Above-the-Neck
Protection Solutions

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

MSA
The Safety Company



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.

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

- "Try It" sample program offers100+ leading MSA products, including V-Gard Hard Hats, V-Gard Accessories, left/RIGHT earmuffs, and Sightgard® eyewear–completely **FREE of charge**! Look for the TRY IT! 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.**

Table of Contents

V-Gard® Protective Hard Hats 4–6
V-Gard GREEN Hard Hats 6
Replacement Suspensions for MSA Hard Hats 7
Hard Hat Customization 8–9
V-Gard NFL Hard Hats 10–11
V-Gard Freedom Series and Specialty Hard Hats 12
V-Gard Hydro Dip Hard Hats 13
V-Gard 500 Hard Hats 14
Topgard® Hard Hats 14
SmoothDome® Hard Hats 15
Thermalgard® Hard Hats 15
Skullgard® Hard Hats 16
Super-V® Hard Hats 16
Comfo-Cap® Hard Hats 17
Bump Caps 17
V-Gard H1 Safety Helmets 18–19
V-Gard Accessory System 20–29
- V-Gard Frames 20–22
- V-Gard Visors 23–27
- V-Gard Headgear 28
- V-Gard Chin Protectors 29
- V-Gard Frameless Barrier 29
- V-Gard Accessory System Kits 30
- V-Gard Accessory Replacement Parts 30

Hard Hat Accessories 31–32
Hearing Protection 33–37
Sightgard® Protective Eyewear 38–43
- Sightgard Safety Glasses 38–41
- Sightgard Safety Goggles 42–43
- Eyewear Accessories 43

ANSI/ISEA Z89.1-2014 and CSA Z94.1-2015 *(Industrial Head Protection Standards)*

ANSI/ISEA Z89.1-2014 and CSA Z94.1-2015 voluntary industry standards establish industrial helmet types and classes, providing performance and testing requirements. These standards include specifications for helmets designed to offer protection from top and/or lateral impact.

Three classes included in these standards indicate helmet electrical insulation rating:

Class E (Electrical) – Helmets intended to reduce the danger of exposure to high-voltage electrical conductors, proof-tested at 20,000 volts.

Class G (General) – Helmets intended to reduce the danger of exposure to low-voltage electrical conductors, proof-tested at 2,200 volts.

Class C (Conductive) – Helmets do not provide protection from electrical conductors.

Industrial head protection test requirements per ANSI/ISEA Z89.1-2014 and CSA Z94.1-2015 are separated by helmet type: Type I helmets protect wearers from top impact, while Type II helmets protect wearers from top and lateral impact. Test requirements for ANSI/ISEA Z89.1-2014 and CSA Z94.1-2015 are available from the Industrial Safety Equipment Association (www.safetyequipment.org) and www.CSA.ca, respectively.

In addition to three non-mandatory tests for reverse donning [], lower temperature [LT] and high-visibility [HV], the ANSI/ISEA Z89.1-2014 standard also includes these provisions:

- **Section 5: Accessories and Replacement Components**
  Revised standard includes language to further support the premise that accessory/component manufacturers are responsible for proving that their products do not cause helmets to fail.

- **Section 6: Instructions and Markings**
  Clarification language was added to help customers understand that "useful service life" for helmets is not required by the Standard, although helmet manufacturers may choose to include it.

- **Section 7.3.3 Higher Temperatures (HT)**
  Revision enables additional protection in response to needs of users who may work within hot environments. Optional preconditioning at higher temperatures of 60°C ± 2°C (140°F ± 3.6°F) has been added. (In the 2009 Standard, temperature conditioning was 48.8°C ± 2°C (120°F ± 3.6°F).) If a helmet has been pre-conditioned to 60°C ± 2°C (140°F ± 3.6°F), the helmet will be marked as HT. In addition, new updates allow for flexibility and inclusion of emerging and current best manufacturing materials for higher temperature protection.

NOTE: the Standard does not address pre-conditioning that could be needed for temperature and radiant heat extremes. To ensure that you have the proper head protection level needed for your specific heat application, check with the manufacturer for stated usage of any helmet.

Non-Mandatory ANSI/ISEA Z89.1-2014 Tests

Reverse Donning []

To enable a helmet to be worn in reverse, or a swing ratchet suspension to be used in a helmet, that particular helmet must be marked with the "double-arrowed circle" to indicate that it meets the non-mandatory reverse donning test.

Lower Temperature [LT]

The traditional low temperature test for a helmet is -18°C or 0°F. Helmets that meet ANSI Z89.1 requirements for LOWER temperatures (-30°C or -22°F) can be marked with LT by the manufacturer.

High-Visibility [HV]

Helmets that meet non-mandatory requirements for high-visibility, including special tests forchromaticity and luminescence for added visibility, can be marked with HV by the manufacturer.

Higher Temperature [HT]

The traditional pre-conditioning temperature test for a helmet is 48.8°C ± 2°C (120°F ± 3.6°F). Helmets that meet ANSI Z89.1 requirements for HIGHER temperatures pre-conditioned to 60°C ± 2°C (140°F ± 3.6°F) can be marked with HT by the manufacturer. HT does not indicate pre-conditioning that could be needed to validate temperature and radiant heat extremes.

All MSA hard hats have been tested per the mandatory and non-mandatory ANSI/ISEA Z89.1-2014 and CSA Z94.1-2015 requirements, as indicated. MSA offerings include:

MSA Hard Hat	Standard(s)	Type	Class	ANSI Z89 Non-Mandatory Tests
V-Gard Cap/Hat	ANSI/ISEA Z89.1-2014; CSA Z94.1-2015	Type I	Class E	HT/  /LT/HV
V-Gard GREEN Cap/Hat	ANSI/ISEA Z89.1-2014; CSA Z94.1-2015	Type I	Class E	HT/  /LT/HV
V-Gard 500 Vented Cap/Hat	ANSI/ISEA Z89.1-2014; CSA Z94.1-2015	Type I	Class C	HT/  /LT/HV
V-Gard 500 Non-Vented Cap/Hat	ANSI/ISEA Z89.1-2014; CSA Z94.1-2015	Type I	Class E	HT/  /LT/HV
SmoothDome Cap	ANSI/ISEA Z89.1-2014; CSA Z94.1-2015	Type I	Class E	HT/  /LT/HV
Topgard Cap/Hat	ANSI/ISEA Z89.1-2014; CSA Z94.1-2015	Type I	Class E	HT/  /LT/HV
Thermalgard Cap	ANSI/ISEA Z89.1-2014; CSA Z94.1-2015	Type I	Class G	HT/  /LT/HV
Skullgard Cap/Hat	ANSI/ISEA Z89.1-2014	Type I	Class G	HT/  /LT/HV
Super-V Cap	ANSI/ISEA Z89.1-2014; CSA Z94.1-2015	Type II	Class E	HT/LT/HV
Comfo Cap	ANSI/ISEA Z89.1-2014	Type I	Class G	HT/LT

For additional ANSI/ISEA Z89.1-2014 update details, please refer to MSA white paper *ANSI/ISEA Z89.1-2014 American National Standard for Industrial Head Protection (ID0600-66-MC / August 2014)*. This white paper is available as a **FREE** download on any MSA industrial helmet page when you visit www. 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
Colors ..... ***Cap-Style:*** ☐
Full-Brim Hat: ☐
Sizes ..... ***Cap-Style:*** small (6 – 7⅛″); 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 8–9)
Replacement Suspensions ..... See page 7

Matte Finish

Classification ..... Type I
Application ..... General purpose
Shell Material ..... Polyethylene
Styles ..... **Slotted cap only**
Colors ..... ***Cap-Style:*** ☐

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 8–9)
Replacement Suspensions ... See page 7



DID YOU KNOW?

