ SecureFit H-704SFV-UV Hard Hat UV Vented Green Ratchet 20/CS	\$327.00
H-705SFV-UV	7100240007	3M™ SecureFit H-705SFV-UV Hard Hat Vented Red Ratchet 20/CS	\$327.00
H-706SFV-UV	7100240008	3M™ SecureFit H-706SFV-UV Hard Hat Vented Orange Ratchet 20/CS	\$327.00
H-707SFV-UV	7100240009	3M™ SecureFit H-707SFV-UV Hard Hat Vented Hi-Vis Orange Ratchet 20/CS	\$327.00
H-708SFV-UV	7100239990	3M™ SecureFit H-708SFV-UV Hard Hat Vented Grey Ratchet 20/CS	\$327.00
H-709SFV-UV	7100239995	3M™ SecureFit H-709SFR-UV Hard Hat UV Vent Hi-Vis Yellow Ratchet 20/CS	\$327.00
H-710SFV-UV	7100239996	3M™ SecureFit H-710SFV-UV Hard Hat Vented Navy Blue Ratchet 20/CS	\$327.00
H-711SFV-UV	7100239997	3M™ SecureFit H-711SFV-UV Hard Hat Vented Tan Ratchet 20/CS	\$327.00
H-712SFV-UV	7100240011	3M™ SecureFit H-712SFV-UV Hard Hat Vented Black Ratchet 20/CS	\$327.00
H-713SFV-UV	7100240026	3M™ SecureFit H-713SFV-UV Hard Hat Vented Pink Ratchet 20/CS	\$327.00

Ordering Information

H-800SF Series
Full Brim Non-Vented



Part Number	SAP ID	Material Description	Country List Price
H-801SFR-UV	7100240027	3M™ SecureFit H-801SFR-UV Full Brim UV White Ratchet 20/CS	\$395.00
H-802SFR-UV	7100240029	3M™ SecureFit H-802SFR-UV Full Brim UV Yellow Ratchet 20/CS	\$395.00
H-803SFR-UV	7100240030	3M™ SecureFit H-803SFR-UV Full Brim Blue Ratchet 20/CS	\$395.00
H-804SFR-UV	7100240032	3M™ SecureFit H-804SFR-UV Full Brim Green Ratchet 20/CS	\$395.00
H-805SFR-UV	7100240013	3M™ SecureFit H-805SFR-UV Full Brim UV Red Ratchet 20/CS	\$395.00
H-806SFR-UV	7100239992	3M™ SecureFit H-806SFR-UV Full Brim UV Orange Ratchet 20/CS	\$395.00
H-807SFR-UV	7100240033	3M™ SecureFit H-807SFR-UV Full Brim Hi-Vis Orange Ratchet 20/CS	\$395.00
H-808SFR-UV	7100240025	3M™ SecureFit H-808SFR-UV Full Brim UV Grey Ratchet 20/CS	\$395.00
H-809SFR-UV	7100240034	3M™ SecureFit H-809SFR-UV Full Brim UV Hi-Vis Yellow Ratchet 20/CS	\$395.00
H-810SFR-UV	7100240037	3M™ SecureFit H-810SFR-UV Full Brim UV Navy Blue Ratchet 20/CS	\$395.00
H-811SFR-UV	7100240038	3M™ SecureFit H-811SFR-UV Full Brim UV Tan Ratchet 20/CS	\$395.00
H-812SFR-UV	7100240039	3M™ SecureFit H-812SFR-UV Full Brim UV Black Ratchet 20/CS	\$395.00
H-813SFR-UV	7100240041	3M™ SecureFit H-813SFR-UV Full Brim UV Pink Ratchet 20/CS	\$395.00

