

# Head, Eye, Face and Hearing Protection

## Head, Eye, Face and Hearing Protection

Your job is burdened with personal hazards. Within a few minutes on the job site, a falling object can split your head open or a piece of grit can destroy your eye, if you aren't wearing a protective helmet and eyewear. What may appear to be bearable loud noise can gradually destroy your hearing—if it repeats many times during your work day. It's smart to outfit yourself automatically before any job begins.

Especially if you work in construction, dust and gritty particles can be projected into your eyes. Falling building materials and projectiles can cause serious injuries or even death.

Maybe you don't think your job is that dangerous. But why take chances when a single accident can change your life?

### What do you need?

Protective industrial helmets, or hard hats, are always visible on the job site, particularly where falling hazards exist. Other personal protection can easily be attached to the hard hat to protect the face and ears.

Head protection in the U.S. commonly takes the form of protective helmets, Type I (top impact) or Type II (lateral impact) that meet the requirements of ANSI Z89.1-1997. Type I helmets are designed to protect from top impact and penetration, while the Type II helmets give lateral impact and penetration protection.

At MSA, customization is our specialty. We can decorate your head protection with any company logo or design or even photographic images. V-Gard® Caps featuring your favorite NFL team or Nascar Racing Team drivers/teams or Freedom Series make you stand out in a crowd while protecting your head.

Faceshield frames are designed so that various lightweight plastic and wire-screen faceshields can be quickly snapped into place. MSA's vented Advance® Caps have air ventilation slots in the crown and ratchet suspensions for a secure, comfortable fit. Helmets come in all colors and sizes, with different suspension styles. They are easily personalized with customized logo imprinting and available in special designs, such as your favorite NFL team.

Today's protective eyewear comes in stylish colors, with wraparound lenses that resist fogging and protect from the sun's harmful UV rays. Safety glasses are lightweight and have more flexible temples, more comfortable nose bridges, and side shields. Lenses can be yellow, blue, green, or even reflective-mirrored.

Up-to-date hearing protection—in the form of electronic ear muffs—can add new dimensions in communication and listening to your favorite music while protecting your hearing. Passive ear muffs can be fastened to the hard hat, and raised or lowered on demand. Disposable ear plugs on cords offer an alternative to helmet-mounted ear muffs, because they provide convenience, comfort, and low cost as well as high noise-reduction ratings.

### What do you want?

Workers want personal protective equipment that's so reliable, comfortable, and easy to work in that they hardly notice they are wearing it.

Employers, of course, want reliable protection that employees will wear—at economical prices.

To keep employees safe and comply with various government standards, starting with OSHA regulations, employers must be knowledgeable about both the range of potential hazards and the types of safety equipment needed. Fortunately, along with continuous technological improvements in materials and design, every year brings new safety products that are lighter and more comfortable, reliable, and stylish!

### Scope of Z89.1 - 2003

#### American National Standard for Head Protection

The most recent standard was approved in July 2003 and continues to cover requirements for two types of impact-resistant helmets:

##### 1. TYPE I (Top Impact)

Helmets intended to reduce the force of an impact to the top of a wearer's head.

##### 2. TYPE II (Top and Lateral Impact)

Helmets intended to reduce the force of an impact resulting from a blow received off-center or to the top of a wearer's head.

The new standard's performance requirements for Type I and Type II Helmets are equivalent to those specified in the 1998 revision.

#### Electrical Performance

##### 1. CLASS E (Electrical)

Helmets intended to reduce the danger of exposure to high-voltage electrical conductors, proof-tested at 20,000 volts.

##### 2. CLASS G (General)

Helmets intended to reduce the danger of exposure to low-voltage electrical conductors, proof-tested at 2,200 volts.

##### 3. CLASS C (Conductive)

Helmets not intended to provide protection from electrical conductors.

The electrical performance requirements in the 2003 standard are identical to those in the 1997 standard.



# Head, Eye, Face and Hearing Protection

## V-Gard® Protective Caps and Hats

Third-party certified by



SAFETY EQUIPMENT INSTITUTE

V-Gard Protective Caps and Hats from MSA consist of a polyethylene shell and suspension system working together as a protection system. V-Gard headwear features advanced styling in either cap or hat styles, with the cap available in three sizes: small (6–71/8), standard (61/2–8) and large (7–81/2).

V-Gard Caps and Hats meet or exceed the applicable requirements for a Type I helmet (top impact) as outlined in ANSI Z89.1-2003, Class E, and also as outlined in CSA Z94.1-2005 (Class E) with 1-Touch® and Fas-Trac® suspensions.

V-Gard Caps and Hats are not specifically designed to protect against lateral blows from the front, side, or rear. MSA's Vanguard™ II Protective Helmets are so designed and must be used if lateral protection is desired. For more information, contact your MSA distributor.



V-Gard® Protective Cap



V-Gard® Protective Hat

### ⚠ WARNING

Do not mix suspension and helmet sizes. Make sure the sizes match (example: standard-size suspension with standard-size helmet). Use only MSA suspensions on an MSA helmet. Failure to comply with the above will reduce the energy-absorbing ability of the protective helmet, which can result in serious injury or death.

