



Above-the-Neck Protection Solutions

Compatible safety products to protect your head, face, hearing, and vision



WE KNOW WHAT'S AT STAKE.



Join the millions around the globe who choose MSA: *For safety. For value.*

This catalog highlights MSA's comprehensive head, eye, face and hearing (HEFH) protection line. Our hard hats, eye/face protection products, helmet accessories, hearing protection products—and more—provide seamless safety solutions to protect workers around the world. For a complete product listing, see the most recent MSA Safety Equipment Catalog, call our award-winning customer service department, or visit MSAsafety.com.

V-Gard® Hard Hats



V-Gard Cap with Fas-Trac® III Suspension



V-Gard Full-Brim Hat with Fas-Trac® III Suspension

GLOSS FINISH

| | |
|------------------------------|---|
| Classification..... | Type I |
| Application..... | General purpose |
| Shell Material | Polyethylene |
| Styles | Slotted cap; slotted full-brim hat |
| Sizes | Cap-Style: small (6 – 7½); standard (6½ – 8); large (7 – 8½) Full-Brim Hat: standard (6½ – 8) |
| Standards..... | ANSI/ISEA Z89.1-2014 (Class E); CSA Z94.1-2015 (Class E) |
| Certification..... | Third-party by SEI |
| Customization..... | Imprinting and striping available (see pages 6–7) |
| Replacement Suspensions..... | See page 8 |

MATTE FINISH

| | |
|------------------------------|---|
| Classification..... | Type I |
| Application..... | General purpose |
| Shell Material | Polyethylene |
| Styles | Slotted cap only |
| Sizes | Cap-Style: standard (6½ – 8) |
| Standards..... | ANSI/ISEA Z89.1-2014 (Class E); CSA Z94.1-2015 (Class E) |
| Certification..... | Third-party by SEI |
| Customization..... | Imprinting and striping available (see pages 6–7) |
| Replacement Suspensions..... | See page 8 |



DID YOU KNOW?

All V-Gard Helmets have UV inhibitor molded right in.

CUSTOMIZATION:
Imprinting and striping available—see pages 6–7
REPLACEMENT SUSPENSIONS: See page 8



DID YOU KNOW?

MSA helmets marked **LT** meet voluntary requirements for “Lower Temperature.” Helmets marked LT are conditioned to -22°F and then tested for impact and penetration, as outlined in the Standard. Any helmet NOT marked with LT is tested to 0°F.

V-Gard® Cap-Style Hard Hats

| STANDARD V-GARD SLOTTED CAPS | | | | |
|------------------------------|--|------------------------|-------------------------|-----------------------------|
| Color | | w/ Staz-On® Suspension | w/ 1 Touch® Suspension¹ | w/ Fas-Trac III Suspension¹ |
| GLOSS FINISH | | | | |
| WHITE | | 463942 | 10057441 | 475358 |
| BLUE | | 463943 | 10057442 | 475359 |
| YELLOW | | 463944 | 10057443 | 475360 |
| ORANGE | | 463945 | 10057444 | 475361 |
| RED | | 463947 | 10057446 | 475363 |
| GREEN | | 463946 | 10057445 | 475362 |
| GRAY | | 463948 | 10057447 | 475364 |
| HI-VIZ® ORANGE² | | 488148 | 10057420 | 488146 |
| HI-VIZ YELLOW-GREEN² | | — | 10061514 | 10061512 |
| BRIGHT LIME GREEN | | 815558 | — | 815565 |
| DARK (CANADIAN) BLUE | | — | — | 802972 |
| GOLD | | 464852 | — | 475365 |
| ROBIN'S EGG BLUE | | 463111 | — | 495853 |
| BROWN | | 464658 | — | 495854 |
| SILVER | | 484340 | — | 495855 |
| TAN | | 461180 | — | — |
| BLACK | | 475235 | — | 492559 |
| LIGHT BUFF | | 478237 | — | 495856 |
| PURPLE | | 488398 | — | 495858 |
| PINK | | — | — | 495862 |
| HOT PINK | | 10155231 | — | 10155230 |

| STANDARD V-GARD SLOTTED CAPS | | |
|------------------------------|--|-----------------------------|
| Color | | w/ Fas-Trac III Suspension¹ |
| MATTE FINISH | | |
| WHITE | | 10203081 |
| BLUE | | 10203082 |
| YELLOW | | 10203083 |
| ORANGE | | 10203087 |
| RED | | 10203086 |
| GREEN | | 10203085 |
| GRAY | | 10203084 |
| HI-VIZ® ORANGE² | | 10203089 |
| HI-VIZ YELLOW² | | 10203088 |
| BLACK | | 10203092 |



DID YOU KNOW?

NFPA 70E is a work practice; it is not a standard and does not specify any test methods. No products “meet” NFPA 70E—users simply follow the practice of NFPA 70E. For head protection, NFPA 70E recommends that users wear Class E hard hats in following this work practice.

| SMALL V-GARD SLOTTED CAPS | | | |
|---------------------------|--|-----------------------|-----------------------------|
| Color | | w/ Staz-On Suspension | w/ Fas-Trac III Suspension¹ |
| GLOSS FINISH | | | |
| WHITE | | 466354 | 477477 |
| BLUE | | 466355 | 477478 |
| YELLOW | | 466356 | 477479 |
| BRIGHT LIME GREEN | | — | 489368 |

| LARGE V-GARD SLOTTED CAPS | | | |
|---------------------------|--|-----------------------|-----------------------------|
| Color | | w/ Staz-On Suspension | w/ Fas-Trac III Suspension¹ |
| GLOSS FINISH | | | |
| WHITE | | 473284 | 477482 |
| BLUE | | 476928 | 477483 |
| YELLOW | | 473285 | 477484 |
| HI-VIZ® ORANGE² | | — | 489364 |

| STANDARD V-GARD CAP SPECIAL ASSEMBLIES | | | | |
|--|--|-----------------------|------------------------|-----------------------------|
| Color | | w/ Staz-On Suspension | w/ 1 Touch Suspension¹ | w/ Fas-Trac III Suspension¹ |
| GLOSS FINISH | | | | |
| HI-VIZ ORANGE | | — | 10102195 | 10102193 |
| w/yellow-green stripe² | | | | |
| HI-VIZ YELLOW-GREEN | | — | 10102234 | 10102233 |
| w/red-orange stripe² | | | | |
| HI-VIZ YELLOW-GREEN | | — | 10102196 | 10102194 |
| w/silver stripe² | | | | |
| WHITE | | 460018 | — | — |
| w/lamp bracket and cord holder (Class C) | | | | |
| WHITE | | 474159 | — | — |
| w/American Flag | | | | |
| WHITE | | 10004689 | — | — |
| w/Swing-Ratchet Suspension | | | | |



V-Gard w/Lamp Bracket and Cord Holder



V-Gard w/Swing-Ratchet Suspension

¹Certified to CSA.

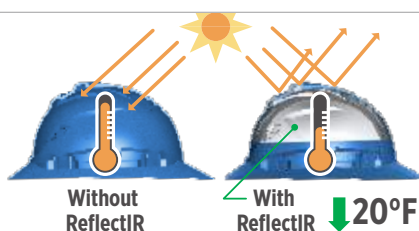
²V-Gard Cap/Hat meets voluntary standard for hi-visibility as prescribed by ANSI/ISEA Z89.1-2014. Look for official hi-visibility marking [HV] on the helmet's ANSI label.

4

V-Gard® C1™ Full-Brim Hard Hats

• ReflectIR™ Thermal Barrier

(patent-pending) works to block the energy of the sun, keeping the inside of the hard hat up to 20°F (11°C) cooler¹, reducing the risk of heat stress.



• Largest vents MSA offers on a full-brim hat

(vented version) are strategically placed to optimize airflow, increase comfort and further reduce heat stress.

• Premium moisture-wicking sweat band

pulls sweat away from the head allowing it to evaporate into the air, while breathable foam padding keeps you dry and comfortable. Can be easily removed for laundering or replacement.

• **Full brim on the V-Gard C1 Hard Hat** offers 12% more coverage², providing additional shade while protecting you from harmful UV rays. Unique textured brim provides added grip when donning and doffing the hard hat.



| V-GARD C1 FULL-BRIM HATS | | | |
|-----------------------------------|--|---------------------------------|----------|
| Color | | Non-Vented | Vented |
| TEXTURED BRIM | | | |
| WHITE | | 10215837 | 10215828 |
| BLUE | | 10215839 | 10215830 |
| YELLOW | | 10215841 | 10215832 |
| ORANGE | | 10215843 | 10215834 |
| RED | | 10215838 | 10215829 |
| GREEN | | 10215840 | 10215831 |
| GRAY | | 10215845 | 10215836 |
| HI-VIZ® ORANGE ³ | | 10215842 | 10215833 |
| HI-VIZ® YELLOW GREEN ³ | | 10237724 | 10236066 |
| CUSTOM COLOR | | Custom color options available. | |

| SPECIFICATIONS | Non-Vented | Vented |
|---------------------------------------|--|---|
| STANDARDS COMPLIANCE | ANSI/ISEA Z89.1-2014 (R2019) | CSA Z94.1-15 |
| OPTIONAL REQUIREMENTS (ANSI) | LT (Low Temp) Reverse Donning | HT High Temp HV (Hi-Viz, as indicated) |
| ANSI Z89.1 & CSA Z94.1 CLASSIFICATION | Type 1, Class E | Type 1, Class C |
| 3RD PARTY CERTIFICATIONS | SEI | |
| STYLE | Non-Vented | Vented |
| PRODUCT SIZE | Standard head size 6½-8 (52-64 cm head circumference) | |
| OTHER PPE | Compatible with all current V-Gard Hard Hat accessories: Fas-Trac III Suspension, frames, visors, hearing protection, chinstraps, sun shades, sun shields, cooling pads, & winter liners | |

CUSTOMIZATION

- Full-color logos available in up to three locations:
 - Front and back
 - Front, back left, and back right
- Reflective striping available in silver or yellow up to 360° coverage: front, back, and sides
- Custom hard hat colors available



¹Compared to a hard hat without the ReflectIR Thermal Barrier in sunny conditions; testing done with black, non-vented, V-Gard C1 Hard Hats.

²Compared to a full-brim V-Gard or V-Gard 500 Hard Hat.

³V-Gard Cap/Hat meets voluntary standard for hi-visibility as prescribed by ANSI/ISEA Z89.1-2014. Look for official hi-visibility marking [HV] on the helmet's ANSI label.



Helmet Customization For 30+ Years



Practice makes *perfect* logos

- MSA uses inks and processes that create durable logos.
We have never had a complaint about a logo “scratching off” in the 30+ years we have been in the logo business!
- It can be tricky to avoid logo distortion due to the curvature of the hard hat. That’s why MSA Logo Express® Service employs graphic designers who process logos onto hard hats. These skilled artisans ensure each logo is placed properly so it not only endures, but also accurately represents your brand and logo in color, size and shape—despite the curve of the hard hat.
- MSA offers multiple printing services from simple one-color logo to digital photos, in up to four locations
- We don’t require “color-separated” artwork for 1+ color logos; nor do we require customers to identify the PMS colors in their logos. Our graphic artists can manage that, if you do not have these details.
- Re-ordering is easy because we keep your logo on file until you change it¹.



Our Process

Once your order has been received by the MSA Logo Express Service Design center we get to work. Files are imported from your on-line hard hat configuration, assessed for usability and colors separated (if the PMS colors have not been identified) and layout finalized. Should you choose to personalize your hard hat, don’t forget to complete form ID# 0617-17 and submit with your order.



Delivery

Once the layout process is complete, our factory craftsman get to work on your order. Your order for a new hard hat logo should ship within eight (8) days from our Murrysville, PA plant from the date we receive your approval on the artwork².



Minimum Order Quantities (MOQ)

MSA requires MOQs, by hard hat type, for logoing and striping. Qualifying MOQs of custom-imprinted or striped hard hats must be of the same size, model and options (i.e., color and suspension). MOQs are:

- 20 for V-Gard, SmoothDome®, Topgard, Comfo Cap Hard Hats, and Nexus Climbing Helmets
- 16 for Skullgard or Thermalgard® Hard Hats
- 12 for Super-V and Vanguard Hard Hats
- 40 for Bump Caps



Pricing

Please refer to your local distributor for pricing details on standard and non-standard charges that may apply to your order.



Striping

Add any of 27+ different reflective and retro-reflective stripes to your hard hat. MSA reflective stripes help enhance the visibility of workers in daytime conditions, while retro-reflective stripes³ offer additional enhancement in nighttime or low-light conditions. Stripes are available in various sizes and shapes, and can be placed on all types of MSA hard hats.

Keep in mind too, that while you can order more stripes for self-application, MSA does not recommend doing this. The reason for this is MSA pre-treats all hard hats prior to striping with an electrical discharge treatment to enhance the ability of the stripes adhesive bonds.



Stock Logos and Slogans

With 23 “pre-built” stock logos and slogans, MSA offers more “off-the-shelf” hard hat graphics than anyone in the industry. Standard logos make it easy for you to place emphasis on safety, patriotism or personnel identification without having to develop your own artwork. They can be used alone or with your customized logo and striping.



Hard Hat Color Choices

MSA offers more stocked color options than competitors—in our popular V-Gard hard hat, we offer 21 stocked colors. There are non-stocked color options available for all MSA hard hats; a qualifying MOQ of 100 hard hats is required.

You can create a shell color of your choice. You need only order a qualifying MOQ of 500 hard hats or more.



Personalization

The same quality and precision that MSA logos have become famous for is available with personalization. You can add your name, ID#, title, or anything else with this additional option.

¹ Files are purged from MSA’s system if no logoed hard hat order is received within three (3) years of the first order.

² Orders for repeat logos ship within seven (7) days. This includes 2-3 days for order processing, and 5 days for production.

Placing Customized Hard Hat Orders

Steps to complete your online logo configuration order:

Summary of how to submit artwork to MSA Logo Express Service

Please review the document for process details.

| | |
|--|--|
| METHOD FOR SUBMITTING ARTWORK | Electronic file emailed to your MSA distributor |
| PROGRAMS FOR SUBMITTING ARTWORK | Corel Draw (version x6 or lower) Adobe Illustrator (version cs6 or lower) Adobe Photoshop (version cs6 or lower) |
| ARTWORK FILES | VECTOR FILES: .cdr (Corel Draw) .ai (Adobe Illustrator) .eps (encapsulated postscript) |
| FONT REQUIREMENTS | <ul style="list-style-type: none"> Convert all fonts to "outlines" (Adobe Illustrator) or "curves" (Corel Draw). Provide a list of actual fonts used with artwork file. Font type must be truetype and/or postscript type 1. |

Did you know?

If you **only** have other types of artwork, (e.g. printed copies of letterhead or business cards), please contact MSA Logo Express Service for submission instructions.

If you are personalizing your hard hat, please fill out form ID #0617-17-MC.

Submitting Artwork

1. Send the artwork by email to the MSA distributor taking your order. They will send it to MSA Logo Express Service.
2. Name the Pantone Matching System (PMS) ink colors used in your artwork (if you know them). Type the actual numbers in the email, as colors sometimes don't transmit properly through email. For example, MSA's logo is green, but specifically, the color of our brand logo is PMS 355.
3. Provide all linked graphics and fonts (see "Font Submission")

Note: Should you not have access to email please contact MSA Logo Express for alternate methods.