Ordering Information

H-800SF Series
Full Brim Vented



Part Number	SAP ID	Material Description	Country List Price
H-801SFV-UV	7100240028	3M™ SecureFit H-801SFV-UV Full Brim UV Vented White Ratchet 20/CS	\$395.00
H-802SFV-UV	7100240010	3M™ SecureFit H-802SFV-UV Full Brim UV Vented Yellow Ratchet 20/CS	\$395.00
H-803SFV-UV	7100240031	3M™ SecureFit H-803SFV-UV Full Brim UV Vented Blue Ratchet 20/CS	\$395.00
H-804SFV-UV	7100240012	3M™ SecureFit H-804SFV-UV Full Brim Vented Green Ratchet 20/CS	\$395.00
H-805SFV-UV	7100240024	3M™ SecureFit H-805SFV-UV Full Brim UV Vented Red Ratchet 20/CS	\$395.00
H-806SFV-UV	7100239993	3M™ SecureFit H-806SFV-UV Full Brim UV Vented Orange Ratchet 20/CS	\$395.00
H-807SFV-UV	7100240023	3M™ SecureFit H-807SFV-UV Full Brim Vented Hi-Vis Orange Ratchet 20/CS	\$395.00
H-808SFV-UV	7100239989	3M™ SecureFit H-808SFV-UV Full Brim UV Vented Grey Ratchet 20/CS	\$395.00
H-809SFV-UV	7100240035	3M™ SecureFit H-809SFV-UV Full Brim Vented Hi-Vis Yellow Ratchet 20/CS	\$395.00
H-810SFV-UV	7100240036	3M™ SecureFit H-810SFV-UV Full Brim UV Vented Navy-Blue Ratchet 20/CS	\$395.00
H-811SFV-UV	7100240042	3M™ SecureFit H-811SFV-UV Full Brim UV Vented Tan Ratchet 20/CS	\$395.00
H-812SFV-UV	7100240040	3M™ SecureFit H-812SFV-UV Full Brim UV Vented Black Ratchet 20/CS	\$395.00
H-813SFV-UV	7100239746	3M™ SecureFit H-813SFV-UV Full Brim UV Vented Pink Ratchet 20/CS	\$395.00

Additional Resources

Product Brochure



3M Science. Applied to Life.

3M™ SecureFit™ H-Series Hard Hats with 3M™ Pressure Diffusion Technology

The hard hat reinvented from the inside out.

3M.com/SecureFitHardHat

Introducing the new 3M™ SecureFit™ H-Series Hard Hat

The 3M™ SecureFit™ H-Series Hard Hats provide 3M innovation in comfort while maintaining the traditional cap and full brim design that many prefer. If you wear a hard hat for a full shift, you want it to be comfortable and fit properly. 3M recognizes this and has responded by designing a suspension system that self-adjusts to the wearer as the ratchet is tightened. Chosen 9 times out of 10 over current conventional hard hats*, this suspension system flexes and self-adjusts to the size of the wearer's head, reducing forehead pressure and increasing comfort for all-day wear.



30% Pressure reduction** on the forehead

Exclusive suspension with 3M™ Pressure Diffusion Technology automatically adjusts to the forehead as the ratchet knob is turned.

Suspension system incorporates exclusive patented SecureFit™ Pressure Diffusion Technology.

- Flexes and self-adjusts to the size of the wearer's head.
- Reduces pressure and increases comfort for all-day wear.
- Fits a wider range of head sizes from 6-1/4 to 8 inches (50-64 cm).

Fully compliant with:

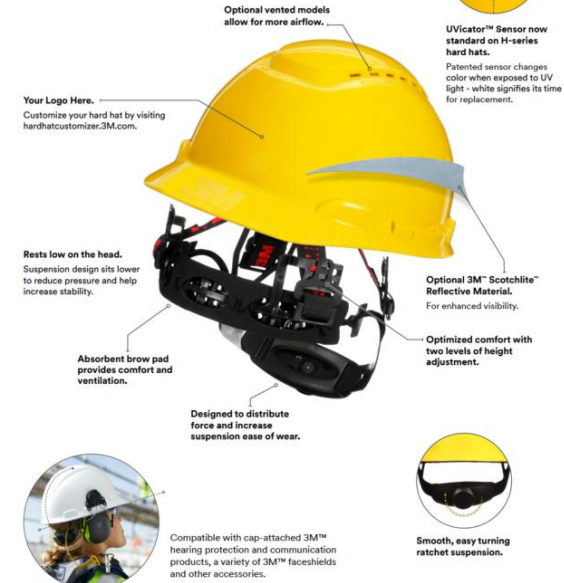
- High Vis hard hat colors meet ANSI Z89.1 High-Visibility Performance requirements
- Non-vented hard hats meet ANSI/ISEA Z89.1 Type I, Class G and E requirements, CSA Z94.1
- Vented hard hats meet ANSI/ISEA Z89.1 Type I, Class C requirements, CSA Z94.1

*Based on survey conducted by M. Swanson (2019) in March 2019. Participants were allowed to keep the new 3M hard hat.