## V-Gard Complete Assemblies

Color	Small V-Gard Slotted Cap		Standard V-Gard Slotted Cap			Large V-Gard Slotted Cap		V-Gard Hat Non-Slotted			
	w/ Staz-On Suspension	w/ Fas-Trac® Suspension	w/ Staz-On Suspension	w/ 1-Touch* Suspension	w/ Fas-Trac® Suspension	w/ Uni-Pro Suspension	w/ Staz-On Suspension	w/ Fas-Trac® Suspension	w/ Staz-On Suspension	w/ 1-Touch* Suspension	w/ Fas-Trac® Suspension
White	466354	477477	463942	10057441	475358	10004760	473284	477482	454733	10058321	475369
Blue	466355	477478	463943	10057442	475359	10004762	476928	477483	454732	10058320	475368
Yellow	466356	477479	463944	10057443	475360	10004761	473285	477484	454730	10058318	475366
Orange	•	•	463945	10057444	475361	10004767	•	See Note	454734	10058322	496075
Red	•	•	463947	10057446	475363	10004763	•	See Note	454736	10058324	475371
Green	•	•	463946	10057445	475362	10004765	•	See Note	454735	10058323	475370
Gray (navy)	•	•	463948	10057447	475364	10004766	•	See Note	454731	10058319	475367
Hi-Viz Orange	•	489368	488148	10057420	488146	10004764	•	489364	489360	10058326	10021292
Hi-Viz Lime Green	•	•	815558	•	815565	10017732	•	•	815562	•	815570
Hi-Viz Yellow-green	•	•	•	10061514	10061512	•	•	See Note	•	10061516	10061515
Dark (Canadian) Blue	•	•	•	•	802972	•	•	•	•	•	802975
Gold	•	•	464852	•	475365	10004768	•	See Note	•	•	•
Robin's Egg Blue	•	•	463111	•	495853	•	•	•	•	•	•
Brown	•	•	464658	•	495854	•	•	•	•	•	•
Silver	•	•	484340	•	495855	•	•	See Note	•	•	•
Tan	•	•	461180	•	•	•	•	•	•	•	•
Black	•	•	475235	•	492559	•	•	See Note	•	•	•
Light Buff	•	•	478237	•	495856	•	•	•	•	•	•
Purple	•	•	488398	•	495858	•	•	•	•	•	•
Pink	•	•	•	•	495862	•	•	•	•	•	•

### Special V-Gard Assemblies

White, w/L/B and C/H (Class C)	•	•	460018	•	•	•	•	•	460069	•	815009
White, w/American Flag	•	•	474159	•	•	•	•	•	•	•	•

### V-Gard Assembly with Swing-Ratchet Suspension

White standard-size V-Gard Cap, w/Swing-Ratchet Suspension	10004689
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Note: These colors are available as special material orders with a minimum quantity of 20 helmets per order.

\*CSA approved.

For V-Gard Cap and Hat Accessories, see pp. 106–109.



Many Americans are looking for a way to express our country's solidarity. For this reason, MSA has designed the **Freedom Series** of helmets. This series features a V-Gard® Cap with Fas-Trac® ratchet suspension and a patriotic design over the entire shell. See p. 110 for more information.



# Head, Eye, Face and Hearing Protection

## Accessories for V-Gard® Caps and Hats

### Replacement Suspensions



Fas-Trac® Ratchet Suspension System



Staz-On® Pin-Lock Suspension System



1-Touch™ Suspension System

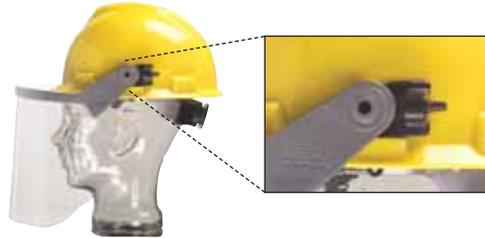


Swing-Ratchet Suspension System

### Adapters and Plastic Instant Release Attachments for Welding Shields



Plastic Instant-Release for Welding Helmet



Defender + Faceshield Frame with Instant-Release

Kits permit the easy attachment of Welding Shields and SparkGard Faceshields with visors to MSA's helmets.

### Welding Shield Attachments

Plastic Instant-Release Attachment	With lugs	Less lugs
Instant-Release for slotted caps	10036456	10039111
<b>Defender+ Frame with Instant-Release Attachment</b>		
Defender + frame for slotted cap, without lock-down		10037098
<b>Welding Kits</b>		
Standard Adapter for Welding Helmets and Sparkgards		488525
EC Adapter Kit (positive positioning type)		806211
Sparkgard only		456568

### Sound Control™ Cap Models

Hearing protection designed to fit your V-Gard Helmet.



EXC cap model

HPE cap model

XLS cap model

Sound Control Cap Models are designed for easy attachment to slotted MSA Caps and help to reduce the effects of excessive noise. Noise Reduction Rating (NRR) is third-party certified in accordance with ANSI S3.19-1974, CSA Class A and EN352-3.

### Sound Control Cap Models

HPE cap model, complete with brackets (NRR 27 dB)	10061272
EXC cap model, complete with brackets (NRR 25 dB)	10061230
XLS cap model, complete with brackets (NRR 22 dB)	10061535
Sound Blocker 26 cap model (NRR 26), for use with Defender + Faceshield Frame	10026398

### Replacement Suspensions

\*NEW part numbers  
SAME great products

	Small (6-7 <sup>1</sup> / <sub>8</sub> )	Standard (6 <sup>1</sup> / <sub>2</sub> -8)	Large (7-8 <sup>1</sup> / <sub>2</sub> )
Staz-On Suspension	467386	10087218*	492566
Fas-Trac Suspension	492567	10087220*	492568
<b>1-Touch Suspension</b>			
For standard size V-Gard Cap or Hat (6 <sup>1</sup> / <sub>2</sub> -8)			10061123
<b>UniPro Suspension</b>			
For standard size V-Gard Cap or Hat (6 <sup>1</sup> / <sub>2</sub> -8)			10004788
Replacement sweatbands, for Uni-Pro only, pkg. of 5			10004786
<b>Swing Ratchet Suspension</b>			
Swing ratchet for standard size V-Gard Cap or Hat (6 <sup>1</sup> / <sub>2</sub> -7 <sup>5</sup> / <sub>8</sub> )			816645

\*P/N 10087218 replaces P/N 454230. P/N 10087220 replaces P/N 473332.