Personalization

Add your name, ID#, title or anything else with this option. Fill out form ID# 0617-17-MC and submit with order. **ONLY AVAILABLE FOR V-GARD LINE OF MSA HARD HATS.**

Font Submission


Failure to specify or provide files for the typefaces used in your artwork is the most common source of delays and logo errors. If your artwork includes text, please be sure to:

- Convert type to outlines:
 - **Adobe Illustrator** (Type > Create Outlines)
 - **Corel Draw** (Convert to Curves using Ctrl+Q or Command+Q)
- Submit a list of all fonts used, along with the actual font files. All fonts should be TrueType and/or Postscript Type 1 formats.

NOTE: Do not use Helvetica Narrow; it is unreliable and could complicate the printing process.



The "Try-It" Sample Program

The "Try It" sample program offers some of the most popular MSA head, eye, face and hearing protection products, including V-Gard Helmets, V-Gard Accessories, left/RIGHT Hearing Protection, and Sightgard® Eyewear—completely FREE of charge! Look for the  that tells you which products are included in the program.



See what a logoed V-Gard Cap, Hat or 500 Helmet looks like. Pre-designed logoed hard hat samples are available through the FREE sample Try It program. Contact your MSA sales representative for more details.



Questions About Helmet Customization?

Contact your MSA distributor or MSA Logo Express Service.

EMAIL: Logo.Express@msasafety.com

PHONE: 1-800-MSA-LOGO
(1-800-672-5646)

ADDRESS: MSA Logo Express
3880 Meadowbrook Rd.
Murrysville, PA 15668-1753

Visit us on the web:

us.msasafety.com/logoexpress

KEYWORD: Logo



Replacement Suspensions for MSA Hard Hats

MSA Fas-Trac® III Ratchet Suspension

The MSA Fas-Trac III Suspension helps to reduce pressure headaches and pulled hair, and stays on your head.

- ① Sweatband fully covers headband and worker's forehead
- ② Three levels of nape strap adjustment for customized fit
- ③ Lower nape strap improves retention
- ④ Smooth ratchet rotation and secure hold

Learn how the Fas-Trac III Suspension can relieve your headaches.

Visit www.MSAafety.com/fastrac.



| HELMET TYPE (SIZE) | Suspension Type (4-point, unless otherwise noted) | | | |
|---------------------------------|---|----------|----------|----------------------------|
| | Fas-Trac III | 1 Touch | Staz-On | Swing Ratchet ¹ |
| V-GARD CAP OR HAT (STANDARD) | 10148708 | 10061123 | 10087218 | 816645 |
| V-GARD CAP (SMALL) | 10148706 | — | 467386 | — |
| V-GARD CAP (LARGE) | 10148707 | — | 492566 | — |
| V-GARD 500 CAP (STANDARD) | 10148708 | 10061123 | 10087218 | 816645 |
| V-GARD 500 HAT (STANDARD) | 10148708 | — | 10087218 | — |
| SMOOTH DOME CAP (STANDARD) | 10148708 | 10061123 | 10087218 | 816645 |
| TOPGARD CAP OR HAT (STANDARD) | 10153384 | 10061127 | — | 816648 |
| THERMALGARD CAP (STANDARD) | 10153384 | 10061127 | — | 816648 |
| SKULLGARD CAP OR HAT (STANDARD) | 10153385 | 10061128 | 454231 | 816654 |
| SKULLGARD CAP (LARGE) | 10126693 | — | 468096 | — |
| SUPER-V CAP (STANDARD) | 10126683 | — | — | — |
| VANGUARD CAP (STANDARD) | 10153386 | — | — | — |
| COMFO-CAP (STANDARD) | 10153385 | 10061128 | 454231 | — |

¹Swing ratchet size is 6½ through 7½

The **Fas-Trac III Suspension sweatband** accessory keeps workers cool and dry.

| | Part No. | Product Specifics |
|--|----------|---|
| | 10153518 | <ul style="list-style-type: none"> • For use with MSA Fas-Trac® III Suspension • Optional, moisture-wicking and washable • Can be attached/replaced while suspension is assembled in helmet • Sold ONLY in packages of 10 |

⚠ WARNING

Use only the indicated MSA suspension in your MSA helmet. Do not mix suspension sizes and helmet sizes (i.e., putting a standard sized suspension in a large helmet or any other mismatched combination). Do not use competitor suspensions in MSA helmets. Inspect your suspension frequently. Suspensions should be replaced every 12 months, regardless of inspection results. Replace immediately (along with the helmet), if an impact has occurred. Failure to follow these instructions will reduce the energy absorbing ability of the protective helmet to receive impact, and could result in serious injury or death.



Save money, increase revenue and reduce inventory costs with our comprehensive Above-the-Neck safety solutions:

- “Try It” sample program offers 100+ leading MSA products, including V-Gard Hard Hats, V-Gard Accessories, left/RIGHT earmuffs, and Sightgard® eyewear—completely **FREE of charge!** Look for the that tells you which products are in the program.
- Our products are tested by engineers in our own test facilities. **They are also certified and/or tested by qualified, third-party test houses.**


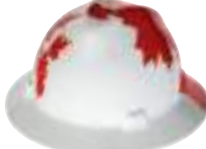


Freedom Series™ and Specialty V-Gard® Hard Hats

| | | | |
|-----------------------------|---|----------------------------|---|
| Classification | Type I | Suspension | Fas-Trac III |
| Application | General purpose | Sizes | Standard (6½ – 8) |
| Shell Material | Polyethylene with thermoformed graphics | Standards | ANSI/ISEA Z89.1-2014 (Class E); CSA Z94.1-2015 (Class E) |
| Styles | Slotted cap; Slotted full-brim hat (Freedom Series only) | Certification | Third-party by SEI |

AMERICAN FREEDOM SERIES ASSEMBLIES

| | | | |
|--|--|--|--|
|  |  |  |  |
| American Stars and Stripes <i>V-Gard Slotted Cap</i> Part No. 10052945 | American Stars and Stripes <i>V-Gard Slotted Hat</i> Part No. 10071157 | American Flag w/2 Eagles <i>V-Gard Slotted Cap</i> Part No. 10052947 | American Flag w/2 Eagles <i>V-Gard Slotted Hat</i> Part No. 10071159 |
|  |  |  |  |
| Camouflage <i>V-Gard Slotted Cap</i> Part No. 10103908 | Camouflage <i>V-Gard Slotted Hat</i> Part No. 10104254 | American Eagle <i>V-Gard Slotted Cap</i> Part No. 10079479 | Dual American Flag <i>V-Gard Slotted Cap</i> Part No. 10050611 |

CANADIAN FREEDOM SERIES ASSEMBLIES

| | | | |
|---|--|--|--|
|  |  |  |  |
| White w/Red Maple Leaf <i>V-Gard Slotted Cap</i> Part No. 10050613 | White w/Red Maple Leaf <i>V-Gard Slotted Hat</i> Part No. 10082234 | Black w/Red Maple Leaf <i>V-Gard Slotted Cap</i> Part No. 10082233 | Black w/Red Maple Leaf <i>V-Gard Slotted Hat</i> Part No. 10082235 |
| Camouflage w/Canadian Flag on front¹ <i>V-Gard Slotted Cap</i> Part No. 10104925 | | | |

SPECIALTY V-GARD ASSEMBLIES

| | | | |
|---|---|--|--|
|  |  |  | |
| Rally Cap <i>V-Gard Slotted Cap</i> Part No. 10101535 | Metallic Gold <i>V-Gard Slotted Cap</i> Part No. 10101854 | Black Fire <i>V-Gard Slotted Cap</i> Part No. 10092015 | |

CUSTOMIZATION: Imprinting and striping available—see pages 6–7

REPLACEMENT SUSPENSIONS: See page 8

¹Not pictured

²Extreme Hi-Viz Cap meets high-visibility requirements of ANSI/ISEA 107.



Hydro Dip V-Gard® Hard Hats

| | | | |
|-----------------------------|------------------------------------|----------------------------|---|
| Classification | Type I | Sizes | Standard (6½ – 8) |
| Application | General purpose | Standards | ANSI/ISEA Z89.1-2014 (Class E); CSA Z94.1-2015 (Class E) |
| Shell Material | Polyethylene | Certification | Third-party by SEI |
| Styles | Slotted cap; Slotted full-brim hat | | |
| Suspension | Fas-Trac III | | |

The #1 Selling Hard Hat Has a New Look!

The features that have set the MSA V-Gard as a world leader in head protection remain: comfort, durability, customization, and support. The hydro dip finish provides a new twist on style, without sacrificing safety or performance. Choose from eight different standard looks, with the ability to customize to your specific design.* All V-Gard hydro dip hard hats come with the first-in-class comfort of the Fas-Trac® III Suspension and are products of the U.S.

HYDRO DIP V-GARD ASSEMBLIES

STANDARD CAP STYLES

| | | | |
|--|--|---|--|
|  |  |  |  |
| Muddy Girl V-Gard Slotted Cap Part No. 10204770 | One Nation V-Gard Slotted Cap Part No. 10204771 | Italian Leather V-Gard Slotted Cap Part No. 10204773 | Oilfield Camo V-Gard Slotted Cap Part No. 10204774 |
|  |  |  |  |
| Multi Camo V-Gard Slotted Cap Part No. 10204775 | Silver Carbon Fiber V-Gard Slotted Cap Part No. 10204776 | Sport Carbon Fiber V-Gard Slotted Cap Part No. 10204777 | Devil's Canyon V-Gard Slotted Cap Part No. 10204778 |

STANDARD FULL-BRIM HAT STYLES

| | | | |
|---|---|--|---|
|  |  |  |  |
| Muddy Girl V-Gard Slotted Hat Part No. 10204779 | One Nation V-Gard Slotted Hat Part No. 10204780 | Italian Leather V-Gard Slotted Hat Part No. 10204782 | Oilfield Camo V-Gard Slotted Hat Part No. 10204783 |
|  |  |  |  |
| Multi Camo V-Gard Slotted Hat Part No. 10204784 | Silver Carbon Fiber V-Gard Slotted Hat Part No. 10204785 | Sport Carbon Fiber V-Gard Slotted Hat Part No. 10204786 | Devil's Canyon V-Gard Slotted Hat Part No. 10204787 |

CUSTOMIZATION: Imprinting and striping available— see pages 6–7

REPLACEMENT SUSPENSIONS: See page 8

*Restrictions apply

V-Gard® 500 Hard Hats

Vented V-Gard 500 Caps and Hats provide cooling vents for improved air circulation and comfort; **Non-Vented V-Gard 500 Caps and Hats** provide dielectric head protection.

| | |
|-----------------------------|--|
| Classification | Type I |
| Application | General purpose |
| Shell Material | Polyethylene |
| Styles | Vented or non-vented slotted cap; Vented or non-vented hat |
| Sizes | Standard (6½ – 8) |
| Standards | ANSI/ISEA Z89.1-2014 (Vented Class C; Non-Vented Class E) CSA Z94.1-2015 (Vented Class C; Non-Vented Class E) |
| Certification | Third-party by SEI |



| Color | w/4-Point Fas-Trac III Suspension | w/6-Point Fas-Trac III Suspension |
|----------------------------------|-----------------------------------|-----------------------------------|
| VENTED CAP | | |
| WHITE | 10034018 | 10034027 |
| BLUE | 10034019 | 10034028 |
| YELLOW | 10034020 | 10034029 |
| RED | 10034022 | 10034031 |
| GREEN | 10034023 | 10034032 |
| HI-VIZ ORANGE ¹ | 10034026 | 10034035 |
| HI-VIZ YELLOW-GREEN ¹ | 10074819 | 10074820 |
| NON-VENTED CAP | | |
| WHITE | 10034088 | 10034097 |

| Color | w/4-Point Fas-Trac III Suspension | w/6-Point Fas-Trac III Suspension |
|----------------------------------|-----------------------------------|-----------------------------------|
| VENTED FULL-BRIM HAT | | |
| WHITE | 10167911 | 10167950 |
| BLUE | 10167912 | 10167951 |
| YELLOW | 10167913 | 10167952 |
| RED | 10167915 | 10168437 |
| GREEN | 10167916 | 10168438 |
| HI-VIZ ORANGE ¹ | 10167921 | 10168453 |
| HI-VIZ YELLOW-GREEN ¹ | 10167931 | 10168461 |
| NON-VENTED FULL-BRIM HAT | | |
| WHITE | 10168521 | 10168589 |

CUSTOMIZATION: Imprinting and striping available—see pages 6–7

REPLACEMENT SUSPENSIONS: See page 8

Topgard® Hard Hats

| | |
|-----------------------------|--|
| Classification | Type I |
| Application | General purpose; elevated temperature ² |
| Shell Material | Polycarbonate |
| Styles | Slotted cap; Non-slotted full-brim hat |
| Sizes | Standard (6½ – 8) |
| Standards | ANSI/ISEA Z89.1-2014 (Class E) CSA Z94.1-2015 (Class E) |
| Certification | Third-party by SEI |



| Color | w/ 1 Touch Suspension | w/ Fas-Trac III Suspension |
|--|-----------------------|----------------------------|
| TOPGARD SLOTTED CAP (STANDARD SIZE) | | |
| WHITE | 454728 | 475385 |
| YELLOW | 454721 | 475378 |
| GRAY | 454722 | 475379 |
| BLUE | 454723 | 475380 |
| ORANGE | 454725 | 475382 |
| GREEN | 454726 | 475383 |
| RED | 454727 | 475384 |
| BRIGHT ORANGE | — | 804396 |
| WHITE W/LAMP BRACKET & CORD HOLDER | — | — |

| Color | w/ 1 Touch Suspension | w/ Fas-Trac III Suspension |
|--|-----------------------|----------------------------|
| TOPGARD SLOTTED HAT (STANDARD SIZE) | | |
| WHITE | 454719 | 475393 |
| YELLOW | 454712 | 475387 |
| GRAY | 454713 | — |
| BRIGHT ORANGE | — | 804397 |

CUSTOMIZATION: Imprinting and striping available—see pages 6–7

REPLACEMENT SUSPENSIONS: See page 8

¹V-Gard Cap/Hat meets voluntary standard for hi-visibility as prescribed by ANSI/ISEA Z89.1-2014. Look for official hi-visibility marking [HV] on the helmet's ANSI label.

²Helmets marked with the HT designation have been certified to the optional Higher Temperature test of ANSI/ISEA Z89.1. In this test, helmets are pre-conditioned in an oven at 60°C ± 2°C (140°F ± 3.6°F) and then tested per the ANSI/ISEA Z89.1 Industrial Head Protection Standard for top force transmission. In addition, Topgard Helmets were exposed to a radiant heat load until the surface temperature on the top of the helmet reaches 257°F and then tested per the ANSI/ISEA Z89.1 Industrial Head Protection Standard for top force transmission. The source of the radiant heat load was located above the top of the helmet. This testing is performed by MSA and is not part of the helmet certification process.