**Average 30% reduction compared to previous generation 3M hard hats.



It's what's inside that counts.



Optional vented models allow for more airflow.

UVicator™ Sensor now standard on H-series hard hats. Patented sensor changes color when exposed to UV light - white signifies its time for replacement.

Your Logo Here. Customize your hard hat by visiting hardhatcustomizer.3m.com.

Rests low on the head. Suspension design sits lower to reduce pressure and help increase stability.

Absorbent brow pad provides comfort and ventilation.

Designed to distribute force and increase suspension ease of wear.

Optional 3M™ Scotchlite™ Reflective Material. For enhanced visibility.

Optimized comfort with two levels of height adjustment.

Compatible with cap-attached 3M™ hearing protection and communication products, a variety of 3M™ faceshields and other accessories.

Smooth, easy turning ratchet suspension.

 [DOWNLOAD](#)

3M™ UVicator™

Detailed information on our patented UV Light sensor

3M Science. Applied to Life.™



3M™ SecureFit™ Hard Hats and Safety Helmets with UVicator™ Sensor

With the UVicator™ Sensor, you'll know when your hard hat's been in the sun too long.

When working outdoors, ultraviolet (UV) rays can cause damage to hard hats by making them brittle. This reduces the hard hat performance and can compromise the safety of the wearer. Even more challenging is it can be difficult to tell the difference between a new and aged hard hat.

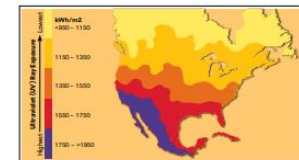
3M™ SecureFit™ Hard Hats and Safety Helmets with the UVicator™ sensor installed visually cue when it is time to replace the hard hat due to UV exposure.



Patented UVicator™ Sensor changes color when exposed to UV light.

Damage to a hard hat typically can be seen - impact, wear and tear, chemical degradation. But a hidden factor can greatly compromise shell material - UV exposure from the sun.

3M(TM) SecureFit H-Series and X5000 Safety Helmets include the UVicator(TM) sensor which provides a visual cue to wearers that it is time to replace their hard hat due to extended UV exposure.



Be Aware of Your UV Exposure Level

The amount of UV radiation exposure varies significantly across the country. Workers in higher UV radiation zones should replace their hard hats more frequently to ensure they are receiving optimum performance from their protective headgear.

© METEO TEST; based on www.meteoconm.com.



Visual Indicator showing UV Exposure



3M™ H-Series Hard hats and X5000 Safety Helmets help deliver lightweight protection and durability for extended comfort. With the UVicator sensor, workers have an easy way to monitor their hard hat exposure to the sun, so they will know when it is time for a replacement.

!WARNING Inspect head suspension plastic parts for breaks, cracks or loss of flexibility. Inspect straps for fraying or stitching that is loose or damaged. Replace suspension immediately if these or other signs of wear are present. Even with no visible signs of wear, 3M recommends replacing the hard hat suspension at least every twelve months.

 [DOWNLOAD](#)

3M
Personal Safety Division
3M Center, Building 239, 239-7D
St. Paul, MN 55144-1000

Technical Assistance 1-800-243-4630
Customer Service 1-800-328-1667
3M.com/psafety

#3MScienceofSafety

3M PSD products are occupational use only. 3M and all other trademarks used herein are trademarks of 3M Company, used under license in Canada. Please recycle. Printed in USA. © 3M 2021. All rights reserved.