# Head, Eye, Face and Hearing Protection

## Accessories for V-Gard® Caps and Hats

### Defender® + Faceshield Frame for Slotted Caps

The Defender + Faceshield Frame for slotted caps is available in three versions (see details in ordering information below). Features of the Defender + Frame include:

- Front-drip-edge splash protection.
- Unlimited number of lift stop positions.
- Long-lasting O-ring pivot-joint design.
- Snap-in ear muff option.
- Easy in, easy out visor replacement.
- Optional cap lockdown clip (V-Gard, Topgard and SmoothDome cap models only).



Defender + Frame



Defender + Frame ,  
Sound Blocker 26 Muff Assembly

### Defender + Foldback Faceshield Frames (Plastic and Metal)



Plastic Defender + Foldback Faceshield Frames (Cap on Left, Hat on Right)



Metal Defender + Foldback Faceshield Frames (Cap on Left, Hat on Right)

FoldbackFaceshield Frames come in plastic (dielectric) and metal. Both plastic and metal frames come in cap and hat models. These frames can be used with slotted or non-slotted helmets. All frames come without visors.

### Defender + Faceshield Frames for Slotted Caps (Less Visor)

Defender + Faceshield Frame for V-Gard Caps with lockdown clip	10021614*
Defender + Faceshield Frame for V-Gard Caps, not equipped with lockdown clip	10021616

### Ear Muff Accessory for Defender + Frame

Sound Blocker 26 (26 NRR) (includes clips)	10026398
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### Nitrometer Additions

Chin Guard for Nitrometer Mask, black polypropylene	10022242
Chin Guard for Nitrometer Mask, clear polycarbonate	10022241

\*Meets CSA Z94.3.

### Defender + Universal Foldback Faceshield Frames

#### Plastic (Dielectric) Defender + Foldback Faceshield Frames

Cap, less visor	10016742
Hat, less visor	10005383*

#### Metal Defender + Foldback Faceshield Frames

Cap, less visor	488160
Hat, less visor	488159

\*Meets CSA Z94.3.

### ⚠ WARNING

Do not use metal Foldback Faceshield Frame in electrical applications. Failure to follow this warning can result in serious injury or death.

### Defender® + Easy Release Faceshield Frame

**New!**

- To be used only with MSA slotted cap muffs
- Front drip-edge splash protection
- Unlimited number of stop positions
- Long-lasting, O-ring, pivot-joint design
- Easy-in, easy-out visor replacement
- Optional cap lockdown clip (V-Gard, Topgard and SmoothDome Cap cap models only).

#### Chip Arrester (Optional)

Wearers can choose the optional bright orange stretch nylon Chip Arrester with elastic. The Chip Arrester attaches to the frame on five points and helps to keep debris from falling behind the frame when the frame is raised over the hardhat.

Easy Release Frame with  
XLS Hearing Protection



Easy Release Frame with  
HPE Hearing Protection  
and Chip Arrester

Chip Arrester



### Defender + Easy Release Faceshield Frames (Less Visor)

Defender+ Easy Release Frame for standard V-Gard cap, with lockdown clip, Black	10080783
Non-locking Defender+ Easy Release Frame, Black	10080785
Defender+ Easy Release Frame for standard V-Gard cap with lockdown clip, Hi-Viz Orange	10080786

#### Chip Arrester (Optional)

Chip Arrester, Hi-Viz orange	10080794
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# Head, Eye, Face and Hearing Protection

## Accessories for V-Gard® Caps and Hats

### Visors

Choose from a wide variety of visors that fit easily on MSA faceshield frames. **MSA visors are manufactured for use on ONLY MSA frames and assemblies for compliance with ANSI Z87.1 2003.**



Visors should always be worn with primary eye protection such as MSA high impact-resistant spectacles or goggles. Visors should be inspected frequently and replaced immediately if worn, scratched, or damaged in any way. Selection of proper models for specific hazards and communication of all instructions, precautions, and limitations to the wearer is the responsibility of user safety specialists, who are also responsible to see that they are strictly observed. Failure to comply with any of the above could result in serious injury or death.

### Approvals

All MSA Visors meet or exceed applicable requirements of ANSI Z87.1 2003.

#### ▲ WARNING

Do not use MSA visors for welding, elevated temperature applications, or for protection against other infrared radiation sources unless the MSA visor is approved for such applications. Never use any MSA visor for sports, simulated war games, paintball games, or similar activities. A pitted or scratched lens reduces eye protection and vision. Inspect routinely and replace worn or damaged parts immediately. Do not alter or modify this product. Do not use near open flame. Failure to follow these warnings can result in permanent impairment of sight, other serious personal injury, or death.

#### ▲ CAUTION

Maintenance: clean visor with mild soap and water. Cleaning dry or with coarse cloth will scratch the visor.