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

V-Gard Hard Hats

	Small V-Gard Slotted Cap		Standard V-Gard Slotted Cap			Large V-Gard Slotted Cap	
Color	w/ Staz-On® Suspension	w/ Fas-Trac® III Suspension[1]	w/ Staz-On Suspension	w/ 1 Touch® Suspension[1]	w/ Fas-Trac III Suspension[1]	w/ Staz-On Suspension	w/ Fas-Trac III Suspension[1]
COMPLETE V-GARD ASSEMBLIES — ***GLOSS*** FINISH							
WHITE	466354	477477	463942	10057441	475358	473284	477482
BLUE	466355	477478	463943	10057442	475359	476928	477483
YELLOW	466356	477479	463944	10057443	475360	473285	477484
ORANGE	—	—	463945	10057444	475361	—	—
RED	—	—	463947	10057446	475363	—	—
GREEN	—	—	463946	10057445	475362	—	—
GRAY	—	—	463948	10057447	475364	—	—
HI-VIZ® ORANGE[2]	—	—	488148	10057420	488146	—	489364
HI-VIZ YELLOW-GREEN[2]	—	—	—	10061514	10061512	—	—
BRIGHT LIME GREEN	—	489368	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	—	—

	V- Gard Slotted Full-Brim Hat (Std)		
Color	w/ Staz-On Suspension	w/ 1 Touch Suspension[1]	w/ Fas-Trac III Suspension[1]
COMPLETE V-GARD ASSEMBLIES — ***GLOSS*** FINISH			
WHITE	454733	10058321	475369
BLUE	454732	10058320	475368
YELLOW	454730	10058318	475366
ORANGE	454734	10058322	496075
RED	454736	10058324	475371
GREEN	454735	10058323	475370
GRAY	454731	10058319	475367
HI-VIZ® ORANGE[2]	489360	10058326	10021292
HI-VIZ YELLOW-GREEN[2]	—	10061516	10061515
BRIGHT LIME GREEN	815562	—	815570
DARK (CANADIAN) BLUE	—	—	802975
HOT PINK	10156374	—	10156373

	V- Gard Slotted Cap (Std)
Color	w/ Fas-Trac III Suspension[1]
COMPLETE V-GARD ASSEMBLIES — ***MATTE*** FINISH	
WHITE	10203081
BLUE	10203082
YELLOW	10203083
ORANGE	10203087
RED	10203086
GREEN	10203085
GRAY	10203084
HI-VIZ® ORANGE[2]	10203089
HI-VIZ YELLOW[2]	10203088
BLACK	10203092

[1]*Certified to CSA.*
[2]*V-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.*

V-Gard Hard Hat Special Assemblies

Color	Standard V-Gard Slotted Cap			V- Gard Slotted Full-Brim Hat		
	w/ Staz-On Suspension	w/ 1 Touch Suspension[1]	w/ Fas-Trac III Suspension[1]	w/ Staz-On Suspension	w/ 1 Touch Suspension[1]	w/ Fas-Trac III Suspension[1]
SPECIAL V-GARD ASSEMBLIES						
HI-VIZ ORANGE *w/yellow-green stripe*[2]	—	10102195	10102193	—	—	—
HI-VIZ YELLOW-GREEN *w/red-orange stripe*[2]	—	10102234	10102233	—	—	—
HI-VIZ YELLOW-GREEN *w/silver stripe*[2]	—	10102196	10102194	—	—	—
WHITE *w/lamp bracket and cord holder (Class C)*	460018	—	—	460069	—	815009
WHITE *w/American Flag*	474159	—	—	—	—	—
V-GARD ASSEMBLY WITH SWING-RATCHET SUSPENSION						
WHITE	10004689	Standard-size V-Gard Cap, w/Swing-Ratchet Suspension				



V-Gard w/Lamp Bracket and Cord Holder



V-Gard w/Swing-Ratchet Suspension

V-Gard® GREEN Hard Hats: *the world's first hard hat made from renewable resources*

V-Gard GREEN hard hats are constructed of renewable green high-density polyethylene (GHDPE); traditional V-Gard Helmets are manufactured through standard HDPE production methods. V-Gard GREEN hard hats provide the same appearance and quality as MSA V-Gard hard hat. Test results for V-Gard GREEN helmet shells indicated 95% bio-based content.



Classification ..... Type I
Application ..... General purpose
Shell Material ..... Green high-density polyethylene (GHDPE)
Styles ..... Slotted cap with 4-point Fas-Trac® III Suspension; slotted full-brim hat with 4-point Fas-Trac® III Suspension
Colors ..... ☐ 🟨 🟦 🟩 🟥
Sizes ..... Standard (6½ – 8″)
Standards ..... ANSI/ISEA Z89.1-2014 (Class E); CSA Z94.1-2015 (Class E)
Certification ..... Third-party by SEI; USDA Biobased Certified
Customization ..... Imprinting and striping available (see pages 8–9)
Replacement Suspensions ... See page 7

USDA CERTIFIED BIOBASED PRODUCT PRODUCT 95%

	V-Gard GREEN Slotted Cap	V- Gard GREEN Slotted Full-Brim Hat
WHITE	10150199	10160923
YELLOW	10150200	10160924
BLUE	10150221	10160925
GREEN	10150222	10160926
RED	10150223	10160927

DID YOU KNOW?

On average, production of each V-Gard GREEN helmet removes approximately 2 lbs. of CO_2 from the atmosphere, according to the GHDPE material supplier.

[1] *Certified to CSA.*
[2] *V-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.*

Replacement Suspensions for MSA Hard Hats

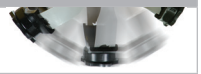
MSA Fas-Trac® III Ratchet Suspension

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.MSAsafety.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 TRY IT!	10061123 TRY IT!	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	—
SMOOTHDOME CAP (STANDARD)	10148708	10061123	10087218	816645
TOPGARD CAP OR HAT (STANDARD)	10153384 TRY IT!	10061127	—	816648
THERMALGARD CAP (STANDARD)	10153384 TRY IT!	10061127	—	—
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	—

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

	Part No.	Product Specifics
	10153518 TRY IT!	• 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.

[1]*Swing ratchet size is 6½" through 7⅞"*

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 it[1].

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 artwork[2].

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 stripes[3] 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. Our newest stock logos honor breast cancer survivors and fighters everywhere. They were designed specifically for use on our new Hot Pink V-Gard, but work well on just about any MSA hard hat! 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 can be used alone or with your customized logo and striping.

Hard Hat Color Choices

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

Personalization

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





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

[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 on-line logo configuration order:

1. Visit: http://webapps2.msasafety.com/logoexpress/#/intrologin
2. Select "No" when asked are you a distributor.
3. Select "Customize Now".
4. Choose a standard.
5. Select your hard hat and click "Customize It".
6. Choose your size.
7. Choose your suspension (Fas-Trac III is recommended).
8. Choose your shell color.
9. Choose any striping you wish to include.
10. Upload your logo or chose from a stock logo.
    - Logos cannot be trademarked or of any sports team without the written consent of the logo owner.
    - For optimum quality and turnaround, please submit artwork as a vector file format.
    - Acceptable formats include: CDR, AI, and EPS. Don't have a vector file? We also accept these formats: JPG, PDF, TIFF, PNG, BMP and GIFs.
11. Place your order.

    If you are the end user:
    - Save and email.
    - Review terms and click "Accept".
    - Complete form and send email to:
      - Distributor Name
      - Distributor Email

    If you are a Channel Partner, you can place the order once you have completed the logoing process OR you can enter in the code emailed to you by the end user to finalize the ordering process.

Should you choose to personalize your hard hat, please complete form ID #0617-17-MC and submit with order.

- Please see **"MSA Logo Express® Service Artwork Guidelines"** (ID 0617-06-MC) for details on artwork submission. We can deliver your custom hard hats faster if we have our preferred artwork file formats, but we will work with whatever you give us to recreate your logo.

- Submit an electronic file of your artwork by email (**Logo.Express@MSAsafety.com**) or by US Postal Service:

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

  Be sure to include a copy of the completed Order Form with your artwork submission.

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

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 TRY IT! 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.

Officially Licensed NFL V-Gard Hard Hats

Classification.....Type I
Application.....General purpose
Shell Material.....Polyethylene
Styles.....Slotted cap/hat

Suspension.....Fas-Trac III
Sizes..... Standard (6½ – 8″)
Standards.....ANSI/ISEA Z89.1-2014 (Class E); CSA Z94.1-2015 (Class E)
Certification.....Third-party by SEI

V-Gard NFL Cap-Style Hard Hats

				
Arizona Cardinals Part No. **818384**	Atlanta Falcons Part No. **818385**	Baltimore Ravens Part No. **818386**	Buffalo Bills Part No. **818387**	Carolina Panthers Part No. **818388**
				
Chicago Bears Part No. **818389**	Cincinnati Bengals Part No. **818390**	Cleveland Browns Part No. **818391**	Dallas Cowboys Part No. **818392**	Denver Broncos Part No. **818393**
				
Detroit Lions Part No. **818394**	Green Bay Packers Part No. **818395**	Houston Texans Part No. **10031348**	Indianapolis Colts Part No. **818396**	Jacksonville Jaguars Part No. **818397**
				
Kansas City Chiefs Part No. **818398**	Las Vegas Raiders Part No. **818405**	Los Angeles Chargers Part No. **818408**	Los Angeles Rams Part No. **818411**	Miami Dolphins Part No. **818399**
				
Minnesota Vikings Part No. **818400**	New England Patriots Part No. **818401**	New Orleans Saints Part No. **818402**	New York Giants Part No. **818403**	New York Jets Part No. **818404**
				
Philadelphia Eagles Part No. **818406**	Pittsburgh Steelers Part No. **818407**	San Francisco 49ers Part No. **818409**	Seattle Seahawks Part No. **818410**	Tampa Bay Buccaneers Part No. **818412**
				
Tennessee Titans Part No. **818413**				

NFL Properties, the NFL and its Member Clubs make no express or implied claims with respect to effectiveness and safety of these products and have not manufactured or endorsed these products in any way.