SmoothDome® Hard Hats

| | |
|-----------------------------|--|
| Classification | Type I |
| Application | General purpose; welding |
| Shell Material | Polyethylene |
| Styles | Vented or non-vented slotted cap |
| Sizes | Standard (6½ – 8) |
| Standards | ANSI/ISEA Z89.1-2014 (Class E); CSA Z94.1-2015 (Class E) |
| Certification | Third-party by SEI |



| Color | w/4-Point Fas-Trac III Suspension | w/6-Point Fas-Trac III Suspension |
|--|-----------------------------------|-----------------------------------|
| SMOOTHDOME CAP (STANDARD SIZE) | | |
| WHITE | 10074067 | 10084078 |
| BLUE | 10074068 | 10084079 |
| YELLOW | 10074069 | 10084080 |
| ORANGE | 10074070 | 10084081 |
| RED | 10074071 | 10084082 |
| GREEN | 10074072 | 10084083 |
| GRAY | 10074073 | 10084084 |
| HI-VIZ ORANGE ¹ | 10074077 | 10084088 |
| HI-VIZ YELLOW-GREEN ¹ | 10074084 | 10084095 |
| HI-VIZ ORANGE w/yellow-green stripe ¹ | 10095987 | 10095988 |
| HI-VIZ YELLOW-GREEN w/orange stripe ¹ | 10095989 | 10095990 |
| HI-VIZ ORANGE w/silver stripe ¹ | 10096141 | — |
| HI-VIZ YELLOW-GREEN w/silver stripe ¹ | 10096142 | — |

CUSTOMIZATION: Imprinting and striping available—see pages 6–7

REPLACEMENT SUSPENSIONS: See page 8

Thermalgard® Hard Hats

| | |
|-----------------------------|--|
| Classification | Type I |
| Application | General purpose; elevated temperature ² |
| Shell Material | Glass-reinforced nylon |
| Styles | Slotted cap |
| Sizes | Standard (6½ – 8) |
| Standards | ANSI/ISEA Z89.1-2014 (Class G); CSA Z94.1-2015 (Class G) |
| Certification | Third-party by SEI |



| Color | w/ 1 Touch Suspension | w/ Fas-Trac III Suspension |
|---|-----------------------|----------------------------|
| THERMALGARD CAPS (STANDARD SIZE) | | |
| YELLOW | 486964 | 486959 |
| WHITE | 486965 | 486960 |
| RED | — | 486961 |
| ORANGE | 486967 | 486962 |
| BLUE | 486968 | 486963 |
| BRIGHT ORANGE | 800359 | 800360 |
| GREEN | 487399 | 814343 |
| STEEL GRAY | — | 10095325 |


CUSTOMIZATION: Imprinting and striping available—see pages 6–7

REPLACEMENT SUSPENSIONS: See page 8

¹V-Gard Cap/Hat meets voluntary standard for hi-visibility as prescribed by ANSI/ISEA Z89.1-2014. Look for official hi-visibility marking [HV] on the helmet's ANSI label.

²Helmets marked with the HT designation have been certified to the optional Higher Temperature test of ANSI/ISEA Z89.1. In this test, helmets are pre-conditioned in an oven at 60°C ± 2°C (140°F ± 3.6°F) and then tested per the ANSI/ISEA Z89.1 Industrial Head Protection Standard for top force transmission. In addition, Thermalgard Helmets were exposed to a radiant heat load until the surface temperature on the top of the helmet reaches 350°F and then tested per the ANSI/ISEA Z89.1 Industrial Head Protection Standard for top force transmission. The source of the radiant heat load was located above the top of the helmet. This testing is performed by MSA and is not part of the helmet certification process.

Skullgard® Hard Hats


| | | |
|-----------------------------|--|---|
| Classification | Type I |  |
| Application | General purpose; elevated temperature ¹ | |
| Shell Material | Phenolic | |
| Styles | Non-slotted cap; full-brim hat | |
| Sizes | Cap: Standard (6½ – 8); Small (6 – 7½); Large (7 – 8½) Hat: Standard (6½ – 8) | |
| Standards | ANSI/ISEA Z89.1-2014 (Class G) | |
| Certification | Third-party by SEI | |



| Color | w/ Staz-On Suspension | w/ Fas-Trac III Suspension | w/ Swing-Ratchet Suspension |
|--------------------------------------|-----------------------|----------------------------|-----------------------------|
| SKULLGARD CAP (STANDARD SIZE) | | | |
| NATURAL TAN | 454617 | 475395 | 816651 |
| WHITE | 454618 | 475396 | — |
| YELLOW | 454619 | 475397 | — |
| RED | 454620 | — | — |
| GREEN | 454621 | — | — |
| GRAY | 454622 | — | — |
| BLUE | 454623 | — | — |
| ORANGE | 454626 | — | — |
| HI-VIZ RED-ORANGE ² | 458702 | — | — |
| SKULLGARD HAT (STANDARD SIZE) | | | |
| NATURAL TAN | 454664 | 475407 | — |
| WHITE | 454665 | 475408 | — |
| YELLOW | 454666 | — | — |
| GREEN | 454668 | — | — |
| ORANGE | 454673 | — | — |

| | w/ Staz-On Suspension | w/ Fas-Trac III Suspension | |
|---|-----------------------|----------------------------|--|
| ALTERNATIVE SKULLGARD ASSEMBLIES | | | |
| SKULLGARD CAP | 82018 | 475405 | Large size, natural tan |
| | — | 10104377 | Small size, natural tan |
| | 460409 | — | Standard size, with lamp bracket and cord holder, natural tan ³ |
| SKULLGARD HAT | — | 482002 | With welder's lugs, natural tan ³ |
| | 460389 | — | Standard size, with lamp bracket and cord holder, natural tan ³ |

CUSTOMIZATION:
Imprinting and striping available—see pages 6–7
REPLACEMENT SUSPENSIONS: See page 8

Super V® Hard Hats

| | | |
|-----------------------------|--|---|
| Classification | Type II (ANSI and CSA) |  |
| Application | Lateral protection | |
| Shell Material | Polyethylene | |
| Styles | Slotted cap w/foam liner | |
| Sizes | Standard (6½ – 7¾) | |
| Standards | ANSI/ISEA Z89.1-2014 (Class E); CSA Z94.1-2015 (Class E) | |
| Certification | Third-party by SEI | |

| Color | w/Fas-Trac III Suspension |
|----------------------------|---|
| SUPER V ASSEMBLIES | |
| WHITE | C217091  |
| YELLOW | C217093  |
| RED | C217095 |
| ORANGE | C217094 |
| BLUE | C217092 |
| NAVY GRAY | C217097 |
| HI-VIZ ORANGE ² | C217100 |

| Color | w/Fas-Trac III Suspension |
|---------------------------|---------------------------|
| SUPER V ASSEMBLIES | |
| GREEN | C217096 |
| GOLD | C217098 |
| BLACK | C217140 |
| SILVER | 10025227 |

⚠ WARNING

Use only MSA's Fas-Trac III Suspension designed for Super-V Helmets. Use of any other suspension will reduce the energy-absorbing ability of the protective helmet, which can result in serious personal injury or death.

CUSTOMIZATION: Imprinting and striping available— see pages 6–7 **REPLACEMENT SUSPENSIONS:** See page 8

¹ Helmets marked with the HT designation have been certified to the optional Higher Temperature test of ANSI/ISEA Z89.1. In this test, helmets are pre-conditioned in an oven at 60°C ± 2°C (140°F ± 3.6°F) and then tested per the ANSI/ISEA Z89.1 Industrial Head Protection Standard for top force transmission. In addition, Skullgard Helmets were exposed to a radiant heat load until the surface temperature on the top of the helmet reaches 350°F and then tested per the ANSI/ISEA Z89.1 Industrial Head Protection Standard for top force transmission. The source of the radiant heat load was located above the top of the helmet. This testing is performed by MSA and is not part of the helmet certification process.

² Hi-Viz red-orange Skullgard Cap meets voluntary standard for hi-visibility as prescribed by ANSI/ISEA Z89.1-2014. Look for official hi-visibility marking [HV] on the helmet's ANSI label.

³ Alternative Skullgard Assemblies that include welder's lugs or lamp bracket and cord holder are certified to Class C electrical rating.



V-Gard® H1 Safety Helmets

The V-Gard H1 Safety Helmet and accessories provide exceptional comfort and ease of use in a stylish low-profile design. A complete above-the-neck platform for all applications.

- Fas-Trac® III Pivot ratchet suspension for **superior comfort, adjustability and range of motion**
- Non-contact foam liner maximizes air flow & breathability for **optimal cooling and hygiene**
- Vented options for **optimal air flow and cooling**
- Field replaceable 4-point chinstrap with multiple adjustment points for **customized fit and comfort**
- Premium sweatband with sweat-wicking fabric, breathable foam and Velcro® attachment for **easy field replacement**
- Patented “push-button” accessory attachment rail and universal lighting clips for **quick installation and removal**
- **Convenient rescue whistle** integrated into the chin strap buckle



V-Gard H1 Safety Helmet (novent)



V-Gard H1 Safety Helmet (trivent)



V-Gard H1 Safety Helmet (bivent)

Classification Type I
Markets Utilities; oil, gas and petrochemical; general industry; construction
Application General Industry; construction; working-at-heights; confined space; rescue
Shell Material HDPE (high-density polyethylene)
Styles Novent; trivent; bivent
Sizes Standard 6½ – 8 (52–64 cm) head circumference
Standards See “Certifications” in chart below

CUSTOMIZATION: Stylish dark gray reflective striping standard. Imprinting available—see pages 6–7

ACCESSORIES: See page 15

| | NOVENT w/ pivoting Fas-Trac III Suspension | TRIVENT w/ pivoting Fas-Trac III Suspension | BIVENT w/ pivoting Fas-Trac III Suspension | NOVENT w/ pivoting Fas-Trac III Suspension | BIVENT w/ pivoting Fas-Trac III Suspension |
|---|--|---|--|--|--|
| CERTIFICATIONS | ANSI, EUROPE & ARGENTINA | | | ANSI & CANADA | |
| ANSI Z89.1 | ■ | ■ | ■ | ■ | ■ |
| EN397 | ■ | | ■ | | |
| EN12492 | | ■ | | | |
| CSA Z94.1 | | | | ■ | ■ |
| IRAM | ■ | | ■ | | |
| V-GARD H1 SAFETY HELMET ASSEMBLIES | | | | | |
| WHITE | 10194791 | 10194783 | 10212394 | 10219932 | 10219941 |
| RED | 10194792 | 10194784 | 10212395 | 10219933 | 10219942 |
| BLUE | 10194793 | 10194785 | 10212396 | 10219934 | 10219943 |
| GREEN | 10194794 | 10194786 | 10212397 | 10219935 | 10219944 |
| YELLOW | 10194795 | 10194787 | 10212398 | 10219936 | 10219945 |
| HI-VIZ YELLOW GREEN | 10194796 | 10194788 | 10212399 | 10219937 | 10219946 |
| ORANGE | 10194797 | 10194789 | 10212400 | 10219938 | 10219947 |
| BLACK | 10194798 | 10194790 | 10212401 | 10219939 | 10219948 |
| GRAY | 10204347 | 10204346 | 10212402 | 10219940 | 10219949 |

V-Gard® H1 Safety Helmets

| V-GARD H1 SAFETY HELMET ACCESSORIES | | | | | |
|-------------------------------------|--|--------|--|---|---|
| Part No. | Product Name | Color | Product Specifics | Approvals | |
| 10194818 | V-Gard H1 Clear Face Shield | Clear | <ul style="list-style-type: none"> Clear polycarbonate contoured visor for closer fit and optimal resistance to impact and splash hazards Simple push button donning and doffing on the V-Gard H1 Safety Helmet—no additional frames or adapters required Dual pivot hinge maintains a low profile to the helmet when stowed for improved balance and wind resistance Frameless design with anti-fog and anti-scratch coatings for greater visibility | <ul style="list-style-type: none"> ANSI/ISEA Z87.1-2015 CSA Z94.3 EN 166 |  |
| 10194819 | V-Gard H1 Mesh/Forestry Face Shield | Mesh | <ul style="list-style-type: none"> Steel mesh contoured visor for closer fit and optimal protection from flying chips and other light debris Simple push button donning and doffing on the V-Gard H1 Safety Helmet—no additional frames or adapters required Dual pivot hinge maintains a low profile to the helmet when stowed for improved balance and wind resistance | <ul style="list-style-type: none"> ANSI/ISEA Z87.1-2015 EN 1731 |  |
| 10194820 | V-Gard H1 Half-Face Spectacles | Clear | <ul style="list-style-type: none"> Clear polycarbonate contoured spectacles for closer fit and optimal resistance to impact and splash hazards Simple push button donning and doffing on the V-Gard H1 Safety helmet—no additional frames or adapters required Dual pivot hinge maintains a low profile to the helmet when stowed for improved balance and wind resistance Frameless design with anti-fog and anti-scratch coatings for greater visibility | <ul style="list-style-type: none"> ANSI/ISEA Z87.1-2015 CSA Z94.3 EN 166 |  |
| 10217333 | V-Gard H1 Shaded Half-Face Spectacles | Shaded | <ul style="list-style-type: none"> Smoke-shaded polycarbonate contoured spectacles for closer fit and improved resistance to impact and splash hazards Simple push button donning and doffing on the V-Gard H1 Safety Helmet—no additional frames or adapters required Dual pivot hinge maintains a low profile to the helmet when stowed for improved field of vision and wind resistance Frameless design with anti-fog & anti-scratch coatings improve visibility | <ul style="list-style-type: none"> ANSI/ISEA Z87.1-2020 CSA Z94.3 EN 166 |  |
| 10220915 | V-Gard H1 FR (Flame-Retardant) Chinstrap | — | <p><i>For use with the V-Gard H1 Novent Safety Helmet</i></p> <ul style="list-style-type: none"> 4-point FR chinstrap with multiple adjustment points for customized fit and comfort Made from flame resistant Kevlar® fabric Convenient rescue whistle integrated into the color-coded chinstrap buckle | <ul style="list-style-type: none"> NFPA 1971, Sections 7.4.10 (ASTM D6413/ D6413M) and 7.4.11 (ASTM F2894/ F2894M) |  |

| Part No. | V-Gard H1 Replacement Parts |
|----------|---|
| 10194760 | V-Gard H1 Replacement Suspension Assembly, Fas-Trac III Pivot |
| 10194761 | V-Gard H1 Replacement Sweatband, Fas-Trac III Pivot, 3-pack |
| 10194765 | V-Gard H1 Replacement Chin Strap, Trivent |
| 10194766 | V-Gard H1 Replacement Chin Strap, Novent/Bivent |



Comfo-Cap® Hard Hats

Classification..... Type I
Application..... Mining
Shell Material Polycarbonate
Styles..... Non-slotted cap w/ lamp bracket & cord holder
Sizes..... Standard (6½ – 8)
Standards..... ANSI/ISEA Z89.1-2014 (Class G)
Certification..... Third-party by SEI



| | Color | w/ Staz-On Suspension | w/ Fas-Trac III Suspension |
|-----------------------------|--------|-----------------------|----------------------------|
| COMFO CAP ASSEMBLIES | | | |
| | WHITE | 91522 | 475336 |
| | BLUE | 91586 | — |
| | YELLOW | 91585 | — |
| | ORANGE | 91589 | — |
| | RED | 91590 | — |
| | GREEN | 91584 | — |
| | BLACK | 82769 | — |

CUSTOMIZATION:
 Imprinting and striping available—see pages 6–7
REPLACEMENT SUSPENSIONS: See page 8

Miner's Support System

- Lightweight, sturdy miner's belt
- Offers comfort, lumbar support, versatility and durability
- Enables miner to carry cap lamp battery pack, filter self-rescuer, SCSR, tools, etc., on the job
- 1" reflective strip sewn over 2" nylon strap makes support system highly visible



| | | |
|-------------------------------|---------------|------------------------------------|
| MINER'S SUPPORT SYSTEM | 696757 | Miner's support system, SM (28–34) |
| | 696758 | Miner's support system, MD (34–44) |
| | 696759 | Miner's support system, LG (44–52) |

Bump Caps

Classification..... Non
Application..... Non-impact
Shell Material Polyethylene
Styles..... Non-slotted cap w/ plastic suspension
Sizes..... Standard (6½ – 8)
Standards..... Not applicable
Certification..... None



| | Color | w/ Plastic Suspension |
|----------------------------|--------|-----------------------|
| BUMP CAP ASSEMBLIES | | |
| | WHITE | 10033652 |
| | BLUE | 10033650 |
| | YELLOW | 10033651 |
| | ORANGE | 10033654 |
| | RED | 10033653 |
| | GREEN | 10033655 |

⚠ WARNING

Bump caps are not safety helmets and do not meet OSHA or ANSI/ISEA Z89.1 requirements. DO NOT use bumps caps for impact protection, for sports or when an ANSI-compliant helmet is required.