Visors				
Polycarbonate Visors		Size (inches)	Part No.	
Clear (Molded)		10 x 20 x .060	10063106	
Clear (Formed)		8 x 16 x .040	488131	
Clear (Formed)		8 x 16 x .060	488132	
Clear (Flat)		8 x 15½ x .040	10017934*	
Clear (Formed)		8 x 19 x .060	488138	
Clear (Formed)		6 x 16 x .060	491908	
Clear (Fog-free)		8 x 16 x .040	802337	
Propionate Visors		Size (inches)	Part No.	
Clear		8 x 15½ x .060	10005883*	
Dark Green		8 x 15½ x .060	10005885	
Shade 5 (green) — Z87 Basic Impact		8 x 15½ x .060	10005882	
Nitrometer Visors and Chinguards				
Visors		Size (inches)	Part No.	
Clear polycarbonate		6 x 16 x .040	488126	
Clear polycarbonate (fog free)		8 x 19 x .060	494916	
Chinguards for Nitrometer Visors Listed Above			Part No.	
Clear polycarbonate			10022241	
Black polypropylene			10022242	
Other Nitrometer Visor & Chinguard		Size (inches)	Part No.	
Shade #5, green, propionate — Z87 Basic Impact (must be worn with chinguard)		6 x 16 x .060	10005881	
Chinguard, polycarbonate, black (for use only with above visor P/N 10005881)			10013631	
Wire Screen Visors (Z87.1 basic impact protection)		Size (inches)	Part No.	
Plastic edge, 20 mesh (not for use in elevated temperatures)		6½ x 14	476356	
Aluminum edge, 20 mesh (not for use in areas where splash may occur)		8 x 17½	457409	
Arc Shield Visor**		Size (inches)	Material	Part No.
Light green tint (for electrical arc protection), 10 Cal		10 x 20 x .060	propionate	10006024
Nitrometer Arc Shield, light green		10 x 16 x .060	propionate	10063107

\*Meets CSA Z94.3.

\*\*Arc Shields meet NFPA 70E, Class 2.

# Head, Eye, Face and Hearing Protection

## Accessories for V-Gard® Caps and Hats

### Medical Information Carrier System



This small, simple hardhat accessory can provide crucial, even lifesaving information, in the event of a medical crisis while the worker is on the job.

#### Medical Information Carrier System

This small, simple hardhat accessory can provide crucial, even lifesaving information, in the event of a medical crisis while the worker is on the job.

Medical Information Carrier System (pkg. of 10)

10013393

### Helmet Lights and Slot Adapters



*Stealthlite & Light Holder for Slotted Caps*

*VersaBrite II Light*

MSA offers three helmet lights that fit into our special cap or hat adapters. All of the lights are FM and CSA-approved for intrinsic safety, and are non-incendive.

#### Helmet Lights and Slot Adapters

VersaLite Helmet Light with 2 AA alkaline batteries	697259
Stealthlite Helmet Light (batteries not included)	697261
VersaBrite II Helmet Light with 2 AA alkaline batteries	697417
Light holder for slotted Cap—no metal parts	814322
Light holder for non-slotted Hat —May reduce the dielectric properties when bracket is attached.	814323
<b>Helmet Light Replacement Parts</b>	
Standard lamp module for the Versalite	697357
Standard lamp module for the Stealthlite	697356
Hi-Performance lamp module for the VersaBrite II	697418

### Various V-Gard Helmet Accessories



*Terri-Band Sweatband*



*Goggle Retainers*



*V-Gard and Advance Sun Shield*



*Chinstrap (attaches to suspension)*

*Chinstrap (attaches to helmet)*

#### Various V-Gard Helmet Accessories

Custom Terri-Band Sweatband (single)	10068911
Custom Terri-Band Sweatband (pkg of 10)	696688
Goggle Retainer for protective caps, less goggles	459458
Goggle Retainer for protective hats, less goggles	449895
Sun Shield for Standard V-Gard Cap only	697290
Sun Shield for V-Gard Hat only	697410
Sun Shield for Advance Cap	10039114
Chinstrap, plastic (attaches to the shell)	88128
Chinstrap, elastic (attaches to the suspension)	81391

# Head, Eye, Face and Hearing Protection

## Freedom Series™ Helmets

### Let Freedom Shine!

Hardhat wearers can express their patriotism and protect their heads by wearing one of MSA's new special series of Freedom caps and hats. The bright designs are exceptionally attractive, with a superior shiny finish, on the V-Gard Cap and Hat shell.

The Freedom Series Caps, which come with MSA's Fas-Trac suspension are lightweight, durable, and comfortable. They meet all applicable requirements of a Type I helmet as outlined in ANSI Z89.1-2003 and CSA Z94.1-2005 (Class E). The helmet's accessory slots accept all MSA V-Gard accessories. Also, your logo can be custom-imprinted on top of the design, if desired. The helmet's accessory slots accept all MSA V-Gard accessories. Also, your logo can be custom-imprinted, if desired.