Officially Licensed NFL V-Gard Hard Hats

Classification.....Type I
Application.....General purpose
Shell Material.....Polyethylene
Styles.....Slotted cap/hat

Suspension.....Fas-Trac III
Sizes..... Standard (6½ – 8″)
Standards.....ANSI/ISEA Z89.1-2014 (Class E); CSA Z94.1-2015 (Class E)
Certification.....Third-party by SEI

V-Gard NFL Full-Brim Hard Hats

				
Arizona Cardinals Part No. **10194742**	Atlanta Falcons Part No. **10194743**	Baltimore Ravens Part No. **10194744**	Buffalo Bills Part No. **10194745**	Carolina Panthers Part No. **10194746**
				
Chicago Bears Part No. **10194747**	Cincinnati Bengals Part No. **10194748**	Cleveland Browns Part No. **10194749**	Dallas Cowboys Part No. **10194750**	Denver Broncos Part No. **10194751**
				
Detroit Lions Part No. **10194752**	Green Bay Packers Part No. **10194753**	Houston Texans Part No. **10194754**	Indianapolis Colts Part No. **10194755**	Jacksonville Jaguars Part No. **10194769**
				
Kansas City Chiefs Part No. **10194770**	Las Vegas Raiders Part No. **10194777**	Los Angeles Chargers Part No. **10194780**	Los Angeles Rams Part No. **10194811**	Miami Dolphins Part No. **10194771**
				
Minnesota Vikings Part No. **10194772**	New England Patriots Part No. **10194773**	New Orleans Saints Part No. **10194774**	New York Giants Part No. **10194775**	New York Jets Part No. **10194776**
				
Philadelphia Eagles Part No. **10194778**	Pittsburgh Steelers Part No. **10194779**	San Francisco 49ers Part No. **10194781**	Seattle Seahawks Part No. **10194782**	Tampa Bay Buccaneers Part No. **10194812**
				
Tennessee Titans Part No. **10194813**				

NFL Properties, the NFL and its Member Clubs make no express or implied claims with respect to effectiveness and safety of these products and have not manufactured or endorsed these products in any way.

Freedom Series™ and Specialty V-Gard Hard Hats

Classification.....Type I
Application.....General purpose
Shell Material.....Polyethylene with thermoformed graphics
Styles.....Slotted cap;
Slotted full-brim hat (Freedom Series only)
Suspension.....Fas-Trac III
Sizes.....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 8–9)

Replacement Suspensions.....See page 7

American Freedom Series Assemblies			
			
American Stars and Stripes *V-Gard Slotted Cap* Part No. **10052945**	American Stars and Stripes *V-Gard Slotted Hat* Part No. **10071157**	American Flag w/2 Eagles *V-Gard Slotted Cap* Part No. **10052947**	American Flag w/2 Eagles *V-Gard Slotted Hat* Part No. **10071159**
			
Camouflage *V-Gard Slotted Cap* Part No. **10103908**	Camouflage *V-Gard Slotted Hat* Part No. **10104254**	American Eagle *V-Gard Slotted Cap* Part No. **10079479**	Dual American Flag *V-Gard Slotted Cap* Part No. **10050611**
Canadian Freedom Series Assemblies			
			
White w/Red Maple Leaf *V-Gard Slotted Cap* Part No. **10050613**	White w/Red Maple Leaf *V-Gard Slotted Hat* Part No. **10082234**	Black w/Red Maple Leaf *V-Gard Slotted Cap* Part No. **10082233**	Black w/Red Maple Leaf *V-Gard Slotted Hat* Part No. **10082235**
Camouflage w/Canadian Flag on front[1] *V-Gard Slotted Cap* Part No. **10104925**			
Specialty V-Gard Assemblies			
			
Rally Cap *V-Gard Slotted Cap* Part No. **10103908**	Metallic Gold *V-Gard Slotted Cap* Part No. **10103908**	Black Fire *V-Gard Slotted Cap* Part No. **10103908**	Extreme Hi-Viz Cap[2] *V-Gard Slotted Cap* Part No. **10103908**

[1]*Not pictured*
[2]*Extreme Hi-Viz Cap meets high-visibility requirements of ANSI/ISEA 107.*

Hydro Dip V-Gard Hard Hats

Classification.....Type I
Application.....General purpose
Shell Material.....Polyethylene
Styles.....Slotted cap;
Slotted full-brim hat
Suspension.....Fas-Trac III
Sizes.....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 8–9)

Replacement Suspensions.....See page 7

The #1 Selling Hard Hat Has a New Look!

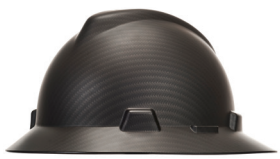
The features that have set the MSA V-Gard as a world leader in head protection remain: comfort, durability, customization, and support. The hydro dip finish provides a new twist on style, without sacrificing safety or performance. Choose from eight different standard looks, with the ability to customize 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 Kanyon *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 Kanyon *V-Gard Slotted Hat* Part No. **10204787**

*Restrictions apply

V-Gard 500 Hard Hats



V-Gard 500 Cap
with Fas-Trac III Suspension

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
Colors.....
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

DESCRIPTION	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
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

Topgard® Hard Hats





White w/lamp bracket

Topgard Cap
with Fas-Trac III Suspension

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

DESCRIPTION	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 AND CORD HOLDER	448914	—
TOPGARD NON-SLOTTED HAT (STANDARD SIZE)		
WHITE	454719	475393
YELLOW	454712	475387
GRAY	454713	—
BRIGHT ORANGE	—	804397

Customization: Imprinting and striping available—see pages 8–9 ***Replacement Suspensions:*** See page 7

[1]*V-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.*

SmoothDome® Hard Hats



SmoothDome Cap
with Fas-Trac III Suspension

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

DESCRIPTION	w/4-Point Fas-Trac III Suspension	w/6-Point Fas-Trac III Suspension
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	—

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.

Thermalgard® Hard Hats



Thermalgard Cap
with Fas-Trac III Suspension

Classification ..... Type I
Application ..... General purpose; elevated temperature[2]
Shell Material ..... Glass-reinforced nylon
Styles ..... Slotted cap
Colors ..... 🟨 ☐ 🟥 🟧 🟦 🟧 🟩 ⬜
Sizes ..... Standard (6½ – 8″)
Standards ..... ANSI/ISEA Z89.1-2014 (Class G)
CSA Z94.1-2015 (Class G)
Certification ..... Third-party by SEI

DESCRIPTION	w/ 1 Touch Suspension	w/ Fas-Trac III Suspension
YELLOW	486964	486959
WHITE	486965	486960
RED	—	486961
ORANGE	486967	486962
BLUE	486968	486963
BRIGHT ORANGE	800359	800360
GREEN	487399	814343
STEEL GRAY	—	10095325

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.

Customization: Imprinting and striping available—see pages 8–9 ***Replacement Suspensions:*** See page 7

[1]*Topgard Caps and Hats have been tested to radiant heat loads producing temperatures up to, but not exceeding, 275°F.*
[2]*Thermalgard Caps and Hats have been tested to radiant heat loads producing temperatures up to, but not exceeding, 350°F.*

Skullgard® Hard Hats



Skullgard Cap, natural, with Fas-Trac III Suspension

Classification..... Type I
Application..... General purpose; elevated temperature[1]
Shell Material..... Phenolic
Styles..... Non-slotted cap; full-brim hat
Colors.....
Sizes..... ***Cap:*** Standard (6½ – 8″); Small (6 – 7⅛″); Large (7 – 8½″)
Hat: Standard (6½ – 8″)
Standards..... ANSI/ISEA Z89.1-2014 (Class G)
Certification..... Third-party by SEI

DESCRIPTION	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]
	—	482002	With welder's lugs, natural tan[3]
SKULLGARD HAT	460389	—	Standard size, with lamp bracket and cord holder, natural tan[3]

Super V® Hard Hats



Super-V Cap, white, with Fas-Trac III Suspension

Classification..... Type II (ANSI and CSA)
Application..... Lateral protection
Shell Material..... Polyethylene
Styles..... Slotted cap w/foam liner
Colors.....
Sizes..... Standard (6½ – 7⅜″)
Standards..... ANSI/ISEA Z89.1-2014 (Class E); CSA Z94.1-2015 (Class E)
Certification..... Third-party by SEI

DESCRIPTION	w/Fas-Trac III Suspension
SUPER V ASSEMBLIES	
WHITE	C217091 TRY IT!
YELLOW	C217093 TRY IT!
RED	C217095
ORANGE	C217094
BLUE	C217092
NAVY GRAY	C217097
HI-VIZ ORANGE[2]	C217100
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 8–9 ***Replacement Suspensions:*** See page 7

[1]Skullgard caps and hats have been tested to radiant heat loads producing temperatures up to, but not exceeding, 350°F.
[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.