CUSTOMIZATION:
 Imprinting and striping available (locations limited)





¹Super V Cap meets voluntary standard for hi-visibility as prescribed by ANSI/ISEA Z89.1-2014. Look for official hi-visibility marking [HV] on the helmet's ANSI label.

V-Gard® Accessory System: V-Gard® Frames for Cap-Style Hard Hats

| V-GARD UNIVERSAL CAP FRAME | | | | |
|----------------------------|------------------------|--|---|---|
| Part No. | Debris Control | Product Specifics | | |
| 10187161 | With debris control | Easy to Use <ul style="list-style-type: none"> Add and remove accessories¹ Quicker visor installation and removal Green color coded parts Built to Last <ul style="list-style-type: none"> Infinity joints Universal strap Debris control | Reducing Complexity <ul style="list-style-type: none"> Designed to work with all MSA V-Gard cap-style hard hats |  |
| 10187162 | Without debris control | Easy to Use <ul style="list-style-type: none"> Add and remove accessories¹ Quicker visor installation and removal Green color coded parts Built to Last <ul style="list-style-type: none"> Infinity joints Universal strap | Reducing Complexity <ul style="list-style-type: none"> Designed to work with all MSA V-Gard cap-style hard hats |  |

| Part No. | Product Specifics |
|----------|--------------------------|
| 10187163 | Replacement debris wiper |

| Part No. | Product Specifics |
|----------|--------------------------|
| 10187251 | Replacement rubber strap |

| V-GARD FRAMES FOR GENERAL PURPOSES | | | | |
|---|----------------------------------|--|--|---|
| Markets: General industry, manufacturing, repair and maintenance, construction, oil and gas, forestry, shipbuilding, metalworking, automotive, mining Applications: Chipping, splash, chiseling, drilling, grinding, machining, power fastening, sanding, sawing | | | Standards²: ANSI/ISEA Z87.1-2015; CSA Z94.3; EN 166; AS/NZS 1337 Certification: Third-party by Intertek, INSPEC International Ltd., CSA International and SAI Global Ltd. Min Order Qty: 10 | |
| Part No. | Material | Debris Control | Product Specifics | |
| 10115730  | High density polyethylene (HDPE) | Includes replaceable debris control which creates tight seal between frame and cap | <ul style="list-style-type: none"> Fits all MSA Slotted Caps Stowable slot adaptors secure frame tightly in slotted MSA caps, and allow frame to work with or without earmuffs³ Sliding adjustment blades allow visor to work with most half-mask respirators and other PPE worn under a visor |  |
| 10121266  | High density polyethylene (HDPE) | Debris control sold separately | <ul style="list-style-type: none"> Fits all MSA Slotted Caps⁴ Stowable slot adaptors secure frame tightly in slotted MSA caps, and allow frame to work with or without earmuffs³ Sliding adjustment blades allow visor to work with most half-mask respirators and other PPE worn under a visor |  |

⚠ WARNING

Use V-Gard Frames ONLY with V-Gard Visors, to ensure compliance with safety standards. Misuse can result in death, permanent impairment of sight, or other serious injury.

¹MSA does not recommend the use of the V-Gard Universal Frame with the MSA SmoothDome when using cap-mounted muffs and large V-Gard molded Visors. The V-Gard Frame for Slotted Caps should be worn with this particular combination.

²Standards requirements met by each V-Gard Frame/V-Gard Visor combination designated on each V-Gard Visor.

³Patent pending

⁴MSA recommends the use of debris control on V-Gard frames when wearing BOTH large V-Gard molded Visors and cap-mounted earmuffs.



V-Gard® Accessory System: V-Gard® Frames for Cap-Style Hard Hats

V-GARD FRAMES FOR ELEVATED TEMPERATURE APPLICATIONS

Markets: Food manufacturing/canneries, steel mills, construction, open-pit mining, agriculture, oil/gas/petrochemical refineries, rubber manufacturing, and steam tunnels







Applications: Food processing, machine operation, maintenance, millwright, cutting, punching, extrusion, drilling, blasting, casting/conveying, chemical mixing, sanding

Features: Tested to withstand temperatures of 350°F (176.7°C), reducing warping, cracking or crazing

Standards: ANSI/ISEA Z87.1-2015; CSA Z94.3; EN 166; AS/NZS 1337

Certification: Third-party by Intertek, INSPEC International Ltd., CSA International and SAI Global Ltd.

Min Order Qty: 10

| Part No. | Material | Debris Control | Product Specifics | |
|--|--|--|---|---|
| 10115821  | Polycarbonate — all non-metal construction | Replaceable debris control tested against EN 166 hot solids requirements | <ul style="list-style-type: none"> Stowable slot adaptors secure frame tightly in slotted MSA caps, and allow frame to work with or without earmuffs² Sliding adjustment blades allow visor to work with most half-mask respirators and other PPE worn under a visor |  |
| 10121267  | Polycarbonate — all non-metal construction | Debris control sold separately ³ | <ul style="list-style-type: none"> Stowable slot adaptors secure frame tightly in slotted MSA caps, and allow frame to work with or without earmuffs Sliding adjustment blades allow visor to work with most half-mask respirators and other PPE worn under a visor |  |
| 10116552  | Polycarbonate — all non-metal construction | Replaceable debris control tested against EN 166 hot solids requirements | <ul style="list-style-type: none"> Heavy duty flat rubber strap allows easy and secure placement on all MSA caps, including non-slotted models⁴ Design allows use with other PPE, including MSA earmuffs and respirators |  |

V-Gard® Accessory System: V-Gard® Frames for Full-Brim Hard Hats

V-GARD FRAMES FOR GENERAL PURPOSES



Markets: General industry, manufacturing, repair and maintenance, construction, oil and gas, forestry, shipbuilding, metalworking, automotive, mining

Applications: Chipping, splash, chiseling, drilling, grinding, machining, power fastening, sanding, sawing

Standards: ANSI/ISEA Z87.1-2015; CSA Z94.3; EN 166; AS/NZS 1337

Certification: Third-party by Intertek, INSPEC International Ltd., CSA International and SAI Global Ltd.

Min Order Qty: 10

| Part No. | Material | Debris Control | Product Specifics | |
|--|----------------------------------|-------------------------------------|--|---|
| 10116627  | High density polyethylene (HDPE) | Offered without debris control ONLY | <ul style="list-style-type: none"> Heavy duty flat rubber strap allows easy and secure placement on all MSA hats, including non-slotted models Design allows use with other PPE, including MSA earmuffs and respirators Fits MSA Full-Brim Safety Helmets |  |

V-GARD FRAMES FOR ELEVATED TEMPERATURE APPLICATIONS

Markets: Food manufacturing/canneries, steel mills, construction, open-pit mining, agriculture, oil/gas/petrochemical refineries, rubber manufacturing, and steam tunnels



Applications: Food processing, machine operation, maintenance, millwright, cutting, punching, extrusion, drilling, blasting, casting/conveying, chemical mixing, sanding

Features: Tested to withstand temperatures of 350°F (176.7°C), reducing warping, cracking or crazing

Standards: ANSI/ISEA Z87.1-2015; CSA Z94.3; EN 166; and AS/NZS 1337

Certification: Third-party by Intertek, INSPEC International Ltd., CSA International and SAI Global Ltd.

Min Order Qty: 10

| Part No. | Material | Debris Control | Product Specifics | |
|--|--|-------------------------------------|--|---|
| 10116628  | Polycarbonate — all non-metal construction | Offered without debris control ONLY | <ul style="list-style-type: none"> Heavy duty flat rubber strap allows easy and secure placement on all MSA hats, including non-slotted models Design allows use with other PPE, including MSA earmuffs and respirators Fits MSA Full-Brim Safety Helmets |  |






¹Standards requirements met by each V-Gard Frame/V-Gard Visor combination designated on each V-Gard Visor.

²Patent pending







³MSA recommends the use of debris control on V-Gard frames when wearing BOTH large V-Gard molded Visors and cap-mounted earmuffs.

⁴MSA does not recommend the use of the V-Gard Universal Frame with the MSA SmoothDome when using cap-mounted muffs and large V-Gard molded Visors. The V-Gard Frame for Slotted Caps should be worn with this particular combination.

V-Gard® Accessory System: V-Gard® Frames for MSA Slotted Full-Brim Hard Hats

| V-GARD FRAMES FOR GENERAL PURPOSES | | | | |
|--|----------------------------------|---|--|---|
| Markets: Oil, gas & petrochemical, manufacturing, repair and maintenance, construction, general industry, forestry, shipbuilding, metalworking, automotive, mining Applications: Chipping, splash, chiseling, drilling, grinding, machining, power fastening, sanding, sawing | | | Standards¹: ANSI/ISEA Z87.1-2015 and CSA Z94.3 Certification/Testing: CSA International and Intertek Min Order Qty: 10 | |
| Part No. | Material | Debris Control | Product Specifics | |
| 10154622  | Polybutylene terephthalate (PBT) | Sold with replaceable debris control which creates tight seal between frame and hat | <ul style="list-style-type: none"> Fits MSA Slotted Full Brim Hats Sliding adjustment blades allow visor to work with most half-mask respirators and other PPE worn under a visor Patented Infini-just allows lift/closure adjustment using grippable knobs that can't be lost ² |  |
| 10154604  | Polybutylene terephthalate (PBT) | Debris control sold separately | <ul style="list-style-type: none"> Fits MSA Slotted Full Brim Hats Sliding adjustment blades allow visor to work with most half-mask respirators and other PPE worn under a visor Patented Infini-just allows lift/closure adjustment using grippable knobs that can't be lost ² |  |
| 10116628 | All rubber construction | Exceeds EN requirements for molten metal | Debris Control |  |

V-Gard® Accessory System: V-Gard® Metal Frames for Hard Hats

| V-GARD FRAMES FOR GENERAL PURPOSES AND ELEVATED TEMPERATURE APPLICATIONS | | | | |
|---|------------------------------|---|---|---|
| Markets: Manufacturing; construction; steel/smelting operations Applications: Machine operation, maintenance, millwright, extrusion, drilling, blasting, casting/conveying | | | Standards¹: ANSI/ISEA Z87.1-2015; CSA Z94.3 Certification: Third-party by Intertek, CSA International (as marked) | |
| Part No. | Material | Product Specifics | | |
| 10158799  | Heavy-duty anodized aluminum | <ul style="list-style-type: none"> For use with MSA cap-style hard hats Spring coil for fast loading of frame to helmet Three visor resting positions Locking device holds visor securely in the down position | |  |
| 10158800  | Heavy-duty anodized aluminum | <ul style="list-style-type: none"> For use with MSA Skullgard cap-style hard hats Spring coil for fast loading of frame to helmet Three visor resting positions Locking device holds visor securely in the down position | |  |
| 10176739  | Heavy-duty anodized aluminum | <ul style="list-style-type: none"> For use with MSA full-brim hard hats Spring coil for fast loading of frame to helmet Three visor resting positions Locking device holds visor securely in the down position | |  |

⚠ WARNING























MSA does not recommend V-Gard Metal Frames for use where electrical hazards, including but not limited to arc flash, could occur.

¹Standards requirements met by each V-Gard Frame/V-Gard Visor combination designated on each V-Gard Visor.

²Patent pending



V-Gard® Accessory System: Visors

| V-GARD VISORS: GENERAL PURPOSE | | | |
|---|---|---|---|
| Markets: General industry, manufacturing, repair and maintenance, construction, oil and gas, forestry, shipbuilding, metalworking, automotive, mining | | Standards: ANSI/ISEA Z87.1-2015; CSA Z94.3 and EN 166 (2C-1.2 MSA 1B); AS/NZS 1337 (except as noted) | |
| Applications: Chipping, splash, chiseling, drilling, grinding, machining, power fastening, sanding, sawing | | Certification: Third-party by Intertek, INSPEC International Ltd., CSA International and SAI Global Ltd. | |
| | | Min Order Qty: 10 | |
| Part No. | Product Specifics | | |
| | Impact-rated (Z87+) with Maximum UV Protection | | |
| 10144486  | Material Polycarbonate — clear | <ul style="list-style-type: none">• 5" (14.61 cm) x 17" (43.2 cm) x .04" (1.02 mm)• Contoured visor; closer fit and improved resistance to impact and splash hazards• Approved to ANSI and CSA² standards; does not meet EN standards ■ Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors |  |
| 10115836   | Material Polycarbonate — clear | <ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .04" (1.02 mm)• Contoured visor; closer fit and improved resistance to impact and splash hazards |  |
| 10115837   | Material Polycarbonate — clear | <ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .04" (1.02 mm)• Contoured visor; closer fit and improved resistance to impact and splash hazards ■ Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors |  |
| 10120108  | Material Polycarbonate — clear | <ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .04" (1.02 mm)• Bulk pack of 20• Contoured visor; closer fit and improved resistance to impact and splash hazards |  |
| 10115863   | Material Polycarbonate — clear | <ul style="list-style-type: none">• 9.5" (24.1 cm) x 17" (43.2 cm) x .04" (1.02 mm)• Contoured visor; closer fit and improved resistance to impact and splash hazards |  |
| 10115839   | Material Polycarbonate with antifog/anti-scratch coatings for humid conditions — clear | <ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .06" (1.52 mm)• Slightly thicker for industrial impact applications resistance to impact and splash hazards• Contoured visor; closer fit and improved resistance to impact and splash hazards |  |
| 10115841   | Material Polycarbonate with antifog/anti-scratch coatings for humid conditions — clear | <ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .06" (1.52 mm)• Slightly thicker for industrial impact applications resistance to impact and splash hazards• Contoured visor; closer fit and improved resistance to impact and splash hazards ■ Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors |  |
| 10115842   | Material Polycarbonate with antifog/anti-scratch coatings for humid conditions — green tint to reduce glare | <ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .06" (1.52 mm)• Slightly thicker for industrial impact applications resistance to impact and splash hazards• Contoured visor; closer fit and improved resistance to impact and splash hazards ◆ Not for use where a Shade infrared (IR) visor is required |  |

¹Standards requirements met by each V-Gard Frame or Headgear/V-Gard Visor combination designated on each V-Gard Visor.

V-Gard® Accessory System: Visors

V-GARD VISORS: GENERAL PURPOSE





Markets: General industry, manufacturing, repair and maintenance, construction, oil and gas, forestry, shipbuilding, metalworking, automotive, mining

Applications: Chipping, splash, chiseling, drilling, grinding, machining, power fastening, sanding, sawing

Standards¹: ANSI/ISEA Z87.1-2015; CSA Z94.3 and EN 166 (2C-1.2 MSA 1B); AS/NZS 1337 (except as noted)

Certification: Third-party by Intertek, INSPEC International Ltd., CSA International and SAI Global Ltd.