American Eagle



American Stars and Stripes Cap and Hat

**New!**



American Flag and 2 Eagles Cap and Hat

### American Freedom Series Helmets

Full Decoration	V-Gard Cap with Fas-Trac® Suspension	V-Gard Hat with Fas-Trac® Suspension
American Eagle	10079479	—
American Stars and Stripes Design	10052945	10071157
American Flag with 2 Eagles	10052947	10071159
Camouflage Helmet	10065166	10071155
Dual American Flag Design	10050611	—
Front Logo Only		
"United We Stand" V-Gard Cap	10034263	—



Camouflage Cap and Hat

### Canadian Freedom Series Helmets

Decoration	V-Gard Cap with Fas-Trac® Suspension	V-Gard Hat with Fas-Trac® Suspension
White with red Maple Leaf design	10050613	10082234
Black with red Maple Leaf design	10082233	10082235
Camouflage with Canadian Flag	10082443	—
Fleur-de-Lis	10067761	—



Dual American Flag Design

"United We Stand" Cap

### Mexican Freedom Series Helmet

Decoration	V-Gard Cap with Fas-Trac® Suspension
Patriotic Mexican	10052600



Canadian White with Red Maple Leaf Cap and Hat



Patriotic Mexican

**New!**



Canadian Black with Red Maple Leaf Cap and Hat

**New!**



Camouflage with Canadian Flag

Fleur-de-Lis Cap

# Head, Eye, Face and Hearing Protection

## MSA Sports Logo Helmets

### NFL V-Gard® Helmets



Wear them at work, at home, or even at the game. The NFL line of V-Gard Caps with the comfortable strap-adjustable, 1-Touch® suspension offers superior quality, comfort, and protection. NFL V-Gard Caps meet or exceed all applicable requirements for a Type I helmet as outlined in ANSI Z89.1-2003 (Class E) and CSA Z94.1-2005 (Class E). Safety directors will appreciate how NFL V-Gard Caps complement a safety program and improve wearer acceptance.



*See our NFL line of spectacles on p. 129.*

### NFL V-Gard Helmets

V-Card Cap	Part No.	V-Card Cap	Part No.
Arizona Cardinals	818384	Miami Dolphins	818399
Atlanta Falcons	818385	Minnesota Vikings	818400
Baltimore Ravens	818386	New England Patriots	818401
Buffalo Bills	818387	New Orleans Saints	818402
Carolina Panthers	818388	New York Giants	818403
Chicago Bears	818389	New York Jets	818404
Cincinnati Bengals	818390	Oakland Raiders	818405
Cleveland Browns	818391	Philadelphia Eagles	818406
Dallas Cowboys	818392	Pittsburgh Steelers	818407
Denver Broncos	818393	San Diego Chargers	818408
Detroit Lions	818394	San Francisco 49ers	818409
Green Bay Packers	818395	Seattle Seahawks	818410
Houston Texans	10031348	St. Louis Rams	818411
Indianapolis Colts	818396	Tampa Bay Buccaneers	818412
Jacksonville Jaguars	818397	Tennessee Titans	818413
Kansas City Chiefs	818398	Washington Redskins	818414

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

### College V-Gard® Helmets

**New!**



The College line of V-Gard Caps with the comfortable strap-adjustable 1-Touch® Suspension offers superior quality, comfort, and protection. College V-Gard Caps meet or exceed all applicable requirements for ANSI Z89.1-2003 for a Type I helmet and CSA Z94.1-2005 (Class E).

Safety directors appreciate how College V-Gard Caps complement their safety programs. When more workers are inclined to wear them, wearer acceptance is improved.

Display your loyalty to your favorite college team with MSA's new officially licensed College line of V-Gard Caps.

### College V-Gard Helmets

V-Card Cap	Part No.
Alabama Crimson Tide	10069357
Florida Gators	10069358
Georgia Bulldogs	10069359
Louisiana State Tigers	10069360
Miami Hurricanes	10079414
Michigan Wolverines	10069395
North Carolina Tarheels	10069356
Oklahoma Sooners	10081474
Southern California Trojans	10081473
Tennessee Volunteers	10069394
West Virginia Mountaineers	10081472

# Head, Eye, Face and Hearing Protection

## SmoothDome™ Slotted Cap



*Available in  
early 2008!*

MSA's SmoothDome Slotted Cap is a tough, lightweight polyethylene helmet with smooth crown and suspension system working together as a protective system. Its smooth silhouette is welcomed by welders, especially those in shipbuilding and general construction—and some workers simply prefer wearing a smooth-crowned hard hat.

SmoothDome Caps meet or exceed applicable requirements for a Type I (top-impact) helmet as outlined in ANSI Z89.1-2003, Class E (electrical high voltage).

SmoothDome Caps are not specifically designed to protect against lateral blows from the front, side or rear. MSA's Vanguard Type II protective helmets are so designed and must be used if lateral protection is desired. For more information, contact your local MSA distributor.

### SmoothDome Cap

Color	4-Point Fas-Trac Suspension	6-Point Fas-Trac 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	10074077	10084088
Hi-Viz Yellow Green	10074084	10084095

### Replacement Suspensions

4-Point Fas-Trac Suspension	10087220
6-Point Fas-Trac Suspension	10084023
Swing-Ratchet Suspensions	816645

### Defender + Easy Release Faceshield Frames (less visor)

Non-locking Defender+ Easy Release Frame, Black	10080785
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## Custom-Imprinting and Striping Logo Express® Service for MSA Helmets

A variety of MSA helmets are available with your logo, slogan or striping imprinted on the headwear. You can select the colors and the areas to be imprinted. MSA uses both single and multi-color imprinting techniques to provide a choice of up to four colors.

### Image 2000<sup>SM</sup>

MSA offers the Image 2000 Service, which uses a photographic process to reproduce images on white MSA helmets only.

### Striping



If you have any questions, please call your local MSA distributor or MSA Logo Express 1-800-MSA-LOGO (1-800-672-5646).

More details are also on our LogoExpress Web site: [www.MSAnet.com/logoexpress](http://www.MSAnet.com/logoexpress)



### Ordering Information

A minimum quantity of 20 custom-imprinted caps or hats (of the same size or model) is required for initial and repeat orders.