Comfo-Cap® Hard Hats



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

DESCRIPTION	w/Staz-On	w/Fas-Trac III
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 8–9

Replacement Suspensions: See page 7

Bump Caps



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

DESCRIPTION	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)*

[1]*Super 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 H1 Safety Helmets



V-Gard H1 Safety Helmet with vents



V-Gard H1 Safety Helmet without vents

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

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.....Trivent; no vent
Colors.....
Sizes.....Standard 6½ – 8" (52–64 cm) head circumference
Standards.....*See chart on page 19*

DESCRIPTION	TRIVENT w/ pivoting Fas-Trac III Suspension	NO VENT w/ pivoting Fas-Trac III Suspension
	V-GARD H1 SAFETY HELMET ASSEMBLIES	
WHITE	10194783	10194791
RED	10194784	10194792
BLUE	10194785	10194793
GREEN	10194786	10194794
YELLOW	10194787	10194795
HI-VIZ YELLOW GREEN	10194788	10194796
ORANGE	10194789	10194797
BLACK	10194790	10194798
GRAY	10204346	10204347

Customization: Stylish dark gray reflective striping standard. Imprinting available—see pages 8–9

Accessories: See page 19

V-Gard H1 Safety Helmets

V-Gard H1 Safety Helmets: Standards

STANDARD	Aspect	TRIVENT	NO VENT
ANSI/ISEA Z89.1-2014 TYPE 1	Class C (Conductive 0 V ac)	■	
	Class E (20,000 V ac)		■
	-22° F (-30° C) (Lower Temperature)	■	■
	140°F ± 3.6°F (60°C ± 2°C) (Higher Temperature)	■	
CSA/CAN Z94.1-15 TYPE 1	Class C (Conductive 0 V ac)	■	
	Class E (20,000 V ac)		■
EN 12492:2012 MOUNTAINEERING STANDARD	—	■*	
EN 397:2012 + A1:2012	-22° F (-30° C) (Lower Temperature)		■
	440 V ac (Electrical Resistance)		■
EN 50365:2002 (1000V A.C.) FOR USE ON LOW VOLTAGE INSULATIONS	—		■

** Pending approval.*

V-Gard H1 Safety Helmet Accessories

				
PART NO.	10194818	10194819	10194820	10217333
NAME	V-Gard H1 Clear Face Shield	V-Gard H1 Mesh/Forestry Face Shield	V-Gard H1 Half-Face Spectacles	V-Gard H1 Half-Face Spectacles
COLOR	Clear	Mesh	Clear	Smoke
PRODUCT SPECIFICS	• 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	• 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	• 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	• 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 coupled with anti-fog & anti-scratch coatings improve visibility
APPROVALS	• ANSI/ISEA Z87.1-2015 • CSA Z94.3 • EN 166	• ANSI/ISEA Z87.1-2015 • EN 1731	• ANSI/ISEA Z87.1-2015 • CSA Z94.3 • EN 166	• ANSI/ISEA Z87.1-2020 • CSA Z94.3 • EN 166

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

V-Gard Universal Cap Frame

		
PART NO.	**10187161**	**10187162**
DEBRIS CONTROL	With debris control	Without debris control
PRODUCT SPECIFICS	**Easy to Use** • Add and remove accessories • Quicker visor installation and removal • Green color coded parts **Built to Last** • Infinity joints • Universal strap • Debris control **Reducing Complexity** • Designed to work with all MSA V-Gard cap-style hard hats	**Easy to Use** • Add and remove accessories • Quicker visor installation and removal • Green color coded parts **Built to Last** • Infinity joints • Universal strap **Reducing Complexity** • Designed to work with all MSA V-Gard cap-style hard hats

PART NO.	**10187163**
PRODUCT SPECIFICS	Replacement debris wiper

PART NO.	**10187251**
PRODUCT SPECIFICS	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

Standards[1]**:** 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.	**10115730**	**10121266**
MATERIAL	High density polyethylene (HDPE)	High density polyethylene (HDPE)
DEBRIS CONTROL	Includes replaceable debris control which creates tight seal between frame and cap	Debris control sold separately
PRODUCT SPECIFICS	• Fits all MSA Slotted Caps • Stowable slot adaptors secure frame tightly in slotted MSA caps, and allow frame to work with or without earmuffs[2] • Sliding adjustment bladesallow visor to work with most half-mask respirators and other PPE worn under a visor	• Fits all MSA Slotted Caps[3] • Stowable slot adaptors secure frame tightly in slotted MSA caps, and allow frame to work with or without earmuffs[2] • 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.

[1]Standards requirements met by each V-Gard Frame/V-Gard Visor combination designated on each V-Gard Visor.
[2]Patent pending
[3]MSA recommends the use of debris control on V-Gard frames when wearing BOTH large V-Gard molded Visors and cap-mounted earmuffs.
[4]MSA 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 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[1]: 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.	10115821	10121267	10116552
MATERIAL	Polycarbonate – all non-metal construction	Polycarbonate – all non-metal construction	Polycarbonate – all non-metal construction
DEBRIS CONTROL	Replaceable debris control tested against EN 166 hot solids requirements	Debris control sold separately[3]	Replaceable debris control tested against EN 166 hot solids requirements
PRODUCT SPECIFICS	• Stowable slot adaptors secure frame tightly in slotted MSA caps, and allow frame to work with or without earmuffs[2] • Sliding adjustment blades allow visor to work with most half-mask respirators and other PPE worn under a visor	• 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	• Heavy duty flat rubber strap allows easy and secure placement on all MSA caps, including non-slotted models[4] • 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[1]: 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.	10116627
MATERIAL	High density polyethylene (HDPE)
DEBRIS CONTROL	Offered without debris control ONLY
PRODUCT SPECIFICS	• 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[1]: 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.	10116628
MATERIAL	Polycarbonate – all non-metal construction
DEBRIS CONTROL	Offered without debris control ONLY
PRODUCT SPECIFICS	• 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

[1]*Standards requirements met by each V-Gard Frame/V-Gard Visor combination designated on each V-Gard Visor.*
[2]*Patent pending*
[3]*MSA recommends the use of debris control on V-Gard frames when wearing BOTH large V-Gard molded Visors and cap-mounted earmuffs.*
[4]*MSA 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

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

Standards[1]: ANSI/ISEA Z87.1-2015 and CSA Z94.3
Certification/Testing: CSA International and Intertek
Min Order Qty: 10

V-Gard Frames for General Purposes

		
PART NO.	10154622	10154604
MATERIAL	Polybutylene terephthalate (PBT)	Polybutylene terephthalate (PBT)
DEBRIS CONTROL	Sold with replaceable debris control which creates tight seal between frame and hat	Debris control sold separately
PRODUCT SPECIFICS	• 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	• 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

Debris Control

	
PART NO.	10116628
MATERIAL	All rubber construction
DEBRIS CONTROL	Exceeds EN requirements for molten metal
PRODUCT SPECIFICS	• Debris Control for V-Gard Slotted Full Brim Hat Frames

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

Standards[1]: ANSI/ISEA Z87.1-2015; CSA Z94.3
Certification: Third-party by Intertek, CSA International (as marked)

			
PART NO.	10158799	10158800	10176739
MATERIAL	Heavy-duty anodized aluminum	Heavy-duty anodized aluminum	Heavy-duty anodized aluminum
PRODUCT SPECIFICS	• 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	• For use with **MSA Skullgard Caps** • Spring coil for fast loading of frame to helmet • Three visor resting positions • Locking device holds visor securely in the down position	• 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.