3M™ Hard Hat Accessories Guide

Head Protection Integrated Solutions Matrix

3M Science. Applied to Life.™

Guide for 3M™ ANSI Hard Hats, Headgear, and Faceshields

3M™ Hard Hat Accessories

ANSI Hard Hat Models

Accessories for Hard Hat/Headgear and Faceshields

Legend

Compatibility Matrix

 [DOWNLOAD](#)

- Faceshields & Adapters
- Hearing Protection
- Communications
- Task Lights
- Reflective Strips
- Head Covers
- Replacement Parts



3M™ Scotchlite™ Reflective Striping Kit

For 3M™ SecureFit™ Hard Hats



3M Science. Applied to Life.™

You focus on the job at hand. We focus on helping your employer keep you visible and safe.

3M™ Scotchlite™ Reflective Striping Kit for 3M™ H-700 and H-800 Hard Hats



Shedding Light On Reflective Technology

Easy application
The pressure-sensitive adhesive transfer system makes the product easy to use and is self-adhering.

Approximately 12 square inches of total reflective material



3M™ Scotchlite™ Reflective Striping Kit



Features and Benefits:

- 3M™ Scotchlite™ Reflective Material for enhanced visibility under low light conditions
- 3M™ Hard Hat suspension sits lower on head to reduce pressure and increase security
- Optional UVicator™ Sensor lets wearer know when to replace hard hat due to UV exposure

When you apply Scotchlite reflective material to your workers' 3M Hard Hats, you're ensuring high visibility performance in low light to help workers be seen so they can function at their best.

WARNING

3M™ Hard Hat H-700 Series and 3M™ Hard Hat H-800 Series provide limited protection only. Misuse or failure to follow warnings and User Instructions may result in serious personal injury or death. For proper use and selection see Supervisor, User Instructions or call 3M PSD Technical Service in the USA at 800-243-4630. In Canada, call Technical Service at 800-257-4414.

Product Number	3M ID Number	Product Description	UPC	Qty
H-SR-S	70-0796-7448-8	3M™ H-700 Cap Style and H-800 Full Brim Series Hard Hat Scotchlite™ Reflective Striping Kit	00078371670238	20 sets (three pieces) of reflective envelope



Personal Safety Division
3M Center, Building 0233-0W-70
St. Paul, MN 55144-1000

For more information:
In U.S.
Technical Assistance: 1-800-343-4630
Customer Care Center: 1-800-326-1667
3M.com/workersafety

In Canada
Technical Assistance: 1-800-367-4414
Customer Care: 1-800-364-3577
3M.com/safety

3M and all other trademarks used herein are trademarks of 3M Company, used under license in Canada. Please recycle. Printed in U.S.A.
© 3M 2018. 3M PSD products are occupational use only.



3M™ Task Lights

For 3M™ SecureFit™ Hard Hats

3M Science.
Applied to Life.™

New ways
to shed
some light.



Task Lighting for 3M™ Hard Hats
with options to help fit your needs.

Features and Benefits:

- Includes 3 AAA batteries and three attachment options – nylon headstrap, rubber hard hat strap, 3M™ Dual Lock.
- The rubber headband provides a secure attachment for the headlamp to most 3M hard hats.
- The 3M™ Dual Lock fastener works well for securing the headlamp to many hard hat designs and materials.
- Securing the headlamp without a strap reduces interference with earmuffs and other hard hat attachments.
- The nylon headband allows the lamp to be worn by the user without wearing a hard hat.

3M™ Hard Hat 70 Lumen Task Light, HL100



The 3M HL100 is a versatile headlamp that allows hands free lighting in certain industrial uses. Lightweight, 4 LED, 70 lumen, task light with 4 lighting modes that can be worn with or without 3M hard hats. Weighing only about 78 grams but able to run up to 150hrs on low setting and 74hrs on its high setting, this water-resistant (IPX-4 rated) hard hat mounted head lamp is popular for a wide range of indoor/outdoor industrial lighting applications. Not intrinsically safe.

3M ID No.	3M UPC	3M Part No.	Description
70-0785-7662-4	5009131275664	HL100	3M™ Hard Hat 70 Lumen Task Light, HL100, 10 ea/ks

3M™ Hard Hat 150 Lumen Task Light, HL200



The 3M HL200 is a versatile headlamp that allows hands free lighting for industrial workers that need spot and flood light options. 150 lumen light for use with 3M hard hats. Weighing only 83 grams but able to run up to 150hrs on low flood setting and 28hrs on its high spot setting, this water-resistant (IPX-4 rated) hard hat mounted head lamp is popular for indoor/outdoor industrial lighting applications. Not intrinsically safe.