Min Order Qty: 10

| Part No. | Product Specifics | | |
|---|--|---|---|
| | Impact-rated (Z87+) with Maximum UV Protection | | |
| 10115840  | Material Polycarbonate — clear | <ul style="list-style-type: none"> 8" (20.3 cm) x 17" (43.2 cm) x .06" (1.52 mm) Slightly thicker for industrial impact applications resistance to impact and splash hazards Contoured visor; closer fit and improved resistance to impact and splash hazards |  |
| 10117783  | Material Polycarbonate — clear | <ul style="list-style-type: none"> 8" (20.3 cm) x 17" (43.2 cm) x .06" (1.52 mm) Slightly thicker for industrial impact applications resistance to impact and splash hazards Wider design; improved resistance to impact and splash hazards Does not meet CSA Z94.3 <p>■ Flat Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors</p> |  |

V-GARD VISORS: GENERAL PURPOSE (NON-IMPACT)




Markets: General industry, manufacturing, repair and maintenance, construction, oil and gas, forestry, shipbuilding, metalworking, automotive, mining

Applications: Flying chips and other light debris

Standards¹: ANSI/ISEA Z87.1-2015; EN 1731-F; and AS/NZS 1337

Certification: Third-party by Intertek, INSPEC International Ltd., and SAI Global Ltd.

Min Order Qty: 10

| Part No. | Product Specifics | | |
|----------|---|---|---|
| | General Protector (Z87) — NOT FOR IMPACT HAZARDS | | |
| 10116557 | Material Epoxy-coated steel mesh (20 x 20) — black, plastic edged | <ul style="list-style-type: none"> 8" (20.3 cm) x 17" (43.2 cm) Not for use against splash, impact, elevated temperatures or UV hazards Can be worn with earmuffs |  |
| 10116558 | Material Epoxy-coated steel mesh (20 x 20) — black, plastic edged | <ul style="list-style-type: none"> 8" (20.3 cm) x 17" (43.2 cm) Not for use against splash, impact, elevated temperatures or UV hazards Can be worn with earmuffs <p>■ Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors</p> |  |
| 10158822 | Material Epoxy-coated steel mesh (20 x 20) — aluminum-bound mesh | <ul style="list-style-type: none"> 8" (20.3 cm) x 16.5" (41.9 cm) Not for use against splash, impact, electrical or UV hazards |  |

¹Standards requirements met by each V-Gard Frame or Headgear/V-Gard Visor combination designated on each V-Gard Visor.



V-Gard® Accessory System: Visors







V-GARD VISORS: HEAVY-DUTY CHEMICAL AND SPLASH

Markets: General industry, heavy manufacturing, laboratories, chem/petrochemical, agriculture, pharmaceutical, oil and gas, mining
Applications: Chipping, splash, chemical mixing, grinding, machining, power fastening, sanding, sawing

Standards: ANSI/ISEA Z87.1-2015; EN 166 (MSA 1B 3); CSA Z94.3 and AS/NZS 1337

Certification: Third-party by Intertek, INSPEC International Ltd., CSA International and SAI Global Ltd.

Min Order Qty: 5

| Part No. | Product Specifics | | |
|---|---------------------------------------|--|--|
| | Impact-rated (Z87+) | | |
| 10115855  | Material Propionate — clear | <ul style="list-style-type: none"> • 8" (20.3 cm) x 17" (43.2 cm) x .098" (2.5mm) • Extra-thick to help prevent warping, cracking or crazing under tough conditions • Please refer to MSA's <i>Chemical Application Quick Reference Guide</i> (ID 0670-007-MC) for chemical performance details |  |
| 10115856  | Material Propionate — clear | <ul style="list-style-type: none"> • 8" (20.3 cm) x 17" (43.2 cm) x .098" (2.5mm) • Extra-thick to help prevent warping, cracking or crazing under tough conditions ■ Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors • Please refer to MSA's <i>Chemical Application Quick Reference Guide</i> (ID 0670-007-MC) for chemical performance details |  |
| 10115851  | Material Propionate — clear | <ul style="list-style-type: none"> • 9.25" (23.5 cm) x 18" (45.7 cm) x .098" (2.5mm) • Extra-thick to help prevent warping, cracking or crazing under tough conditions • Extended length and width for greater coverage of neck and face • Please refer to MSA's <i>Chemical Application Quick Reference Guide</i> (ID 0670-007-MC) for chemical performance details |  |

NOTE: V-Gard propionate Visors offer both chemical resistance and impact protection, unlike most propionate visors on the market. Not only are they marked with Z87+, but the clear visors are also compliant with EN166, meaning they were tested at a velocity nearly 32% faster than ANSI/ISEA Z87.1-2010.





V-GARD VISORS: ELEVATED TEMPERATURE WITH HIGH-PERFORMANCE ANTI-FOG/ANTI-SCRATCH COATINGS

Markets: Food manufacturing/canneries, steel mills, construction, open-pit mining, agriculture, oil/gas/petrochemical refineries, rubber manufacturing, steam tunnels
Applications: Hot/humid conditions, chipping, splash, chiseling, drilling, grinding, machining, power fastening, sanding, sawing, outdoor work

Standards: ANSI/ISEA Z87.1-2015; EN 166 (2C-1.2 MSA 1BT9KN); CSA Z94.3 and AS/NZS 1337

Certification: Third-party by Intertek, INSPEC International Ltd., CSA International and SAI Global Ltd.

Min Order Qty: 5

| Part No. | Product Specifics | | |
|---|---|--|---|
| | Impact-rated (Z87+) with Maximum UV Protection | | |
| 10115853  | Material Polycarbonate with EN 166 performance-rated anti-fog/anti-scratch coatings for hot/humid conditions (N,K marks, respectively) — clear | <ul style="list-style-type: none"> • 10.375" (26.4 cm) x 17" (43.2 cm) x .098" (2.5 mm) • Molded visor for superior optics under heavy-duty use • Extended length for greater coverage of neck/face • Performs well against many chemicals. Refer to MSA's <i>Chemical Application Quick Reference Guide</i> (ID 0670-007-MC) for details |  |
| 10115854  | Material Polycarbonate with EN 166 performance-rated anti-fog/anti-scratch coatings for hot/humid conditions (N,K marks, respectively) — green tint to reduce glare | <ul style="list-style-type: none"> • 10.375" (26.4 cm) x 17" (43.2 cm) x .098" (2.5 mm) • Molded visor for superior optics under heavy-duty use • Extended length for greater coverage of neck/face ◆ Not for use where a Shade Infrared (IR) visor is required |  |

NOTE: V-Gard molded, green and clear visors offer superior optical quality and resistance to many chemicals. For details on optics, please refer to the MSA White Paper, "Optical Quality Requirements and V-Gard® Visors" (ID 0302-32 MC) available for download from MSA's Asset Library.

¹Standards requirements met by each V-Gard Frame or Headgear/V-Gard Visor combination designated on each V-Gard Visor.

V-Gard® Accessory System: Visors

V-GARD VISORS: ELEVATED TEMPERATURE



Markets: Food manufacturing/canneries, steel mills, construction, open pit mining, agriculture, oil/gas/petrochemical refineries, rubber manufacturing, steam tunnels

Applications: Food processing, machine operation, maintenance, millwright, cutting, punching, extrusion, drilling, blasting, casting/conveying, chemical mixing, sanding

Standards¹: ANSI/ISEA Z87.1-2015; EN 166 (2C-1.2 MSA IBT89KN); CSA Z94.3 and AS/NZS 1337

Certification: Third-party by Intertek, INSPEC International Ltd., CSA International and SAI Global Ltd.

Min Order Qty: 5

| Part No. | Product Specifics | | |
|----------|---|---|---|
| | Impact-rated (Z87+) with Maximum UV Protection | | |
| 10115844 | Material Polycarbonate with EN 166 performance-rated anti-fog/anti-scratch coatings for hot/humid conditions (N,K marks, respectively) — clear | <ul style="list-style-type: none"> • 9.25" (23.5 cm) x 17" (43.2 cm) x .098" (2.5mm) • Molded visor for superior optics under heavy-duty use • Extra-thick visor helps prevent warping, cracking or crazing • Conditioned to a high of 131° F (and a low of -23° F) and then tested to the medium impact rating in the EN166 standard (higher impact speed than ANSI/ISEA Z87.1-2010) ◆ Visors do not reflect IR; not recommended for use against radiant heat hazards |  |
| 10115845 | Material Polycarbonate with EN 166 performance-rated anti-fog/anti-scratch coatings for hot/humid conditions (N,K marks, respectively) — green tint to reduce glare | <ul style="list-style-type: none"> • 9.25" (23.5 cm) x 17" (43.2 cm) x .098" (2.5mm) • Molded visor for superior optics under heavy-duty use • Extra-thick visor helps prevent warping, cracking or crazing • Conditioned to a high of 131° F (and a low of -23° F) and then tested to the medium impact rating in the EN166 standard (higher impact speed than ANSI/ISEA Z87.1-2010) ◆ Visors do not reflect IR; not recommended for use against radiant heat hazards ◆ Not for use where a Shade infrared (IR) visor is required |  |

NOTE: V-Gard molded, green and clear visors offer superior optical quality and resistance to many chemicals. For details on optics, please refer to the MSA White Paper, "Optical Quality Requirements and V-Gard® Visors" (ID 0302-32 MC) available for download from MSA's Asset Library.

V-GARD VISORS: RADIANT HEAT/ELEVATED TEMPERATURE



Markets: Metal industries, glass manufacturing, iron and steel foundries, chemical manufacturing, construction, general manufacturing, textile manufacturing, mining, oil and gas

Applications: Grinding, pouring, casting, blowing/melting, rolling, sawing, cutting, crimping, millwrighting, machining/operating, pipelining, pulping

Standards¹: ANSI/ISEA Z87.1-2015; EN 166 (2C-2.5 MSA IBT3R [clear] and 2-4 MSA IBT3R [green tint]); CSA Z94.3 and AS/NZS 1337

Certification: Third-party by Intertek, INSPEC International Ltd., CSA International and SAI Global Ltd.

Min Order Qty: 5










| Part No. | Product Specifics | | |
|----------|---|--|---|
| | Impact-rated (Z87+) with Maximum UV Protection | | |
| 10115848 | Material Polycarbonate with EN 166 performance-rated anti-fog/anti-scratch coatings for hot/humid conditions (N,K marks, respectively) — clear | <ul style="list-style-type: none"> • 9.5" (24.1 cm) x 17.75" (45.09 cm) x .07" (1.8 mm) • Reflective coating reflects IR and helps dissipate heat: reflects >60% Infrared (IR) radiation (EN166 R mark) in the 780nm to 2000nm wavelength • Thick visor helps prevent warping, cracking or crazing • Extended length for greater coverage of face and neck; DO NOT use for welding |  |
| 10115850 | Material Polycarbonate with EN 166 performance-rated anti-fog/anti-scratch coatings for hot/humid conditions (N,K marks, respectively) — green tint to reduce glare | <ul style="list-style-type: none"> • 9.5" (24.1 cm) x 17.75" (45.09 cm) x .07" (1.8 mm) • Reflective coating reflects IR and helps dissipate heat: reflects >60% Infrared (IR) radiation (EN166 R mark) in the 780nm to 2000nm wavelength • Thick visor helps prevent warping, cracking or crazing • Extended length for greater coverage of face and neck; DO NOT use for welding ◆ Not for use where a Shade infrared (IR) visor is required |  |

NOTE: Reflective-coated visors offer protection from irradiance, or the electromagnetic radiation (EMR) energy created in elevated temperature environments. V-Gard Reflective Coated Visors offer an EN166 "R" mark. This means they have been certified to reflect >60% Infrared (IR) radiation in the 780 nm to 2000 nm wavelengths. V-Gard Reflective Visors have been shown to reduce temperatures behind the visor by several hundred degrees, and lower irradiance to below 0.1 kW/m². For details on V-Gard Reflective-Coated Visor performance, please see the MSA White Paper, "Radiant Heat Resistance" (ID 0670-020 MC) and "MSA V-Gard® Reflective-Coated Visors: Radiant Heat Resistance Simplified" (ID 0670-023 MC), available on MSA's safety.com.

¹Standards requirements met by each V-Gard Frame or Headgear/V-Gard Visor combination designated on each V-Gard Visor.





V-Gard® Accessory System: Visors

| V-GARD VISORS: WELDING (SHADE 3, SHADE 5, AND SHADE 8) | | | |
|--|--|---|---|
| Markets: Fabrication, steel mills, shipbuilding, construction, open-pit mining, agriculture, oil/gas/petrochemical refineries, rubber manufacturing | | Standards¹: ANSI/ISEA Z87.1-2015; EN 166 (4-3/3 MSA 1BT39 [shade 3] and 4-5/5 MSA 1BT39 [shade 5]); CSA Z94.3 and AS/NZS 1337, ANSI/ISEA Z87 + W8; CSA Z94.3 Shade 8 | |
| Applications: Welding, metal pouring, gas soldering, light cutting/brazing, manufacturing, impact and debris | | Certification: Third-party by Intertek, INSPEC International Ltd., CSA International and SAI Global Ltd. | |
| | | Min Order Qty: 5 | |
| Part No. | Product Specifics | | |
| | Impact-rated (Z87+) | | |
| 10115859  | Material Polycarbonate — Shade 3 IR | <ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .07" (1.8 mm)• Thickness helps prevent pitting and warping from heat or weld spatter |  |
| 10115860  | Material Polycarbonate — Shade 3 IR | <ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .07" (1.8 mm)• Thickness helps prevent pitting and warping from heat or weld spatter■ Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors |  |
| 10115861  | Material Polycarbonate — Shade 5 IR | <ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .07" (1.8 mm)• Thickness helps prevent pitting and warping from heat or weld spatter |  |
| 10115862  | Material Polycarbonate — Shade 5 IR | <ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .07" (1.8 mm)• Thickness helps prevent pitting and warping from heat or weld spatter■ Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors |  |
| 10236001 | Material Polycarbonate — Shade 8 IR | <ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .07" (1.8 mm)• Thickness helps prevent pitting and warping from heat or weld spatter |  |






¹Standards requirements met by each V-Gard Frame or Headgear/V-Gard Visor combination designated on each V-Gard Visor.