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

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

Standards[1]**:** 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.	**10144486**	**10115836**	**10115837**
MATERIAL	Polycarbonate – clear	Polycarbonate – clear	Polycarbonate – clear
FEATURES	• Maximum UV protection • Impact-rated (Z87+)		
PRODUCT SPECIFICS	• 5″ (14.61 cm) x 17″ (43.2 cm) x .04″ (1.02 mm) • Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors • Contoured visor; closer fit and improved resistance to impact and splash hazards • Approved to ANSI and CSA[2] standards; does not meet EN standards	• 8″ (20.3 cm) x 17″ (43.2 cm) x .04″ (1.02mm) • Contoured visor; closer fit and improved resistance to impact and splash hazards	• 8″ (20.3 cm) x 17″ (43.2 cm) x .04″ (1.02mm) • Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors • Contoured visor; closer fit and improved resistance to impact and splash hazards

			
PART NO.	**10120108**	**10115863**	**10115839**
MATERIAL	Polycarbonate – clear	Polycarbonate – clear	Polycarbonate with antifog/anti-scratch coatings for humid conditions – clear
FEATURES	• Maximum UV protection • Impact-rated (Z87+)		• Maximum UV protection • Impact-rated (Z87+) • Slightly thicker for industrial impact applications
PRODUCT SPECIFICS	• 8″ (20.3 cm) x 17″ (43.2 cm) x .04″ (1.02mm) • Bulk pack of 20 • Contoured visor; closer fit and improved resistance to impact and splash hazards	• 9.5″ (24.1 cm) x 17″ (43.2 cm) x .04″ (1.02mm) • Contoured visor; closer fit and improved resistance to impact and splash hazards	• 8″ (20.3 cm) x 17″ (43.2 cm) x .06″ (1.52mm) • Contoured visor; closer fit and improved resistance to impact and splash hazards

		
PART NO.	**10115841**	**10115842**
MATERIAL	Polycarbonate with antifog/anti-scratch coatings for humid conditions – clear	Polycarbonate with anti-fog/antiscratch coatings for humid conditions – green tint to reduce glare
FEATURES	• Maximum UV protection • Impact-rated (Z87+) • Slightly thicker for industrial impact applications	
PRODUCT SPECIFICS	• 8″ (20.3 cm) x 17″ (43.2 cm) x .06″ (1.52mm) • Nitrometer; for use w/V-Gard Retractable or Standard Chin Protectors • Contoured visor; closer fit and improved resistance to impact and splash hazards	• 8″ (20.3 cm) x 17″ (43.2 cm) x .06″ (1.52mm) • Contoured visor; closer fit and improved resistance to impact and splash hazards • **Not for use where a Shade infrared (IR) visor is required**

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

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

Standards[1]: 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.	10115840	10117783
MATERIAL	Polycarbonate – clear	Polycarbonate – clear
FEATURES	• Maximum UV protection • Impact-rated (Z87+) • Slightly thicker for industrial impact applications	
PRODUCT SPECIFICS	• 8″ (20.3 cm) x 17″ (43.2 cm) x .06″ (1.52mm) • Contoured visor; closer fit and improved resistance to impact and splash hazards	• 8″ (20.3 cm) x 17″ (43.2 cm) x .06″ (1.52mm) • Flat nitrometer; for use with V-Gard Retractable or Standard Chin Protectors • Wider design; improved resistance to impact and splash hazards • Does not meet CSA Z94.3

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

Standards[1]: 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.	10116557	10116558	10158822
MATERIAL	Epoxy-coated steel mesh (20 x 20) — black, plastic edged		Epoxy-coated steel mesh (20 x 20) — aluminum-bound mesh
FEATURES	• General protector (Z87) • **Not for impact hazards**		
PRODUCT SPECIFICS	• 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	• 8″ (20.3 cm) x 17″ (43.2 cm) • Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors • Not for use against splash, impact, elevated temperatures or UV hazards • Can be worn with earmuffs	• 8″ (20.3 cm) x 16.5″ (41.9 cm) • Not for use against splash, impact, electrical or UV hazards

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

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[1]: 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.	**10115855**	**10115856**	**10115851**
MATERIAL	Propionate – clear	Propionate – clear	Propionate – clear
FEATURES	• Impact-rated (Z87+) • Please refer to MSA's *Chemical Application Quick Reference Guide* (ID 0670-007-MC) for chemical performance details		
PRODUCT SPECIFICS	• 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	• 8" (20.3 cm) x 17" (43.2 cm) x .098" (2.5mm) • Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors • Extra-thick to help prevent warping, cracking or crazing under tough conditions	• 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

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 green tint propionate Visors also offer maximum UV protection.

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[1]: ANSI/ISEA Z87.1-2015; EN 166 (2C-1.2 MSA IBT9KN); 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.	**10115853**	**10115854**
MATERIAL	Polycarbonate with EN 166 performance-rated anti-fog/anti-scratch coatings for hot/humid conditions (N,K marks, respectively) – clear	Polycarbonate with EN 166 performance-rated anti-fog/anti-scratch coatings for hot/humid conditions (N,K marks, respectively) – green tint to reduce glare
FEATURES	• Maximum UV protection • Impact-rated (Z87+) • Thick for heavy-duty industrial impact applications	
PRODUCT SPECIFICS	• 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 *Chemical Application Quick Reference Guide* (ID 0670-007-MC) for details	• 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 IR visor is required**

V-Gard molded, green and clear visors (whether propionate or polycarbonate) 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.

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

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

Standards[1]: 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.	10115844	10115845
MATERIAL	Polycarbonate with EN 166 performance-rated anti-fog/anti-scratch coatings for hot/humid conditions (N,K marks, respectively)	Polycarbonate with EN 166 performance-rated anti-fog/anti-scratch coatings for hot/humid conditions (N,K marks, respectively) – green tint to reduce glare and eye strain
FEATURES	• Maximum UV protection • Impact-rated (Z87+) • Slightly thicker for industrial impact applications	
PRODUCT SPECIFICS	• 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**	• 9.25" (23.5 cm) x17" (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 IR visor is required**

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

Standards[1]: ANSI/ISEA Z87.1-2015; EN 166 (2C-2.5 MSA 1BT3R [clear] and 2-4 MSA 1BT3R [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.	10177690	10177701
MATERIAL	Polycarbonate with EN 166 performance-rated reflective coating (R mark) — clear; molded	Polycarbonate with EN 166 performance-rated reflective coating (R mark) – green tint to reduce glare and eye strain; molded
FEATURES	• Maximum UV protection • Impact-rated (Z87+) • Reflects >60% Infrared (IR) radiation (EN166 R mark) in the 780nm to 2000nm wavelength	
PRODUCT SPECIFICS	• 9.5" (24.1 cm) x 17.75" (45.09 cm) x .07" (1.8 mm) • Reflective coating reflects IR and helps dissipate heat • Thick visor helps prevent warping, cracking or crazing • Extended length for greater coverage of face and neck; **DO NOT use for welding**	• 9.5" (24.1 cm) x 17.75" (45.09 cm) x .07" (1.8 mm) • Reflective coating reflects IR and helps dissipate heat • **Not for use where a Shade IR visor is required** • Thick visor helps prevent warping, cracking or crazing • Extended length for greater coverage of face and neck; **DO NOT use for welding**



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/m^2. 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 MSAsafety.com.

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

V-Gard Visors: Welding (Shade 3 and Shade 5)

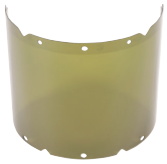
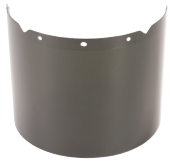
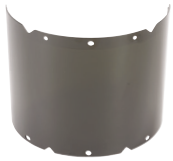
Markets: Fabrication, steel mills, shipbuilding, construction, open-pit mining, agriculture, oil/gas/petrochemical refineries, rubber manufacturing

Applications: Welding, gas soldering, light cutting/brazing, manufacturing, impact and debris

Standards[1]: 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

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

Min Order Qty: 5

				
PART NO.	**10115859**	**10115860**	**10115861**	**10115862**
MATERIAL	Polycarbonate – Shade 3 IR	Polycarbonate – Shade 3 IR	Polycarbonate – Shade 5 IR	Polycarbonate – Shade 5 IR
FEATURES	• Impact-rated (Z87+)			
PRODUCT SPECIFICS	• 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	• 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	• 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	• 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

V-Gard Visors: Arc Flash Application[2]

Markets: Manufacturing, utilities, construction, oil/gas/petrochemical

Applications: Maintenance, impact and debris, testing/repair

Standards[1]: ANSI/ISEA Z87.1-2015; ASTM F2178-2008 (Ref: NFPA 70E, HRC 2)

Certification: Third-party by Intertek and ArcWear

Min Order Qty: 5

		
PART NO.	**10115847**	**10118480**
MATERIAL	Polycarbonate — special tint, light green visor; molded	Polycarbonate — special tint, light green visor; molded (for use with designated V-Gard Chin Protector)
FEATURES	• Impact-rated (Z87+)	
PRODUCT SPECIFICS	• 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 12.9 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 10121266) *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*	• 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 12.9 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 10121266) and V-Gard Standard Chin Protector (PN/10115827) *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*

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

[2] *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.*

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]

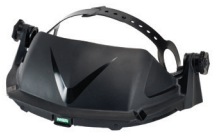
Markets: General industry, manufacturing, repair and maintenance, construction, oil and gas, forestry, shipbuilding, metalworking, automotive, mining, chemical industries

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

Size: Standard (6-1/2 – 8)

Sandards[3]: 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.