## Ceremonial Gold Helmet

**New!**

MSA's new ceremonial gold helmet allows you to commemorate any special occasion with a treasured keepsake.

- Honor a special employee
- Commemorate a groundbreaking ceremony
- Present as a safety award

MSA's ceremonial gold helmet can be kept as a thoughtful remembrance of any celebration.

### Does Not Meet Any Standards

Although this simulated shiny gold plastic hard hat comes with MSA's Fas-Trac Suspension, this helmet does not meet any standards for head protection, and cannot be used as an individual safety helmet. It is for show purposes only.



### Ceremonial Gold Helmet

Gold V-Gard Cap with Fas-Trac Suspension	10061550
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# Head, Eye, Face and Hearing Protection

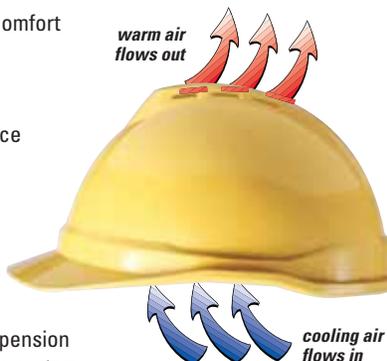
## Advance® Cap: Vented and Non-Vented Styles

**Vented Advance Caps** provide cooling vents for improved air circulation and comfort, while the **Non-Vented Advance Caps** are appealing to users who want both the new Advance styling AND dielectric head protection. **Advance Caps** from MSA feature a combination of advanced features and styling:

- Vented version for improved air circulation
- Optional 4- or 6-point Fas-Trac suspension system
- Lightweight design for added comfort
- Lateral contours above the ear for easy integration of hearing protection
- Glaregard™ underbrim to reduce reflective glare
- Custom printing available
- Sun Shield available—extends the brim all the way around

Advance Caps consist of a polyethylene shell and 4-or 6-point or Fas-Trac® ratchet suspension that work together as a protective system.

Advance Caps meet or exceed the applicable requirements for a Type I helmet (top impact) as outlined in ANSI Z89.1-2003. Non-Vented meet Class E and **Vented meet Class C.**



Advance Cap: Vented and Non-Vented Styles		
Complete Assemblies - Vented		
Color	4-Point Fas-Trac Suspension	6-Point Fas-Trac Suspension
White	10034018	10034027
Blue	10034019	10034028
Yellow	10034020	10034029
Red	10034022	10034031
Green	10034023	10034032
Hi-Viz Orange	10034026	10034035
Hi-Viz Yellow Green	10074819	10074820
Complete Assemblies - Non-Vented		
Color	4-Point Fas-Trac Suspension	6-Point Fas-Trac Suspension
White	10034088	10034097
Blue	10034089	10034098
Yellow	10034090	10034099
Green	10034093	10034102

Replacement Parts And Accessories			
Replacement Suspensions			
4-Point Fas-Trac Suspension (6½-8)			10034966
6-Point Fas-Trac Suspension (6½-8)			10034967
Accessories			
Faceshield Frames			
Defender + Faceshield Frame for Advance Cap (not equipped with lockdown clip)			10021616
Visors*			
Visor Type	Color	Size (inches)	Part No.
Proprietary visor	Clear	8 x 15½ x .060	10005883
Polycarbonate visor (formed)	Clear	8 x 16 x .060	488132
Nitrometer visor (formed)	Clear polycarbonate	6 x 16 x .040	488126
Chinguard			
Chinguard for Nitrometer visor—black			10022242
Hearing Protection			
HPE cap model (26 NRR), complete with brackets			10061272
EXC cap model (24 NRR), complete with brackets			10061230
XLS cap model (22 NRR), complete with brackets			10061535
Sound Blocker 26 (26 NRR) for use with Defender + Frame			10026398
Sun Shield			
Advance Sun Shield, polyurethane (front portion is Lexan, smoke tint)			10039114



Left: 4-Point Fas-Trac Replacement Suspension P/N 10034966  
Right: 6-Point Fas-Trac Replacement Suspension P/N 10034967



Advance Cap with Sun Shield P/N 10039114



Advance Cap with Defender + Faceshield Frame, Visor, and Sound Blocker 26 Hearing Protector



# Head, Eye, Face and Hearing Protection

## Topgard® Protective Caps and Hats

Topgard®  
Protective Cap

Topgard®  
Protective Hat



Lightweight, durable Topgard slotted Caps and non-slotted Hats are built for use by utilities and other industries where head protection from falling objects is necessary, along with good dielectric properties (non-conduction of electrical current). Limited resistance to top impact or penetration is retained through a wide range of temperatures.

Topgard Caps and Hats meet or exceed the applicable requirements for a Type I helmet (top impact) as outlined in ANSI Z89.1-2003 and CSA Z94.1-2005, Class E (electrical—high voltage).

Topgard Caps and Hats are not specifically designed to protect against lateral blows from the front, side or rear. MSA's Vanguard Type II protective helmets are so designed and must be used if lateral protection is desired. For more information, contact your local MSA distributor.

Third-party  
certified by:



For more complete information, see Data Sheet 06-00-02.