3M ID No.	3M UPC	3M Part No.	Description
70-0785-7663-2	5009131275671	HL200	3M™ Hard Hat 150 Lumen Task Light, HL200, 10 ea/ks

3M™ Hard Hat 150 Lumen, Intrinsically Safe Task Light, HL300IS



The 3M HL300IS is a versatile headlamp that allows hands free lighting for industrial workers that need intrinsically safe equipment in hazardous locations Class I, II and III; Division 1 and 2; Groups A-G; Temp Class T4; Ambient Temperature range, Ta: -20 to 40C; 150 lumen intrinsically safe light with flood and spot lights for use with 3M hard hats. Weighing only 92 grams but able to run up to 108hrs in spot setting and 99hrs in flood setting, this waterproof (IPX-7 rated) hard hat mounted head lamp is popular for rugged industrial lighting applications or use in areas that require intrinsically safe equipment.

3M ID No.	3M UPC	3M Part No.	Description
70-0785-7664-0	5009131275688	HL300IS	3M™ Hard Hat 150 Lumen, Intrinsically Safe Task Light, HL300IS, 10 ea/ks

Headlamp attachment options



Visit us at
3M.com/workersafety

3M

Personal Safety Division
3M Center, Building 0236-2V-70
St. Paul, MN 55144-0000

For more information:
In U.S.
Technical Assistance 1-800-243-4800
Customer Care Center 1-800-328-1887
3M.com/workersafety

In Canada
Technical Assistance 1-800-387-4414
Customer Care 1-800-384-3877
3M.ca/safety

3M and all other trademarks used herein are trademarks of 3M Company, used under license in Canada. Please recycle. Printed in U.S.A.
© 3M 2018. All rights reserved. 3M PSD products are occupational use only.



3M™ Elevated Temperature

SecureFit™ Hard Hat H-700T-SF



NEW 3M™ Elevated Temperature Hard Hat H-700T Series

Extreme heat. In these challenging conditions, you need safety equipment that stands up to the heat, keeps your workers comfortable – and makes a tough job easier.

Engineered to withstand radiant heat loads up to 190°C (375°F), our NEW 3M™ Elevated Temperature Hard Hat H-700T is the foundation of an integrated system of advanced personal protection equipment. The H-700T is designed specifically for elevated temperature applications ranging from metalworking and smelting to glass manufacturing.

More comfortable to wear – more convenient to use

The new design and materials offer lightweight protection (less than 380 g) while the use of existing head suspensions provide proven comfort, security and adjustability.

Built for performance and value

H-700T hard hats are built using injection molding technology. This allows us to offer you an elevated temperature hard hat that is lighter weight, more comfortable and versatile – at a competitive price.

Note: Not all accessories are rated to elevated temperatures.

Designed to take the heat

3M™ H-700T Series Industrial Safety Hard Hats with FCI-AL are designed to work with our high heat face shields to help you keep your cool in radiant heat environments.

The following chart demonstrates the ability of the H-700T hard hat with FCI-AL to block IR radiation.

H-700T Temperature Profiles with FCI-AL*

TIME	Exposed Surface (FCI-AL)	Inside H-700T	Inside H-700T w/FCI-AL
0	~100°C	~100°C	~100°C
10	~180°C	~120°C	~105°C
20	~190°C	~130°C	~108°C
30	~190°C	~135°C	~110°C

*Results based on three samples with 95% confidence intervals using the 3M Internal Vertical Radiant Panel testing. Temperatures were measured outside and inside a stationary hard hat, not while on a human subject.

When the protective equipment is exposed to a convective heating element from a distance of 10 cm (3.9 in.), the temperature rise occurring behind the equipment is lower compared to the temperatures reached outside the protection.

It is the responsibility of the employer to determine if the personal protective equipment is suitable for the application based on the worksite hazard assessment, applicable standards, and environmental conditions.

Note: Not all accessories are rated to elevated temperatures.



 [DOWNLOAD](#)



Thank you!