		
PRODUCT NAME	V-Gard Headgear (General Purpose)	V-Gard Headgear (Elevated Temperature)
PART NO.	10127061	10127062
MATERIAL	High Density Polyethylene (HDE) – black	Heat-resistant nylon – gray
FEATURES	• Ratchet closure	
PRODUCT SPECIFICS	• Patent-pending, Infini-just lift/closure with grippable knobs that don't unscrew; no parts to lose! • 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 • Minumum order quantity: 10	• Extended browguard for additional coverage in high temperatures • Tested to withstand temperatures up to 400˚F[3] • Patent-pending, Infini-just lift/closure with grippable knobs that don't unscrew; no parts to lose! • 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 • Minumum order quantity: 5

		
PRODUCT NAME	V-Gard Headgear Kit (General Purpose)	V-Gard Headgear Replacement Sweatband[4]
PART NO.	10127063	10127065
PRODUCT SPECIFICS	***Contains:*** • 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)	• 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] Standards requirements met by each V-Gard Frame or Headgear/V-Gard Visor combination designated on each V-Gard Visor.

*[2] **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.*

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

[4] Use 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 Chin Protectors[1]

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

			
NAME	Retractable Chin Protector	Chin Protector	Standard Chin Protector
PART NO.	10115828	10149029	10115827
MATERIAL	Polycarbonate – opaque (ensures safety and standards compliance with clear, tinted, shaded and coated V-Gard Visors)	Polycarbonate – clear (for improved visibility)	Polycarbonate – opaque (ensures safety and standards compliance with clear, tinted, shaded and coated V-Gard Visors)
PRODUCT SPECIFICS	• 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	• 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	• 2.86" (7.26 cm) in height • Compact, lightweight design provides additional protection between chin and neck area • Minimum order quantity: 5

V-Gard Frameless Barrier

			
PART NO.	**10215336** for V-Gard **Cap**, 25/pkg.	**10215337** for V-Gard **Hat**, 25/pkg.	
FEATURES	• A frame-less and lightweight solution that allows the user to quickly affix to any cap style MSA V-Gard, V-Gard Green, or SmoothDome Hard Hat. • Helps protect the eyes, nose, and mouth against droplets and splash. • Durable surface allows the unit to be cleaned/decontaminated after each use and put back into service. The average replacement cycle is 30 days.[3] • Clear lens allows the user to maintain visibility of their work and surroundings		

[1] *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.*
[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.*
[3] *Follow all instructions and perform daily, pre-, and post-use inspections.*

V-Gard Accessory System Kits

				
KIT	**V-Gard Accessory System Kit with V-Gard Cap**	**V-Gard Accessory System Kit (without V-Gard Cap)**	**V-Gard Forestry Kit**	**V-Gard Accessory Arc Kit**
PART NO.	**10118695**	**10118697**	**10118694**	**10118696[2]**
KIT CONTENTS	• 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)	• 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.**	• 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)	• 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/cm^2 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 Parts[2]

			
NAME	**Slot Adpaters (2 pair)**	**Debris Control for V-Gard Frames**	**Heavy-duty Rubber Strap**
PART NO.	**10117496**	**10116539**	**10117495**
PRODUCT SPECIFICS	• For use with V-Gard Frames for Slotted Caps • Sold in boxes of 10 (5 packages of 2)	• Debris control exceeds EN requirements for molten metal • All-rubber construction • Minimum order quantity: 10	• For V-Gard Universal Cap or Hat Frames • Minimum order quantity: 10

[2] 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.

Hard Hat Accessories

Chinstraps



PART NO.	GA90047
FEATURES	• Universal 4-pt chinstrap



PART NO.	10124238
FEATURES	• Non-metal chinstraps keep helmets in place • Flexible construction and adjustable design for long-wearing comfort
PRODUCT SPECIFICS	• 4-pt • ¾″ polyester webbing • Attaches to suspension[1] • Pkg of 10







PART NO.	10171103[1]	10171104	10171105	10171106	10171107
FEATURES	• Non-metal chinstraps keep helmets in place • Flexible construction and adjustable design for long-wearing comfort				
PRODUCT SPECIFICS	• 2-pt • ¾″ Nomex webbing • Attaches to shell	• 2-pt • ¾″ polyester webbing • Attaches to shell	• 2-pt • ¾″ cotton webbing • Attaches to shell	• 2-pt • ¾″ cotton webbing • Attaches to suspension[1]	• 2-pt • ¾″ polyester webbing • Attaches to suspension[2]

V-Gard Winter Liners

V-Gard Winter Liners deliver extra warmth and protection under hard hats.

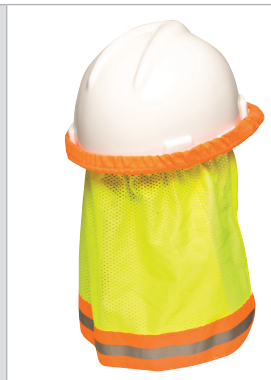
	V-Gard Winter Liners		
			
PRODUCT	V-Gard Winter Liner, Knit Cap	V-Gard Winter Liner, Knit Hat/Cap Cover	V-Gard Supreme Liner, Flame-Resistant 2-piece
PART NO.	10118417 TRY IT!	10118418	10118427 TRY IT!
PRODUCT SPECIFICS	• Stylish skullie cap • Design prevents liner from obstructing vision • 100% high bulk acrylic • **Sold in sets of 12**	• 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 • **Sold in sets of 12**	• Fabric tested to withstand arc exposure to an ATPV of 8 cal/cm[2] • Water repellant • Inside neck pocket holds warming packet[3] • Multi-layered flame-resistant top cap • Extended, zipper on/off high-bulk flame-resistant knit bottom • No metal parts • **Sold in sets of 3**

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.[4] For this reason, only V-Gard Supreme Liner offers resistance to arc exposure.

[1]For elevated temperatures, flame-resistant. Not recommended for use where molten metal splash hazards exist.
[2]Staz-On suspension only.
[3]Warming packets available at most sporting goods retailers; not sold with liners.
[4]Garment care instructions must be followed.

Hard Hat Accessories

SunShade Hard Hat Accessory





PART NO.	10098032 TRY IT!	10098031 TRY IT!
FEATURES	• Fit most hats and caps • Breathable, bright mesh fabric • Hat clips help to keep SunShade from falling or rotating • Minumum order quantity: 5	
PRODUCT SPECIFICS	• Yellow-green, with reflective striping	• Orange, with reflective striping

Terri-Band Sweatbands



PART NO.	10068911	696688
FEATURES	• Custom design fits all MSA suspensions • Washable, with plastic snaps	
PRODUCT SPECIFICS	• Single	• Pkg of 10

Sun Shields







PART NO.	697290	697410 TRY IT!	10039114
FEATURES	• Easily attaches to helmets and caps • Polyurethane brim extender protects against sun and heat • Smoke-tinted Lexan front for extra protection		
PRODUCT SPECIFICS	• For standard V-Gard **Caps** only	• For standard V-Gard **Hats** only	• For standard **V-Gard 500 Caps** only

Emergency Medical Info Accessory



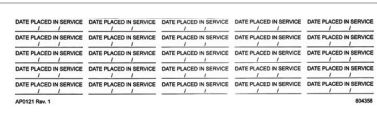
inside view



outside view

PART NO.	10013393
FEATURES	• Provides crucial, lifesaving information in the event of a medical crisis on the job
PRODUCT SPECIFICS	• Pkg of 10 • Trilingual: English/Spanish/French

In-Service Helmet Label



PART NO.	804358
FEATURES	• 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
PRODUCT SPECIFICS	• Sheet of 25 labels

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
CENTURION NEXUS CAP	22	B	25	A	30	AL
SUPER-V CAP	23	B	28	AL	30	AL
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 H1 HELMET	*coming soon*					

			
PRODUCT NAME	V-Gard	V-Gard	V-Gard
ATTENUATION LEVEL	LOW	MEDIUM	HIGH
PART NO.	10190356	10190357	10190358

PRODUCT NAME	Hygiene Kit	Hygiene Kit	Hygiene Kit	Helmet Adapter
PART NO.	10193450	10193451	10193452	10193449
PRODUCT FEATURES	for V-Gard Cap-Mounted Hearing Protection, LOW	for V-Gard Cap-Mounted Hearing Protection, MEDIUM	for V-Gard Cap-Mounted Hearing Protection, HIGH	for V-Gard Cap-Mounted Hearing Protection

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

Helmet-Mounted Hearing Protection

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 Attenuation[1]:

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!*

left/RIGHT® Helmet-Mounted Hearing Protection

MSA left/RIGHT earmuffs are different from any other on the market: the cups are designed to account for the asymmetrical position of each ear on the head. MSA left/RIGHT cups can be adjusted to the angle of the ear, and also independently raised or lowered.