**For Cap and Hat Accessories, see pp. 118–123.**

### Topgard Assemblies

Color	Topgard Slotted Cap		Non-slotted Topgard Hat	
	w/ 1-Touch	w/ Fas-Trac	w/ 1-Touch	w/ Fas-Trac
White	454728	475385	454719	475393
Yellow	454721	475378	454712	475387
Gray	454722	475379	454713	•
Blue	454723	475380	•	•
Orange	454725	475382	•	•
Green	454726	475383	•	•
Red	454727	475384	•	•
Bright Orange	•	804396	•	804397
White w/lb & ch	448914	•	•	•

### Replacement Suspensions

Standard Size 1-Touch Suspension (6½–8) for Topgard Cap or Hat	10061127
Standard Size Fas-Trac Suspension (6½–8) for Topgard Cap or Hat	473333
Swing Fas-Trac Suspension (6½–7½) for Topgard Cap or Hat	816648

### Hearing Protection—Sound Control™ Cap Models

HPE cap model, complete with brackets (NRR 26 dB)	10061272
EXC cap model, complete with brackets (NRR 24 dB)	10061230
XLS cap model, complete with brackets (NRR 23 dB)	10061535
Sound Blocker 26 cap model (NRR 26), for use with Defender+ Faceshield Frame	10026398

### Faceshield Frames

Defender+ Easy Release Frame for Topgard cap with lockdown clip, black	10080784
Non-locking Defender+ Easy Release Frame, black	10080785

## Topgard® HTE Protective Caps

Lightweight, durable Topgard HTE slotted Caps are built for use by industries where elevated temperature, Class E head protection is necessary. Limited resistance to top impact or penetration is retained through a wide range of temperatures.



Topgard HTE Caps meet or exceed the applicable requirements for a Type I helmet (top impact) as outlined in ANSI Z89.1-2003, CSA Z94.1-2005, Class E (electrical—high voltage) and NFPA 70E.

Topgard HTE Caps are not specifically designed to protect against lateral blows from the front, side or rear. MSA's Vanguard Type II protective helmets are so designed and must be used if lateral protection is desired. For more information, contact your local MSA distributor.

Third-party  
certified by:



**For Cap Accessories, see pp. 118–123.**

### Topgard HTE Assemblies

	White	Yellow	Red	Orange	Gray
Fas-Trac Suspension	10074904	10074903	10074905	10074907	10086434

### Replacement Suspension

Standard Size Fas-Trac Suspension (6½–8) for Topgard Cap or Hat	473333
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### Defender + Faceshield Frames for Slotted Caps (Less Visor)

Defender + Faceshield Frame for Topgard Caps with lockdown clip	10021615
Defender + Faceshield Frame, elevated temperature (polycarbonate) (replaces Tempgard)	10031191

### Arc Shield Visor and Nomex Chinstrap

For protection from electric arcing. Call for protection level. Meets ANSI Z87 and NFPA 70E, Class 2.

Color	Material	Size (inches)	Part No.
Tinted (light green/brown) – HIGH IMPACT, 10 Cal	propionate	10 x 20 x .060	10006024
Tinted (light green/brown) complete w/chinguard, 14 Cal – basic Z87.1	propionate	6 x 20 x .060	10063107
Nomex chinstrap with nylon hooks (attaches to the shell)			10003127

# Head, Eye, Face and Hearing Protection

## Thermalgard® Protective Caps

Thermalgard®  
Protective Cap



Thermalgard with swing-ratchet suspension

Thermalgard Slotted Caps are lightweight, high-strength helmets intended for use where workers may need a helmet with elevated temperature capability. The injection-molded, rivetless shell of glass-reinforced nylon has a beaded edge for improved rigidity. Slots in the cap provide for mounting hearing protection muffs, welding shields, and faceshields. Thermalgard Caps meet or exceed the applicable requirements for a Type I helmet (top impact) as outlined in ANSI Z89.1-2003, Class G (electrical—low voltage). The Thermalgard Cap also meets CSA Z94.1-2005 (Class G).

Thermalgard Caps are not specifically designed to protect against lateral blows from the front, side or rear. MSA's Vanguard Type II protective helmets are so designed and must be used if lateral protection is desired. For more information, contact your local MSA distributor.

For Cap Accessories, see pp. 118–123.

Third-party certified by:



### Thermalgard Assemblies

Color	w/ 1-Touch Susp.	w/Fas-Trac Susp.
Yellow	486964	486959
White	486965	486960
Red	486966	486961
Orange	486967	486962
Blue	486968	486963
Gray	•	487677
Bright Orange	800359	800360
Green	487399	814343

### Replacement Suspensions

Std size 1-Touch Suspension (6½–8)	10061127
Std size Fas-Trac Suspension (6½–8)	473333
Std size Fixed Crown Suspension (6½–7¾)	82797
Swing Fas-Trac Suspension (6½–7¾)	816648

### Hearing Protection—Sound Control™ Cap Models

HPE cap model, w/brackets (NRR 27 dB)	10061272
EXC cap model, w/brackets (NRR 24 dB)	10061230
XLS cap model, w/brackets (NRR 22 dB)	10061535
S/B 26 cap model (NRR 26), for use with Defender + Faceshield Frame <b>only</b>	10026398

## Skullgard® Protective Caps and Hats

Skullgard®  
Protective Cap



Skullgard®  
Protective Hat



Skullgard Caps and Hats feature heavy-duty construction for use in steel mills and other heavy industries where elevated temperatures are common. Skullgard Caps and Hats meet or exceed the applicable requirements for a Type I helmet (top impact) as outlined in ANSI Z89.1-2003, Class G (electrical—low voltage).