V-Gard® Accessory System: Visors

| V-GARD VISORS: ARC FLASH APPLICATION ¹ | | | |
|--|---|---|--|
| Markets: Manufacturing, utilities, construction, oil/gas/ petrochemical | | Standards²: ANSI/ISEA Z87.1-2015; ASTM F2178-2008 (Ref: NFPA 70E, HRC 2) | |
| Applications: Maintenance, impact and debris, testing/repair | | Certification: Third-party by Intertek and ArcWear | |
| | | Min Order Qty: 5 | |
| Part No. | Product Specifics | | |
| | Impact-rated (Z87+) | | |
| 10115847 | Material Polycarbonate — special tint, gray-blue visor; molded | <ul style="list-style-type: none">• 9.25" (23.5 cm) x 18" (45.7 cm) x .065" (1.7 cm)• Extended length and width for greater coverage of face and neck• Rated to 16.0 cal/cm² when tested to ASTM F2178-2008 (ref. NFPA 70E-2015 PPE Category 2), and when worn with a V-Gard Hard Hat (PN 475358) and V-Gard Frame (PN 10115730) <p><i>Call MSA Customer Service (800-MSA-2222) for protection levels when using this V-Gard Arc Visor with other V-Gard Frames and MSA Helmet combinations</i></p> |  |
| 10118480 | Material Polycarbonate — special tint, gray-blue visor; molded (for use with designated V-Gard Chin Protector) | Arc Visor Kit —consists of Visor (PN 10115858) + Chin Protector (PN 10115827) <ul style="list-style-type: none">• 8" (20.3 cm) x 17.25" (43.8 cm) x .065" (1.7 cm)• Extended length and width for greater coverage of face and neck• Rated to 21.0 cal/cm² when tested to ASTM F2178-2008 (ref. NFPA 70E-2015 PPE Category 2), and when worn with a V-Gard Hard Hat (PN 475369) and V-Gard Frame (PN 10116627) and V-Gard Standard Chin Protector (PN/10115827) <p><i>Call MSA Customer Service (800-MSA-2222) for protection levels when using this V-Gard Arc Visor with other V-Gard Frames and MSA Helmet combinations</i></p> |  |

V-Gard® Accessory System: V-Gard® Chin Protectors³

Work with select V-Gard Nitrometer Visors to provide extra protection from impact and splash hazards to face and neck.

| V-GARD CHIN PROTECTORS | | | | |
|---|-----------------------------------|--|---|---|
| Part No. | Product Name | Material | Product Specifics | |
| 10115828  | Retractable Chin Protector | Polycarbonate – opaque (ensures safety and standards compliance with clear, tinted, shaded and coated V-Gard Visors) | <ul style="list-style-type: none"> • 3.82" (9.7 cm) in height, when unretracted • Unique retractable plates allow greater flexibility of head movement both up and down, as well as side-to-side • Minimum order quantity: 5 |  |
| 10149029  | Chin Protector | Polycarbonate – clear (for improved visibility) | <ul style="list-style-type: none"> • 2.86" (7.26 cm) in height • Compact, lightweight design provides additional protection between chin and neck area • Should not be worn with tinted, arc or shaded nitrometer visors to ensure compliance with stated Standards markings/requirements • Minimum order quantity: 5 |  |
| 10115827 | Standard Chin Protector | Polycarbonate – opaque (ensures safety and standards compliance with clear, tinted, shaded and coated V-Gard Visors) | <ul style="list-style-type: none"> • 2.86" (7.26 cm) in height • Compact, lightweight design provides additional protection between chin and neck area • Minimum order quantity: 5 |  |

¹ Do not use V-Gard Arc Visors with V-Gard Headgear. These visors are designated for use with specified V-Gard Frames and MSA helmets ONLY. See "V-Gard Headgear" for additional details.

² Standards requirements met by each V-Gard Frame or Headgear/V-Gard Visor combination designated on each V-Gard Visor.

³ MSA V-Gard Chin Protectors meet the applicable safety requirements as noted on the V-Gard Nitrometer Visor when worn in conjunction with V-Gard Frames and V-Gard Nitrometer Visors.



V-Gard® Accessory System: V-Gard® Headgear

V-Gard Headgear can be used for face protection when head protection is not required. V-Gard Headgear is available in two versions: General Purpose and Elevated Temperature (Extended). V-Gard Headgear are designed and approved for use with V-Gard Visors.¹

| V-GARD HEADGEAR | | | |
|--|---|--|---|
| Markets: General industry, manufacturing, repair and maintenance, construction, oil and gas, forestry, shipbuilding, metalworking, automotive, mining, chemical industries Applications: Chipping, splash, chiseling, drilling, grinding, machining, power fastening, sanding, sawing, laboratory | | Size: Standard (6½ – 8) Standards²: ANSI/ISEA Z87.1-2015; EN 166; CSA Z94.3; and AS/NZS 1337 Certification: Third-party by Intertek, INSPEC International Ltd., CSA International and SAI Global Ltd. | |
| Part No. | Product Name | Product Specifics | |
| 10127061  | V-Gard Headgear — General Purpose Material: High Density Polyethylene (HDE) – black | <ul style="list-style-type: none"> • Patent-pending, Infini-just lift/closure with grippable knobs that don't unscrew; no parts to lose • Ratchet closure • Seven-point crown adjustment • Replaceable, sweat-wicking, cushioned headband helps keep workers dry and cool • Sweat-wicking ratchet cover keeps nape comfortable • For use ONLY with V-Gard Visors; not for use where head protection is required • All non-metal construction • Minimum order quantity: 10 |  |
| 10127062  | V-Gard Headgear — Elevated Temperature Material: Heat-resistant nylon — gray | <ul style="list-style-type: none"> • Extended browguard for additional coverage in high temperatures • Tested to withstand temperatures up to 400 ° F³ • Patent-pending, Infini-just lift/closure with grippable knobs that don't unscrew; no parts to lose • Ratchet closure • Seven-point crown adjustment • Replaceable, sweat-wicking, cushioned headband helps keep workers dry and cool • Sweat-wicking ratchet cover keeps nape comfortable • For use ONLY with V-Gard Visors; not for use where head protection is required • All non-metal construction • Minimum order quantity: 5 |  |
| 10127063 | V-Gard Headgear Kit — General Purpose | Kit Contains: <ul style="list-style-type: none"> • V-Gard General Purpose Headgear (PN 10127061) • V-Gard Clear, PC Visor, 8" (20.3 cm) x 17" (43.2 cm) x .04" (1.02 mm) (PN 10115836) |  |
| 10127065 | V-Gard Headgear Replacement Sweatband⁴ | <ul style="list-style-type: none"> • Sweat-wicking material over breathable foam helps keep workers cool, dry and comfortable • Hook & loop closure makes replacement easy • Tested to the FR requirements in CSA Z94.3-07 • Sold in boxes of 25 (5 packages of 5) |  |




¹**DO NOT** use V-Gard Headgear with V-Gard Arc Visors tested to ASTM F2178-2008 Test Method (ref. NFPA 70E-2012, Hazard Risk Category). These visors are designated for use with specified V-Gard Frames and MSA helmet ONLY as face protection for workers exposed to high voltage electric arcs. V-Gard Headgear has not been tested or certified to the Test Method, and should not be used for this type of Arc Flash protection.

²Standards requirements met by each V-Gard Frame or Headgear/V-Gard Visor combination designated on each V-Gard Visor.




³Exposure to extreme heat can cause thermal discomfort. Proper precautions should be taken to prevent heat stress and other injuries.

⁴Use only genuine MSA V-Gard Headgear replacement parts to help ensure compatibility and compliance. MSA does not warrant, guarantee or promote the use of components manufactured by other companies when used in conjunction with MSA products.

V-Gard® Accessory System: Kits

| V-GARD ACCESSORY SYSTEM KITS | | | |
|------------------------------|---|--|--|
| Part No. | Product Name | Product Specifics | |
| 10118695 | V-Gard Accessory System Kit — with V-Gard Cap-Style Hard Hat | Kit Contains: <ul style="list-style-type: none"> White V-Gard Cap with ratchet suspension (PN 475358) V-Gard Frame for Slotted Caps; with debris control (PN 10115730) V-Gard Clear, Polycarbonate Visor, 8" (20.3 cm) x 17" (43.2 cm) x .04" (1.02 mm) (PN 10115836) |  |
| 10118697 | V-Gard Accessory System Kit — without V-Gard Cap-Style Hard Hat | Kit Contains: <ul style="list-style-type: none"> V-Gard Universal Frame for Caps with debris control (PN 10115822) V-Gard Clear, Polycarbonate Visor, 8" (20.3 cm) x 17" (43.2 cm) x .04" (1.02 mm) (PN 10115836) ► Does not contain an MSA safety helmet. |  |
| 10118694 | V-Gard Forestry Kit | Kit Contains: <ul style="list-style-type: none"> Hi-Viz orange V-Gard Cap with ratchet suspension (PN 488146) V-Gard Frame for Slotted Caps; with debris control (PN 10115730) V-Gard Mesh Nitrometer (PN 10116558) V-Gard Retractable Chin Protector (PN 10115828) left/RIGHT, HIGH (NRR 28 db) Cap-Mounted Earmuffs (PN 10087422) |  |
| 10118696 ¹ | V-Gard Accessory Arc Kit | Kit Contains: <ul style="list-style-type: none"> White V-Gard Cap with ratchet suspension (PN 475358) V-Gard Frame for Slotted Caps (PN 10121266) V-Gard Arc Nitrometer with V-Gard Standard Chin Protector (PN 10118480); must be assembled by user prior to wearing to secure stated calorie rating. Rated to 11.3 cal/cm² when tested to ASTM F2178-2008 (ref. NFPA 70E-2012, Hazard Risk Category 2), and when worn with a V-Gard Cap (PN 475358), V-Gard Frame (PN 10121266) and V-Gard Standard Chin Protector (PN/10115827) |  |

V-Gard® Accessory System: Replacement Parts²

| V-GARD ACCESSORY SYSTEM REPLACEMENT PARTS | | | |
|---|-------------------------------------|--|---|
| Part No. | Product Name | Product Specifics | |
| 10117496 | Cap Frame Replacement Slot Adapters | <ul style="list-style-type: none"> For use with V-Gard Frames for Slotted Caps Sold in boxes of 5 (5 packages of 1 pair) |  |
| 10225804 | Hat Frame Replacement Slot Adapters | <ul style="list-style-type: none"> For use with V-Gard Frames for Slotted Hats Sold in boxes of 5 (5 packages of 1 pair) Hat Frame Replacement Slot Adapter is marked with an "H" (see inset image) | |
| 10116539 | Debris Control for V-Gard Frames | <ul style="list-style-type: none"> Debris control exceeds EN requirements for molten metal All-rubber construction Minimum order quantity: 10 |  |
| 10117495 | Heavy-duty Rubber Strap | <ul style="list-style-type: none"> For V-Gard Universal Cap or Hat Frames Minimum order quantity: 10 |  |

¹ Call MSA Customer Service (800-MSA-2222) for protection levels when using this V-Gard Arc Visor with other V-Gard Frames, V-Gard Chin Protectors and MSA Helmet combinations.

² Use only genuine MSA V-Gard Accessory System replacement parts to help ensure compatibility and compliance. MSA does not warrant, guarantee, or promote the use of components manufactured by other companies when used in conjunction with MSA products.



V-Gard® Accessory System: V-Gard Winter Liners



Knit Cap



Knit Cap/Hat Cover



Flame-Resistant Liner

V-GARD WINTER LINERS

| Part No. | Product Name | Product Specifics |
|----------|---|--|
| 10118417 | V-Gard Winter Liner, Knit Cap • Sold in sets of 12 | <ul style="list-style-type: none"> • Stylish skullie cap • Design prevents liner from obstructing vision • 100% high bulk acrylic |
| 10118418 | V-Gard Winter Liner, Knit Hat/Cap Cover • Sold in sets of 12 | <ul style="list-style-type: none"> • 100% acrylic • Bright yellow-green for greater visibility • Full face tube mounts under or over brim of MSA caps or hats, covering ears, mouth, cheeks and neck • Extended nape and wraparound collar for tucking into coat/shirt |
| 10118427 | V-Gard Supreme Winter Liner, Flame-Resistant 2-piece • Sold in sets of 12 | <ul style="list-style-type: none"> • Fabric tested to withstand arc exposure to an ATPV of 8 cal/cm² • Water repellant • Inside neck pocket holds warming packet² • Multi-layered flame-resistant top cap • Extended, zipper on/off high-bulk flame-resistant knit bottom • No metal parts |



Note: Flame resistant (FR) liner is made of special fibers that allow it to self-extinguish when exposed to flame or thermal ignition. Flame resistance cannot be removed by washing. Unlike many other winter liners in the market, ALL layers of fabric in V-Gard Supreme Liner are flame-resistant, affording FR protection throughout the life of the product.³ For this reason, only V-Gard Supreme Liner offers resistance to arc exposure.

Hard Hat Accessories

HEAD PROTECTION & PPE STORAGE & CARRY BAG

| Part No. | Product Name | Product Specifics |
|----------|---|---|
| 10228677 | Drawstring Storage Bag 1-pack | • For head protection equipment and PPE storage and transport |
| 10228298 | Drawstring Storage Bag 4-pack | |



UNIVERSAL 4-POINT CHINSTRAP

| Part No. | Product Name | |
|----------|------------------------------------|--|
| GA90047 | Universal 4-Point Chinstrap | |

¹ Use only genuine MSA V-Gard Accessory System replacement parts to help ensure compatibility and compliance. MSA does not warrant, guarantee, or promote the use of components manufactured by other companies when used in conjunction with MSA products.

² Warming packets available at most sporting goods retailers; not sold with liners.

³ Garment care instructions must be followed.

Hard Hat Accessories



| Attaches to shell | Attaches to suspension |
|---|--|
|  <p>P/N 10171103</p>  <p>P/N 10171104</p>  <p>P/N 10171105</p> |  <p>P/N 10171106</p>  <p>P/N 10171107</p>  <p>P/N 10124238</p> |

STANDARD CHINSTRAPS

| Part No. | Product Name | Description | Webbing | Attachment Point |
|-----------------------|----------------------------|---|----------------------|-------------------------------------|
| 10171103 ¹ | 2-Point Chinstrap | Flexible, non-metal chinstrap; adjustable | ¾" Nomex webbing | Attaches to shell |
| 10171104 | 2-Point Chinstrap | Flexible, non-metal chinstrap; adjustable | ¾" polyester webbing | Attaches to shell |
| 10171105 | 2-Point Chinstrap | Flexible, non-metal chinstrap; adjustable | ¾" cotton webbing | Attaches to shell |
| 10171106 | 2-Point Chinstrap | Flexible, non-metal chinstrap; adjustable | ¾" cotton webbing | Attaches to suspension ² |
| 10171107 | 2-Point Chinstrap | Flexible, non-metal chinstrap; adjustable | ¾" polyester webbing | Attaches to suspension ² |
| 10124238 | 4-Point Chinstrap (pkg/10) | Flexible, non-metal chinstrap; adjustable | ¾" polyester webbing | Attaches to suspension ² |




SUNSHADE HARD HAT ACCESSORIES

| Part No. | Product Name | Product Specifics |
|---|--|--|
| 10098032  | SunShade Hard Hat Accessory Yellow-green, with reflective striping | <ul style="list-style-type: none"> Fit most hats and caps Breathable, bright mesh fabric Hat clips help to keep SunShade from falling or rotating |
| 10098031  | SunShade Hard Hat Accessory Orange, with reflective striping | <ul style="list-style-type: none"> Minimum order quantity: 5 |



SUN SHIELDS


| Part No. | Product Name | Product Specifics |
|---|--|--|
| 697290 | Sun Shield for standard V-Gard Cap-Style Hard Hats only | <ul style="list-style-type: none"> Easily attaches to helmets and caps Polyurethane brim extender protects against sun and heat Smoke-tinted Lexan front for extra protection |
| 697410  | Sun Shield for standard V-Gard Full-Brim Hard Hats only | |
| 10039114 | Sun Shield for standard V-Gard 500 Cap-Style Hard Hats only | |

HARD HAT SWEATBAND

| Part No. | Product Name | Product Specifics |
|----------|--|--|
| 696688 | Terri-Band Sweatband Gray, pkg/10 | <ul style="list-style-type: none"> Custom design fits all MSA suspensions Washable, with plastic snaps |
| 10068911 | Terri-Band Sweatband Gray, single | |



MISCELLANEOUS ACCESSORIES

| Part No. | Product Name | Product Specifics | |
|----------|---|---|---|
| 10013393 | Emergency Medical Information Accessory (pkg/10) | <ul style="list-style-type: none"> Provides crucial, lifesaving information in the event of a medical crisis on the job Trilingual: English/Spanish/French |  <p>inside view</p>  <p>outside view</p> |
| 804358 | In-Service Label | <ul style="list-style-type: none"> To track shell's service life, affix label inside helmet with date of helmet's first use MSA recommended replacement: shell every 5 years/suspension every 12 months | |

¹For elevated temperatures; flame-resistant. Not recommended for use where molten metal splash hazards exist.