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

Compatible PPE:
- V-Gard Slotted and Universal Frames—no additional parts needed
- Most V-Gard Visors
- MSA Slotted Caps and V-Gard H1 Helmets (for NRR/CSA Class, see chart at right)

NRR and CSA Class Ratings for left/RIGHT Hearing Protection

	HIGH		MEDIUM		LOW	
	NRR	*CSA Class*	*NRR*	*CSA Class*	*NRR*	*CSA Class*
V-GARD CAP (*medium*)	28	AL	25	A	21	B
V-GARD CAP (*small*)	27	AL	24	A	21	B
V-GARD H1 HELMET	27	AL	23	A	21	B
TOPGARD CAP	27	A	24	A	21	B
THERMALGARD CAP	27	AL	24	A	21	B
V-GARD 500 CAP	27	AL	24	A	21	B
SUPER-V CAP	27	AL	24	A	20	B

			
PRODUCT NAME	TRY IT! left/RIGHT (HIGH)	TRY IT! left/RIGHT (MEDIUM)	left/RIGHT (LOW)
PART NO.	10087422	10087429	10087439
PRODUCT FEATURES	• 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 FEATURES	• Cushions and inserts • Work with left/RIGHT helmet-mounted or headband products		

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

Helmet-Mounted Hearing Protection

SoundControl® Classic Helmet-Mounted 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: 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 slotted cap-style or full-brim helmets, as indicated in the NRR and CSA Class Rating Chart at right

NRR and CSA Class Ratings for Classic SoundControl Hearing Protection

	HPE		EXC		XLS		SH	
	NRR	*CSA Class*	*NRR*	*CSA Class*	*NRR*	*CSA Class*	*NRR*	*CSA Class*
V-GARD CAP (*medium*)	27	A	25	A	23	A	—	—
V-GARD H1 HELMET	25	A	—	—	23	A	—	—
TOPGARD CAP	26	A	24	A	23	A	—	—
THERMALGARD CAP	27	A	23	A	22	A	—	—
V-GARD 500 CAP	26	A	24	A	22	A	—	—
V-GARD FULL-BRIM HAT	—	—	—	—	—	—	25	A

				
PRODUCT NAME	**SoundControl HPE**	**SoundControl EXC**	**SoundControl XLS**	**SoundControl SH**
PART NO.	10061272	10061230	10061535	10129327
PRODUCT FEATURES	• For use with MSA **slotted cap-style** helmets • Excellent protection against low frequency noises, such as road vehicles, aircraft or wind turbines. • Easy to adjust cups—even with gloves on • Spring arm design provides proper closure & low pressure	• For use with MSA **slotted cap-style** helmets • Provide excellent attenuation and maximum ear space • Three distinct wearing positions	• For use with MSA **slotted cap-style** hard hats • Easy to remove ear cushions for quick replacement	• For use with MSA **slotted full-brim** helmets • Does not interfere with Class E rating of MSA slotted **full-brim** helmets • Three wearing positions

				
PRODUCT NAME	**HPE Hygiene Kit**	**EXC Hygiene Kit**	**XLS Hygiene Kit**	**SH Hygiene Kit**
PART NO.	10061291	10061292	10061537	10003360
PRODUCT FEATURES	• Cushions and inserts • Work with left/RIGHT helmet-mounted or headband products			



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.

Helmet-Mounted Hearing Protection

SoundControl Classic Helmet-Mounted Hearing Protection for MSA *Non-Slotted* Hard Hats

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 non-slotted hard hats

			
PRODUCT NAME	**Sound Blocker™ 26**	**Soprano™**	**SoundBlocker 26 Hygiene Kit**
PART NO.	10022021	10034487	10003360
PRODUCT FEATURES	• For use with MSA **non-slotted cap-style** hard hats • Requires drilling into the helmet to mount the muffs • The ANSI/ISEA Z89.1 class rating of a drilled helmet is Class C	• For use with MSA **non-slotted full-brim** hard hats • Requires drilling into the helmet to mount the muffs • The ANSI/ISEA Z89.1 class rating of a drilled helmet is Class C	• Foam cushions and inserts

Headband Hearing Protection

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

			
PRODUCT NAME	left/RIGHT (HIGH)	left/RIGHT (MEDIUM)	left/RIGHT (LOW)
PART NO.	TRY IT! 10087399	TRY IT! 10087426	10087436
PRODUCT FEATURES	• 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 FEATURES	• Cushions and inserts • Work with left/RIGHT helmet-mounted or headband products		

Headband Hearing Protection

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

		
PRODUCT NAME	SoundControl HPE TRY IT!	SoundControl EXC
PART NO.	**10061271**	**10061229**
NRR	**26 dBA**	**24 dBA**
PRODUCT FEATURES	• Lightweight, low-profile • High attenuation and excellent sealing for reliable protection • Headband design and two-point cup mounting distributes weight evenly, offering outstanding balance and comfort • No metal parts • Cups can be moved to a range of wearing positions for a custom fit	• Unique injection-molded inserts provide excellent attenuation and maximum ear space • Medium attenuation for moderately-high noise exposures • Three distinct wearing position • Cups can be moved to a range of wearing positions for a custom fit

		
PRODUCT NAME	EXC Hygiene Kit	HPE Hygiene Kit
PART NO.	**10061292**	**10061291**
PRODUCT FEATURES	• Foam cushions and inserts	

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.

Economuff Value Hearing Protection

Economuff hearing protector provides cost-effective options that don't sacrifice comfort or protection.

Markets: Repair and operation (MRO), mining, food and beverage manufacturing, metal fabrication, oil & gas, general manufacturing
Applications: Facility maintenance, grinding, machine operations, sanding, welding, demolition, painting, assembly, cleaning

Standards: Meets ANSI S3.19-1974 and CSA Class B Standards
Compatible PPE: MSA Helmets[1]

		
PRODUCT NAME	**Economuff Multi-Position**	**Economuff**
PART NO.	**10061273**	**10004291**
NRR	**23 dBA (under chin/behind head)** **24 dBA (over the head)**	**24 dBA**
PRODUCT FEATURES	• Offers three 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 • One size fits most	• Soft wide cushions maintain comfortable pressure around the ears • Lightweight • One size fits most • No metal parts • Most economical option

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

Sightgard Safety Glasses

Material: Polycarbonate
Standards[1]: 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 TRY IT!	
SAFETY FEATURES	**STYLING**
• Impact-rated (Z87+) • Tuff Stuff™ Anti-Scratch Coating	• Clear lens • Frameless and lightweight • Among our most popular models • Full side coverage

INDOOR	
MODEL	
Luxor	
PART NO.	
697516	
SAFETY FEATURES	**STYLING**
• Impact-rated (Z87+) • Tuff Stuff Anti-Scratch Coating	• Clear lens • Single wrap-style lens • Horizontal temple adjustment

INDOOR	
MODEL	
Sierra	
PART NO.	
697550	
SAFETY FEATURES	**STYLING**
• Impact-rated (Z87+) • Tuff Stuff Anti-Scratch Coating	• Clear lens • Classic full-coverage look • Adjustable temples • Integral side protection • Full side coverage

INDOOR	
MODEL	
Vista	
PART NO.	
10070914	
SAFETY FEATURES	**STYLING**
• Impact-rated (Z87+) • Tuff Stuff Anti-Scratch Coating	• Clear lens • Frameless and lightweight • Among our most popular models • Full side coverage

INDOOR	
MODEL	
Discovery II	
PART NO.	
10106382 TRY IT!	
SAFETY FEATURES	**STYLING**
• Impact-rated (Z87+)	• Clear lens • Flexible, nylon temple arms adjust to head width • Soft nose bridge • Extra-lightweight