²Staz-On suspension only.

Industrial Hearing Protection and Communication Systems

MSA has hearing protection products for nearly every industrial application. In fact, MSA offers what customers want most: economical options, cutting-edge technology, quality and outstanding performance.

V-Gard® Helmet-Mounted Hearing Protection



Superior Performance

- Offers the highest attenuation for a cap-mounted earmuff on the market.
- Custom MSA sealing rings allow for optimal NRR performance.
- Works with slotted MSA industrial cap-style hard hats.
- Works with existing MSA visors and frames for seamless integration into your safety program.



Enhanced Comfort and Fit

- Improved sealing ring and adapters optimize pressure on the ears for all-day comfort.
- Foam-injected ear pads cushion the outer ears to allow for soft points of contact.
- Vertical adjustment allows for custom fit.
- Recessed interior foam does not touch user's ear while in use.
- When not in use, earmuffs may be stowed in "parking" position, ready for when you need them.



Modern Style

- Includes the next generation "V" design from the iconic V-Gard.
- Incorporates red, yellow, and green color-coding on the backplate and front logo to easily identify level of attenuation.
- Upgraded fork design provides a sleek look and modernized feel.
- Matte material for both cup and ear pads decreases look of wear and tear.



NRR and CSA Class Ratings for V-Gard Hearing Protection

| | LOW | | MEDIUM | | HIGH | |
|---------------------|-----|-----------|--------|-----------|------|-----------|
| | NRR | CSA Class | NRR | CSA Class | NRR | CSA Class |
| V-GARD CAP (medium) | 22 | B | 27 | A | 31 | AL |
| V-GARD CAP (small) | 23 | B | 28 | AL | 31 | AL |
| V-GARD CAP (large) | 23 | B | 27 | AL | 30 | AL |
| THERMALGARD CAP | 24 | A | 27 | A | 29 | AL |
| SUPER-V CAP | 23 | B | 28 | AL | 30 | AL |

NRR and CSA Class Ratings for V-Gard Hearing Protection

| | LOW | | MEDIUM | | HIGH | |
|------------------|-------------|-----------|--------|-----------|------|-----------|
| | NRR | CSA Class | NRR | CSA Class | NRR | CSA Class |
| V-GARD 500 CAP | 22 | B | 28 | AL | 31 | AL |
| TOPGARD CAP | 24 | A | 28 | AL | 30 | AL |
| SMOOTHDOME CAP | 24 | A | 27 | AL | 30 | AL |
| V-GARD HI HELMET | coming soon | | | | | |

V-GARD CAP-MOUNTED HEARING PROTECTION

| | | | | |
|-------------------|---|---|---|---|
| |  |  |  |  |
| PRODUCT NAME | V-Gard | | V-Gard | |
| ATTENUATION LEVEL | LOW | | MEDIUM | |
| PART NO. | 10190356 | | 10190357 | |

| | | | | | |
|-------------------|---|--|--|--|--|
| PRODUCT NAME | Hygiene Kit | | Hygiene Kit | | Hygiene Kit |
| PART NO. | 10193450 | | 10193451 | | 10193452 |
| PRODUCT SPECIFICS | for V-Gard Cap-Mounted Hearing Protection, LOW | | for V-Gard Cap-Mounted Hearing Protection, MEDIUM | | for V-Gard Cap-Mounted Hearing Protection, HIGH |

¹ https://www.osha.gov/dts/osta/otm/noise/hcp/attenuation_estimation.html



DID YOU HEAR?

The **Noise Reduction Rating (NRR)** describes the average sound level reduction (“attenuation”) provided by hearing protectors in a laboratory setting. Because the NRR reflects lab (and perhaps not real-world) usage, the Occupational Safety and Health Administration (OSHA), recommends “de-rating” the NRR to help account for incorrect fit and inconsistent wear time on worksites. OSHA’s methodology for Estimating Hearing Protector Attenuation¹:

1. 8-hour Time Weighted Exposure (TWA) = 94 dBA
2. NRR of hearing protector = 31 dBA
3. Subtract 7 dB from the NRR = 31 dB – 7 dB is 24 dB
4. Reduce value by 50% = 12 dB
5. Subtract this value from the TWA = 82 dB (Estimated Protection)
6. Decide if the Estimated Protection works for your environment!

SoundControl® Classic Helmet-Mounted Hearing Protection

Markets: General industry, manufacturing, repair and maintenance, construction, oil and gas, forestry, shipbuilding, mining





Applications: High-noise environments, industrial plants, construction sites

Standards: Meets ANSI S3.19-1974 and CSA Class A Standards

Compatible PPE:

- V-Gard Slotted and Universal Frames—no additional parts needed
- Most V-Gard Visors
- MSA hard hats, as indicated in chart below

SOUNDCONTROL CLASSIC HELMET-MOUNTED HEARING PROTECTION

| | | | | |
|--------------------------|--|--|---|---|
| |  |  |  |  |
| PRODUCT NAME | Sound Blocker™ 26 | Soprano™ | SoundControl SH | Hygiene Kit |
| PART NO. | 10022021 | 10034487 | 10129327 | 10003360 |
| PRODUCT SPECIFICS | <p>For use with MSA non-slotted cap-style hard hats</p> <ul style="list-style-type: none"> • Requires drilling into the helmet to mount the muffs • The ANSI/ISEA Z89.1 class rating of a drilled helmet is Class C | <p>For use with MSA non-slotted full-brim hard hats</p> <ul style="list-style-type: none"> • Requires drilling into the helmet to mount the muffs • The ANSI/ISEA Z89.1 class rating of a drilled helmet is Class C | <p>For use with MSA slotted full-brim hard hats</p> | <ul style="list-style-type: none"> • Foam cushions and inserts • Works with Sound Blocker 26 and SoundControl SH hearing protection |



DID YOU HEAR?

The **EPA requirement (40 CFR 211)** specifies that hearing protectors sold in the U.S. must be tested to ANSI S3.19-1974 and labeled with a Noise Reduction Rating (NRR). MSA Hearing Protectors have been tested and labeled according to the EPA requirements. Standards organizations, such as ANSI and CSA, do not approve or certify hearing protectors.

Headbands: left/RIGHT™ Hearing Protection






Markets: General industry, manufacturing, repair and maintenance, construction, OGP, forestry, shipbuilding, mining




Applications:

- Heavy mechanical industries, compression rooms, airports (**HIGH**)
- Utilities, construction, general industry (**MEDIUM**)
- Food manufacturing, automotive, light industry (**LOW**)

Standards: Meets ANSI S3.19-1974 and CSA Class A Standards

left/RIGHT HEARING PROTECTION

| | | | |
|--------------------------|--|--|---|
| |  |  |  |
| PRODUCT NAME | left/RIGHT (HIGH) | left/RIGHT (MEDIUM) | left/RIGHT (LOW) |
| PART NO. |  10087399 |  10087426 | 10087436 |
| PRODUCT SPECIFICS | •For use in high-noise environments | •For use in medium-noise environments | •For use in low-noise environments |

| | | | |
|--------------------------|--|---|---|
| |  |  |  |
| PRODUCT NAME | left/RIGHT (HIGH) Hygiene Kit | left/RIGHT (MEDIUM) Hygiene Kit | left/RIGHT (LOW) Hygiene Kit |
| PART NO. | 10092880 | 10092879 | 10092878 |
| PRODUCT SPECIFICS | •Cushions and inserts •Work with left/RIGHT helmet-mounted or headband products | | |






DID YOU HEAR?


The **attenuation of an earmuff depends on the fit** of the muff against the head and around the pinnae (i.e., the “tightness” of the seal). Gaps, including those caused by safety glasses, provide an easy path for sound to travel, reducing protection levels. To reduce this effect, try not to put anything under the cup (such as pencils, hair, etc.). But, if you must wear protective eyewear, select either those with a thin strap or a very thin temple. If the gap is noticeable, the protection level is compromised.



Headbands: SoundControl® Classic Hearing Protection



| | | |
|---|---|---|
| Markets: General industry, manufacturing, repair and maintenance, construction, oil and gas, forestry, shipbuilding, mining Applications: Confined space, sanding/grinding, power tool use, occupations with non-impulse noise, demolition, assembly Standards: Meet ANSI S3.19-1974 and CSA Class A Standards | | |
| SOUNDCONTROL CLASSIC HEARING PROTECTION | | |
| |  |  |
| PRODUCT NAME | SoundControl HPE | SoundControl EXC |
| PART NO. | 10061271 | 10061229 |
| NRR | 26 dBA | 24 dBA |
| PRODUCT SPECIFICS | <ul style="list-style-type: none"> • Lightweight, low-profile • High attenuation and excellent sealing for reliable protection • Headband design and 2-point cup mounting distributes weight evenly, offering outstanding balance and comfort • No metal parts • Cups can be moved to various wearing positions for custom fit | <ul style="list-style-type: none"> • Unique injection-molded inserts provide excellent attenuation and maximum ear space • Medium attenuation for moderate high noise exposures • 3 distinct wearing positions • Cups can be moved to a range of wearing positions for custom fit |

| | |
|--------------------------|---|
| |  |
| PRODUCT NAME | HPE Hygiene Kit |
| PART NO. | 10061291 |
| PRODUCT SPECIFICS | • Foam cushions and inserts |

| | |
|--------------------------|---|
| |  |
| PRODUCT NAME | EXC Hygiene Kit |
| PART NO. | 10061292 |
| PRODUCT SPECIFICS | • Foam cushions and inserts |

Economuff™ Earmuff Value Hearing Protection

Economuff Earmuff hearing protectors provide cost-effective options that don't sacrifice comfort or protection.

| | | |
|--|--|---|
| Markets: Repair and operation (MRO), mining, food and beverage manufacturing, metal fabrication, oil and gas, general manufacturing Applications: Facility maintenance, grinding, machine operations, sanding, welding, demolition, painting, assembly, cleaning Standards: Meet ANSI S3.19-1974 and CSA Class B Standards Compatible PPE: MSA helmets ¹ | | |
| ECONOMUFF HEARING PROTECTION | | |
| |  |  |
| PRODUCT NAME | Economuff Multi-Position | Economuff |
| PART NO. | 10061273 | 10004291 |
| NRR | 23 dBA (under chin/behind head) 24 dBA (over the head) | 20 dBA |
| PRODUCT SPECIFICS | <ul style="list-style-type: none"> • Offers 3 positions: under the chin, behind the head or over the head • Under the chin or behind the head positions allow use of head protection • Durable design for use in tough environments • No metal parts • Padded headband makes longer wear possible • 1 size fits most | <ul style="list-style-type: none"> • Soft wide cushions maintain comfortable pressure around ears • Lightweight • 1 size fits most • No metal parts • Most economical option |

¹Economuff Earmuff multi-position worn in behind-the-head or under-the-chin positions only.

Sightgard® Safety Glasses

Material: Polycarbonate

Standards¹: ANSI/ISEA Z87.1-2015 and CSA Z94.3 (as noted)



Certification: Third-party by ICS and CSA International

Minimum Order Qty: 12


Indoor

Markets: Facility maintenance, repair and operations, construction, food and beverage, general manufacturing and industry, mining, oil and gas, pharmaceuticals, transportation, shipbuilding, automotive

Applications: Assembly and mechanical, drilling, grinding, machining, painting, sanding, sawing

| INDOOR |  |
|---|--|
| MODEL | |
| Arctic | |
| PART NO. | |
| 697514  | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Tuff Stuff™ Anti-Scratch Coating | <ul style="list-style-type: none"> Clear lens Frameless and lightweight Among our most popular models Full side coverage |

| INDOOR |  |
|--|---|
| MODEL | |
| Discovery II | |
| PART NO. | |
| 10106382  | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) | <ul style="list-style-type: none"> Clear lens Flexible, nylon temple arms adjust to head width Soft nose bridge Extra-lightweight |

| INDOOR |  |
|--|--|
| MODEL | |
| Luxor | |
| PART NO. | |
| 697516  | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Tuff Stuff Anti-Scratch Coating | <ul style="list-style-type: none"> Clear lens Single wrap-style lens Horizontal temple adjustment |

| INDOOR |  |
|--|--|
| MODEL | |
| Sierra | |
| PART NO. | |
| 697550 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Tuff Stuff Anti-Scratch Coating | <ul style="list-style-type: none"> Clear lens Classic full-coverage look Adjustable temples Integral side protection Full side coverage |

| INDOOR |  |
|--|--|
| MODEL | |
| Vista | |
| PART NO. | |
| 10070914 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Tuff Stuff Anti-Scratch Coating | <ul style="list-style-type: none"> Clear lens Frameless and lightweight Among our most popular models Full side coverage |

Indoor/Humid Conditions

Markets: Facility maintenance, repair and operations, construction, food and beverage, general manufacturing and industry, mining, oil and gas, pharmaceuticals, transportation, shipbuilding, automotive

Applications: Assembly and mechanical, drilling, grinding, machining, painting, sanding, sawing

| INDOOR/HUMID |  |
|--|--|
| MODEL | |
| Arctic Elite | |
| PART NO. | |
| 10038845  | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Tuff Stuff Anti-Scratch Coating Anti-fog coating | <ul style="list-style-type: none"> Clear lens Rubber tipped temples and nosebridge for comfortable, yet secure fit |

| INDOOR/HUMID |  |
|--|---|
| MODEL | |
| Aurora | |
| PART NO. | |
| 10026005 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Tuff Stuff Anti-Scratch Coating Anti-fog coating | <ul style="list-style-type: none"> Clear lens Ratchet temple adjustment Single, 7-base wrap curve lens |

| INDOOR/HUMID |  |
|---|--|
| MODEL | |
| Pyrenees | |
| PART NO. | |
| 10033718 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Anti-fog coating | <ul style="list-style-type: none"> Clear lens Full side protection Dual injected, soft-tipped temples |

¹ CSA International certified models are denoted with a  symbol.

Above-the-Neck Protection Solutions





Sightgard® Safety Glasses

Material: Polycarbonate

Standards: ANSI/ISEA Z87.1-2015 and CSA Z94.3 (as noted)

Certification: Third-party by ICS and CSA International

Minimum Order Qty: 12

| INDOOR/HUMID |   |
|---|---|
| MODEL | |
| Voyager | |
| PART NO. | |
| 10065849 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Anti-fog coating | <ul style="list-style-type: none"> Clear lens Single wrap-style lens |


Indoor/Outdoor

Markets: General industry, manufacturing, construction, oil and gas, forestry, shipbuilding, automotive, food and beverage, mining, pharmaceuticals, primary metals, transportation

Applications: Assembly and mechanical, chipping, chiseling, cleaning, drilling, grinding, machining, masonry, riveting, sanding, sawing, UV protection

| INDOOR/OUTDOOR |  |
|---|---|
| MODEL | |
| Arctic | |
| PART NO. | |
| 10008179 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Anti-scratch coating Anti-fog coating Maximum UV protection (U6) | <ul style="list-style-type: none"> Blue mirror reduces glare without causing color degradation Popular, lightweight model Full side coverage |

| INDOOR/OUTDOOR |  |
|---|--|
| MODEL | |
| Arctic Elite | |
| PART NO. | |
| 10059671 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Anti-fog coating Maximum UV protection (U6) | <ul style="list-style-type: none"> Indoor/outdoor mirror allows workers to go from bright to low light conditions Rubber tipped temples and nosebridge for comfortable, yet secure fit |

| INDOOR/OUTDOOR |   |
|--|--|
| MODEL | |
| Vista | |
| PART NO. | |
| 10070916 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Tuff Stuff Anti-Scratch Coating Maximum UV protection (U6) | <ul style="list-style-type: none"> Indoor/outdoor mirror allows workers to go from bright to low light conditions Vertical temple adjustment Lightweight, single lens |

Outdoor

Markets: Aviation, general manufacturing, mining, oil and gas, pharmaceuticals, primary metals, transportation

Applications: Assembly and mechanical, chipping, chiseling, drilling, grinding, machining, sanding, sawing

| OUTDOOR |  |
|---|---|
| MODEL | |
| Arctic | |
| PART NO. | |
| 697515 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Anti-scratch coating | <ul style="list-style-type: none"> Gray tint lens Temples flex for a custom fit Full side coverage |

| OUTDOOR |    |
|---|---|
| MODEL | |
| Arctic Elite | |
| PART NO. | |
| 10038846 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Anti-fog coating | <ul style="list-style-type: none"> Gray tint lens Rubber tipped temples and nosebridge for comfortable, yet secure fit |

| OUTDOOR |    |
|--|--|
| MODEL | |
| Easy Flex | |
| PART NO. | |
| 10070918 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Tuff Stuff Anti-Scratch Coating | <ul style="list-style-type: none"> Gray tint lens Temples flex for a custom fit |

| OUTDOOR |   |
|--|---|
| MODEL | |
| Luxor | |
| PART NO. | |
| 697517 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Tuff Stuff Anti-Scratch Coating | <ul style="list-style-type: none"> Gray tint lens Horizontal temple adjustment Wrap-style single lens |

¹ CSA International certified models are denoted with a  symbol.

Sightgard® Safety Glasses

Material: Polycarbonate

Standards: ANSI/ISEA Z87.1-2015 and CSA Z94.3 (as noted)

Certification: Third-party by ICS and CSA International

Minimum Order Qty: 12

| OUTDOOR |  |
|---|---|
| MODEL | |
| Pyrenees | |
| PART NO. | |
| 10033719 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Anti-fog coating | <ul style="list-style-type: none"> Gray tint lens Full side protection Dual-injected soft-tipped temples Single wrap-style lens Full side coverage |

Outdoor with UV Exposure

Markets: General industry, manufacturing, construction, oil and gas, forestry, shipbuilding

Applications: Chipping, splash, chiseling, drilling, grinding, machining, power fastening, sanding, sawing

| OUTDOOR/UV |  |
|---|---|
| MODEL | |
| Feather Fit | |
| PART NO. | |
| 10106384 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Maximum UV protection (U6) | <ul style="list-style-type: none"> Gray tint lens Comfortable rubber flange nosepiece Rubber temple grips help glasses stay put under hot working conditions Full side coverage |

| OUTDOOR/UV |  |
|---|---|
| MODEL | |
| Voyager | |
| PART NO. | |
| 10065850 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Anti-scratch coating Maximum UV protection (U6) | <ul style="list-style-type: none"> Gray tint lens Single lens |




DID YOU KNOW?

A common misconception is that all polycarbonate blocks UV. This is not the case. Under ANSI/ISEA Z87.1-2015 there is a required marking if the manufacturer claims protection from UV. Look for eyewear that both meets ANSI/ISEA Z87.1-2015 and has a **U** mark.

Over-the-Glasses


Markets: Facility safety, maintenance, repair and operations, overhaul, general industry, manufacturing, construction, oil and gas, metalworking, automotive

Applications: Assembly and mechanical, drilling, grinding, machining, masonry, power fastening, riveting, sanding, sawing

| OVER-THE-GLASSES |  |
|---|--|
| MODEL | |
| OvrG™ II | |
| PART NO. | |
| 10118475 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Maximum UV protection (U6) | <ul style="list-style-type: none"> Clear lens For use over small-to-medium Rx glasses Squared-off, stylish look 30% lighter weight than standard visitor specs |

| OVER-THE-GLASSES |  |
|---|---|
| MODEL | |
| OvrG II | |
| PART NO. | |
| 10118476 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Maximum UV protection (U6) | <ul style="list-style-type: none"> Indoor/outdoor mirrored lens For use over small-to-medium Rx glasses |

| OVER-THE-GLASSES |  |
|---|--|
| MODEL | |
| Rx Overglasses | |
| PART NO. | |
| 10118476 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Anti-fog coating | <ul style="list-style-type: none"> Clear lenses Fits over most Rx glasses Horizontal and vertical temple adjustment |

| OVER-THE-GLASSES |  |
|---|---|
| MODEL | |
| Plant Visitor | |
| PART NO. | |
| 10027944 (ea) 697500 (10/box) 10008174 (144/box) | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) | <ul style="list-style-type: none"> Clear lens Classic look fits over most Rx glasses Integral, vented side shields |

¹ CSA International certified models are denoted with a  symbol.



Sightgard® Safety Glasses

Material: Polycarbonate

Standards: ANSI/ISEA Z87.1-2015 and CSA Z94.3 (as noted)

Certification: Third-party by ICS and CSA International

Minimum Order Qty: 12

Low Light

Markets: Transportation, inspection and repair, assembly, general industry, indoor construction, shipbuilding, automotive, food and beverage, pharmaceuticals

Applications: Assembly, chipping, chiseling, drilling, grinding, machining, pouring/casting, power fastening, riveting, sanding, sawing

| LOW LIGHT | |
|--|---|
| MODEL |  |
| Easy Flex | |
| PART NO. | |
| 10070919 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Tuff Stuff Anti-Scratch Coating | <ul style="list-style-type: none"> Amber lens increases contrast in low light Temples flex for a custom fit Full side coverage |

| LOW LIGHT | |
|---|---|
| MODEL |  |
| Pyrenees | |
| PART NO. | |
| 10033740 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Anti-fog coating | <ul style="list-style-type: none"> Amber lens increases contrast in low light Full side protection Dual-injected soft-tipped temples |

Welding

Markets: General industry, manufacturing, construction, oil and gas, forestry, shipbuilding, metalworking; automotive, aviation

Applications: Welding, chiseling, drilling, grinding, machining, masonry, pouring/casting, power fastening, riveting, sanding, sawing

| WELDING | |
|---|---|
| MODEL |  |
| Clearvue® IR | |
| PART NO. | |
| 10012847 | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) | <ul style="list-style-type: none"> Classic look with Infrared (IR) radiation eye protection, up to Shade 5 Fits over most Rx glasses Integral, vented side shields |

Magnifiers

Markets: Facility safety, maintenance, repair and operations, overhaul, general industry, manufacturing, construction, metalworking, automotive

Applications: Fine assembly and detail work, drilling, grinding, machining, soldering, riveting, sanding

| MAGNIFIERS | |
|--|---|
| MODEL |  |
| Pyrenees MAG | |
| PART NO. | |
| 10068832 1.5 bifocal magnification 10065847 2.0 bifocal magnification | |
| SAFETY FEATURES | STYLING |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Anti-fog coating | <ul style="list-style-type: none"> Clear lenses Full side protection Dual-injected soft-tipped temples |

¹ CSA International certified models are denoted with a  symbol.

Sightgard® Safety Goggles

| SIGHTGARD SAFETY GOGGLES SELECTION GUIDE | | | |
|--|--------------------------------|---------------------------|-----------------------------|
| STYLE | CONDITIONS | | |
| | General purpose: impact/splash | Industrial: impact/splash | Industrial: chemical/splash |
| SIGHTGARD NV | ■ | | |
| SIGHTGARD IV | ■ | | |
| CLEARVUE® 200 | ■ | ■ | |
| FLEXICHEM™ IV | ■ | ■ | ■ |
| VAULT™ | ■ | ■ | |
| VERTOGGLE™ | ■ | ■ | |

Standards: ANSI/ISEA Z87.1-2015 and CSA Z94.3

Certification: Third-party by ICS and CSA International

| SAFETY GOGGLES | |
|---|---|
| MODEL |  |
| Sightgard NV | |
| PART NO. | |
| 10106268  | |
| SAFETY FEATURES | PRODUCT SPECIFICS |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Splash-rated (D3) Anti-fog coating Tuff Stuff Anti-Scratch Coating | <ul style="list-style-type: none"> Non-vented for tighter seal Minimum order quantity: 12 |

| SAFETY GOGGLES | |
|---|--|
| MODEL |  |
| Sightgard IV | |
| PART NO. | |
| 10106270  | |
| SAFETY FEATURES | PRODUCT SPECIFICS |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Splash-rated (D3) Anti-fog coating Tuff Stuff Anti-Scratch Coating | <ul style="list-style-type: none"> Indirect-venting helps keep goggles fog-free Minimum order quantity: 12 |

| SAFETY GOGGLES | |
|--|---|
| MODEL |  |
| Clearvue 200 | |
| PART NO. | |
| 10029693  | |
| SAFETY FEATURES | PRODUCT SPECIFICS |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Splash-rated (D3) Anti-fog coating | <ul style="list-style-type: none"> Clear acetate lens resists warping, cracking and crazing from chemical splash Flame-retardant strap Soft, pliable goggle body ensures all-day comfort Indirect vent helps eliminate fogging while retaining splash resistance Minimum order quantity: 6 |

| SAFETY GOGGLES | |
|--|---|
| MODEL |  |
| Vault | |
| PART NO. | |
| 10106282 | |
| SAFETY FEATURES | PRODUCT SPECIFICS |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Splash-rated (D3) Anti-fog coating | <ul style="list-style-type: none"> Modern styling Comfortable, thick strap Minimum order quantity: 6 |

¹ CSA International certified models are denoted with a  symbol.



WARNING: The products listed below can expose you to chemicals including Di(2-ethylhexyl)phthalate (DEHP) which is known to the State of California to cause cancer or reproductive harm. For more information, visit www.P65Warnings.ca.gov.

| MSA Product Part No. | MSA Product Description | CA Prop 65 Chemical Name | Chemical Hazard Type |
|----------------------|-------------------------------------|----------------------------------|---------------------------|
| 10106268 | Safety Goggles, Sightgard NV, Clear | DEHP (di-(2-ethylhexyl)phthalate | Carcinogen & Reproductive |
| 10106270 | Safety Goggles, Sightgard IV, Clear | DEHP (di-(2-ethylhexyl)phthalate | Carcinogen & Reproductive |
| 10029693 | Safety Goggles, Clearvue 200, Clear | DEHP (di-(2-ethylhexyl)phthalate | Carcinogen & Reproductive |

Sightgard® Safety Goggles

Standards¹: ANSI/ISEA Z87.1-2015 and CSA Z94.3

Certification: Third-party by ICS and CSA International

| SAFETY GOGGLES | |
|--|---|
| MODEL |  |
| FlexiChem IV | |
| PART NO. | |
| 10106281 | |
| SAFETY FEATURES | PRODUCT SPECIFICS |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Splash-rated (D3) Anti-fog coating | <ul style="list-style-type: none"> Clear acetate lens resists warping, cracking and crazing from chemical splash Flame-retardant strap Soft, pliable goggle body ensures all-day comfort Indirect vent helps eliminate fogging while retaining splash resistance Minimum order quantity: 6 |

| SAFETY GOGGLES | |
|---|--|
| MODEL |  |
| Sightgard Vertoggle™ Safety Goggles/Faceshield Combination | |
| PART NO. | |
| 10150069  | |
| SAFETY FEATURES | PRODUCT SPECIFICS |
| <ul style="list-style-type: none"> Impact-rated (Z87+) Splash-rated (D3) Anti-fog coating anti-scratch coating on goggle lens | <ul style="list-style-type: none"> Clear polycarbonate lens and frosted polycarbonate faceshield Soft, pliable goggle body helps ensure all-day comfort Unique, articulated lift-front retains the shield on the goggle in any of five positions Indirect venting on goggle and faceshield improve airflow while providing splash and high impact protection Entire assembly tested at ANSI/ISEA Z87.1-2010 faceshield impact speed (300 ft/sec) Fully adjustable FR-tested (CSA Z94.3 test methodology) elastic strap prevents hair pulling Disposable respirators can be worn under shield Designed to work with MSA goggle retainers Minimum order quantity: 5 |

Eyewear and Goggle Accessories

|  | | | | |
|---|---|--|--|--|
|  | | | | |
|  | | | | |
|  | | | | |
| PRODUCT NAME | Goggle Retainer | | | |
| PART NO. |  459458 for caps  449895 for hats | | | |
| PRODUCT SPECIFICS | <ul style="list-style-type: none"> Sturdy neoprene-rubber accessory Can be used with any protective cap or hat Retains goggle on headwear when not in use Holds goggle securely when worn for eye protection. <p>MSA goggle retainers are manufactured for use ONLY with MSA goggles in order to comply with the applicable standards of the products in the assembly.</p> | | | |
| | Deluxe Eyewear Lanyard | | | |
| PART NO. | 10020871 | | | |
| PRODUCT SPECIFICS | <ul style="list-style-type: none"> Holds eyewear securely Lanyard strap slides over temple Pkg of 12 | | | |
| | Fogpruf™ Cleaner Refill | | | |
| PART NO. | 13016 | | | |
| PRODUCT SPECIFICS | <ul style="list-style-type: none"> 4 oz. bottle | | | |
| | Towelettes | | | |
| PART NO. | 10022087 | | | |
| PRODUCT SPECIFICS | <ul style="list-style-type: none"> Pre-moistened Box of 100 | | | |

¹ CSA International certified models are denoted with a  symbol.


WARNING: The products listed below can expose you to chemicals including Di(2-ethylhexyl)phthalate (DEHP) which is known to the State of California to cause cancer or reproductive harm. For more information, visit www.P65Warnings.ca.gov.

| MSA Product Part No. | MSA Product Description | CA Prop 65 Chemical Name | Chemical Hazard Type |
|----------------------|---|----------------------------------|---------------------------|
| 10106281 | Safety Goggles, FlexiChem IV, Clear | DEHP (di-(2-ethylhexyl)phthalate | Carcinogen & Reproductive |
| 10150069 | Safety Goggle and Faceshield Combination, Clear | DEHP (di-(2-ethylhexyl)phthalate | Carcinogen & Reproductive |



MSA—The Safety Company

Established in 1914, MSA Safety Incorporated is the global leader in the development, manufacture, and supply of safety products that protect people and facility infrastructures. Many MSA products integrate a combination of electronics, mechanical systems, and advanced materials to protect users against hazardous or life-threatening situations. The company's comprehensive product line is used by workers around the world in a broad range of markets, including the oil, gas, and petrochemical industry, the fire service, the construction industry, mining, and the military. MSA's core products include self-contained breathing apparatus, fixed gas and flame detection systems, portable gas detection instruments, industrial head protection products, firefighter helmets and protective apparel, and fall protection devices. With 2021 revenues of \$1.4 billion, MSA employs approximately 4,800 people worldwide. The company is headquartered north of Pittsburgh in Cranberry Township, PA, and has manufacturing operations in the United States, Europe, Asia, and Latin America. With more than 40 international locations, MSA realizes approximately half of its revenue from outside North America. For more information visit MSA's web site at www.MSAsafety.com.

Our Mission

MSA's mission is to see to it that men and women may work in safety and that they, their families, and their communities may live in health throughout the world.

MSA: WE KNOW WHAT'S AT STAKE.

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

MSA operates in over 40 countries worldwide. To find an MSA office near you, please visit MSAsafety.com/offices.