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 TRY IT!	
SAFETY FEATURES	**STYLING**
• Impact-rated (Z87+) • Tuff Stuff Anti-Scratch Coating • Anti-fog coating	• Clear lens • Rubber tipped temples and nosebridge for comfortable, yet secure fit

INDOOR/HUMID	
MODEL	
Aurora	
PART NO.	
10026005	
SAFETY FEATURES	**STYLING**
• Impact-rated (Z87+) • Tuff Stuff Anti-Scratch Coating • Anti-fog coating	• Clear lens • Ratchet temple adjustment • Single, 7-base wrap curve lens

INDOOR/HUMID	
MODEL	
Pyrenees	
PART NO.	
10033718	
SAFETY FEATURES	**STYLING**
• Impact-rated (Z87+) • Anti-fog coating	• Clear lens • Full side protection • Dual injected, soft-tipped temples

[1] *CSA International certified models are denoted with a symbol*

Sightgard Safety Glasses

Material: Polycarbonate
Standards[1]: 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
• Impact-rated (Z87+) • Anti-fog coating	• 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
• Impact-rated (Z87+) • Anti-scratch coating • Anti-fog coating • Maximum UV protection (U6)	• 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
• Impact-rated (Z87+) • Anti-fog coating • Maximum UV protection (U6)	• 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 TRY IT!	
SAFETY FEATURES	STYLING
• Impact-rated (Z87+) • Tuff Stuff Anti-Scratch Coating • Maximum UV protection (U6)	• 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 TRY IT!	
SAFETY FEATURES	STYLING
• Impact-rated (Z87+) • Anti-scratch coating	• Gray tint lens • Temples flex for a custom fit • Full side coverage

OUTDOOR	
MODEL	
Arctic Elite	
PART NO.	
10038846 TRY IT!	
SAFETY FEATURES	STYLING
• Impact-rated (Z87+) • Anti-fog coating	• Gray tint lens • Rubber tipped temples and nosebridge for comfortable, yet secure fit

OUTDOOR	
MODEL	
Easy Flex	
PART NO.	
10070918 TRY IT!	
SAFETY FEATURES	STYLING
• Impact-rated (Z87+) • Tuff Stuff Anti-Scratch Coating	• Gray tint lens • Temples flex for a custom fit

OUTDOOR	
MODEL	
Easy Flex	
PART NO.	
10070921 TRY IT!	
SAFETY FEATURES	STYLING
• Impact-rated (Z87+) • Tuff Stuff Anti-Scratch Coating	• Rich-orange mirrored lens reflects light and reduces glare without color degradation • Temples flex for a custom fit

[1] *CSA International certified models are denoted with a symbol*

Sightgard Safety Glasses

Material: Polycarbonate
Standards[1]: 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	
Luxor	
PART NO.	
697517	
SAFETY FEATURES	**STYLING**
• Impact-rated (Z87+) • Tuff Stuff Anti-Scratch Coating	• Gray tint lens • Horizontal temple adjustment • Wrap-style single lens

OUTDOOR	
MODEL	
Pyrenees TRY IT!	
PART NO.	
10033719	
SAFETY FEATURES	**STYLING**
• Impact-rated (Z87+) • Anti-fog coating	• 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 TRY IT!	
SAFETY FEATURES	**STYLING**
• Impact-rated (Z87+) • Maximum UV protection (U6)	• 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**
• Impact-rated (Z87+) • Anti-scratch coating • Maximum UV protection (U6)	• Gray tint lens • Single lens

OUTDOOR/UV	
MODEL	
Racer Red	
PART NO.	
10106381	
SAFETY FEATURES	**STYLING**
• Impact-rated (Z87+) • Anti-fog coating • Maximum UV protection (U6)	• Rich-red mirrored lens reflects light and reduces glare without color degradation • Ideal for utility, aviation, mining, and transportation markets • Sporty, single, wide-wrap lens • Full side coverage

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 TRY IT!	
SAFETY FEATURES	**STYLING**
• Impact-rated (Z87+) • Maximum UV protection (U6)	• 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 TRY IT!	
SAFETY FEATURES	**STYLING**
• Impact-rated (Z87+) • Maximum UV protection (U6)	• Indoor/outdoor mirrored lens • For use over small-to-medium Rx glasses

[1] *CSA International certified models are denoted with a symbol*

Sightgard Safety Glasses

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

Certification: Third-party by ICS and CSA International
Minimum Order Qty: 12

OVER-THE-GLASSES	
MODEL	
Rx Overglasses	
PART NO.	
10118476 TRY IT!	
SAFETY FEATURES	**STYLING**
• Impact-rated (Z87+) • Anti-fog coating	• 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**
• Impact-rated (Z87+)	• Clear lens • Classic look fits over most Rx glasses • Integral, vented side shields

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**
• Impact-rated (Z87+) • Tuff Stuff Anti-Scratch Coating	• 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**
• Impact-rated (Z87+) • Anti-fog coating	• Amber lens increases contrast in low light • Full side protection • Dual-injected soft-tipped temples

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**
• Impact-rated (Z87+) • Anti-fog coating	• Clear lenses • 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**
• Impact-rated (Z87+)	• Classic look with Infrared (IR) radiation eye protection, up to Shade 5 • Fits over most Rx glasses • Integral, vented side shields

[1] *CSA International certified models are denoted with a symbol*

Sightgard Safety Goggles Selection Guide

STYLE	CONDITIONS		
	General purpose: impact/splash	Industrial: impact/splash	Industrial: chemical/splash
VERTOGGLE™	■	■	
FLEXICHEM™ IV	■	■	■
CLEARVUE® 200	■	■	
VAULT™	■	■	
SIGHTGARD NV	■		
SIGHTGARD iV	■		

Sightgard Safety Goggles

Standards[1]: ANSI/ISEA Z87.1-2015 and CSA Z94.3
Certification: Third-party by ICS and CSA International

SAFETY GOGGLES

MODEL

Sightgard Vertoggle™ Safety Goggles/ Faceshield Combination

PART NO.

10150069 TRY IT!



SAFETY FEATURES	PRODUCT SPECIFICS
• Impact-rated (Z87+) • Splash-rated (D3) • Anti-fog coating anti-scratch coating on goggle lens	• Clear polycarbonate lens • 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

SAFETY GOGGLES

MODEL

FlexiChem iV

PART NO.

10106281



SAFETY FEATURES	STYLING
• Impact-rated (Z87+) • Splash-rated (D3) • Anti-fog coating	• 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

Clearvue 200

PART NO.

10029693 TRY IT!



SAFETY FEATURES	STYLING
• Impact-rated (Z87+) • Splash-rated (D3) • Anti-fog coating	• 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

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 infromation, visit www.P65Warnings.ca.gov.

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

Standards[1]**:** 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 TRY IT!	
SAFETY FEATURES	**STYLING**
• Impact-rated (Z87+) • Splash-rated (D3) • Anti-fog coating • Tuff Stuff Anti-Scratch Coating	• Non-vented for tighter seal • Minimum order quantity: 12

SAFETY GOGGLES	
MODEL	
Sightgard iV	
PART NO.	
10106270 TRY IT!	
SAFETY FEATURES	**STYLING**
• Impact-rated (Z87+) • Splash-rated (D3) • Anti-fog coating • Tuff Stuff Anti-Scratch Coating	• Indirect-venting helps keep goggles fog-free • Minimum order quantity: 12

SAFETY GOGGLES	
MODEL	
Vault	
PART NO.	
10106282	
SAFETY FEATURES	**STYLING**
• Impact-rated (Z87+) • Splash-rated (D3) • Anti-fog coating	• Modern styling • Comfortable, thick strap • Minimum order quantity: 6

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 infromation, 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

Eyewear and Goggle Accessories

				
PRODUCT	Goggle Retainer	Deluxe Eyewear Lanyard	Fogpruf™ Cleaner Refill	Towelettes
PART NO.	459458 for caps TRY IT! 449895 for hats TRY IT!	10020871	13016	10022087 TRY IT!
DESCRIPTION	• 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. **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.**	• Holds eyewear securely • Lanyard strap slides over temple • Pkg of 12	• 4 0z. bottle	• Pre-moistened • Box of 100

MSA—**The Safety Company**

Our business is safety. We've been the world's leading manufacturer of high-quality safety products since 1914. MSA products may be simple to use and maintain, but they're also highly-sophisticated devices and protective gear—the result of countless R&D hours, relentless testing and an unwavering commitment to quality that saves lives and protects millions of hard working men and women each and every day. Many of our most popular products integrate multiple combinations of electronics, mechanical systems and advanced materials to help ensure that users around the world remain protected in even the most hazardous of situations.

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

0600-53-MC / 06.2021
© MSA 2021