Skullgard with swing-ratchet suspension

Third-party certified by:



### Skullgard Assemblies

	Skullgard Cap			Skullgard Hat	
	Staz-On	Fas-Trac	Swing-Ratchet	Staz-On	Fas-Trac
Natural tan	454617	475395	816651	454664	475407
White	454618	475396	•	454665	475408
Yellow	454619	475397	•	454666	•
Red	454620	•	•	•	•
Green	454621	•	•	454668	•
Grey	454622	•	•	•	•
Blue	454623	•	•	•	•
Orange	454626	•	•	454673	•
Hi-Viz Red/Orange	458702	•	•	•	•

### Alternative Skullgard Assemblies

Large Skullgard Cap with Staz-On suspension, natural tan	82018
Large Skullgard Cap with Fas-Trac suspension, natural tan	475405
Standard Skullgard Cap with Staz-On suspension, lamp bracket and cord holder, natural tan	460409
Skullgard Hat with Staz-On suspension, lamp bracket and cord holder, natural tan	460389
Skullgard Cap with Fas-Trac suspension, Welder's Lugs, natural tan	482002

### Replacement Suspensions

Size	Staz-On	Fas-Trac	Fixed-Crown®	Swing Fas-Trac	1-Touch
Std (6½–8)	454231	473334	79717 (6½–7¾)	816654 (6½–7¾)	10061128
Large (7–8½)	468096	478454	—	—	—

### Metal Foldback Faceshield Frame for Skullgard Cap ONLY

Frame, less visor	10079072
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# Head, Eye, Face and Hearing Protection

## Vanguard™ II Helmets for Lateral Protection and Emergency Response



Vanguard II Helmets are designed to provide limited impact and penetration protection in the event of a top or lateral blow to the head. Compliant with test requirements of ANSI Z.89.1-2003 and CAN/CSA Z94.1-2005 Class E for Type II helmets.



Custom imprinting and striping available.

### Vanguard II (polyethylene) Complete Assemblies with Fas-Trac Ratchet Suspension

Yellow	White	Red	Blue	Hi-Viz Orange
804939	804940	804944	804946	804947

#### Replacement Suspension

Fas-Trac Suspension for Vanguard Helmets only (6½ in–8 in)	804631
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#### Chinstraps

Two-point chinstrap	804630
Three-point chinstrap (for maximum retention)	804629

#### Defender® + Foldback Faceshield Frame (Plastic)

The Foldback Faceshield Frame with visor, for use with Vanguard Helmets only, provides limited eye and face protection.

Defender + Universal Foldback Faceshield Frame—attaches with band (visor not included)	10016742
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#### Visors (certified to CSA Z94.3 and meet ANSI Z87.1-2003)

Polycarbonate visor, clear (flat), 8 x 15½ x .040 in.	10017934
Propionate visor, clear, 8 x 15½ x .060 in.	10005883
Arc Shield Visor*, light green tint (for electrical arc protection), 10 Cal	10006024

\*Arc Shields meet NFPA 70E, Class 2.

#### ⚠ WARNING

Use only MSA's Fas-Trac Suspension designed for Vanguard II 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.

## Canadian Super-V™ Helmets for Lateral Protection



Canadian Super-V Helmets consist of a shell, foam liner, and suspension system working together to provide limited impact and penetration protection in the event of a top or lateral blow to the head, as well as limited protection against contact with high-voltage conductors. Representing the latest generation of protective headwear, Canadian Super-V Helmets are tested for both top and lateral blows. The Super-V Helmet is certified to the CAN/CSA Z94.1-2005 standard, Class E for Type II helmets and meets all applicable requirements of ANSI Z89.1-2003 for a Type I helmet (Class E.)

### Super-V Assemblies

#### Complete with Fas-Trac Suspension and Foam Liner

White	C217091
Yellow	C217093
Blue	C217092
Orange	C217094
Red	C217095
Green	C217096
Navy Gray	C217097
Gold	C217098
Black	C217140
Silver	C217099
Hi-Viz Orange	C217100

#### Replacement Suspension

Fas-Trac suspension for Super-V Helmet only (6½-8)	818276
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#### Defender® + Faceshield Frame

Defender + Faceshield Frame—(not equipped with lockdown clip)	10021616
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#### Visors (certified to CSA Z94.3 and meet ANSI Z87.1-2003)

Polycarbonate visor, clear (flat), 8 x 15½ x .040 in.	10017934
Propionate visor, clear, 8 x 15½ x .060 in.	10005883
Arc Shield Visor*, light green tint (for electrical arc protection), 10 Cal	10006024

#### Ear Muff Accessories

HPE cap model, complete with brackets	10061272
XLS cap model, complete with brackets	10061535
Sound Blocker™ 26 (26 NRR) for use with Defender + Frame	10026398

\*Arc Shields meet NFPA 70E, Class 2.

#### ⚠ WARNING

Use only MSA's Fas-Trac 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.

# Head, Eye, Face and Hearing Protection

## Comfo-Cap® Protective Headwear

Designed for work in low-ceiling areas



The Comfo-Cap Protective Cap is widely used in the mining industry for head protection. Made of lightweight, tough polycarbonate plastic, the shell helps resist top impacts. Molded cross ridges on the crown provide increased strength and rigidity.

Comfo-Cap Protective Headwear meets or exceeds the applicable requirements for a Type I helmet (top impact) as outlined in ANSI Z89.1-2003, Class G (electrical—low voltage).

Note: The Comfo Cap is not specifically designed to protect against lateral blows from the front, side or rear. MSA's lateral protective helmets are so designed and must be used if lateral protection is desired. For more information, contact your MSA distributor.

### Comfo Cap Assemblies

	White	Blue	Yellow	Orange	Red	Green	Black
Staz-On Suspension	91522	91586	91585	91589	91590	91584	82769
Fas-Trac Suspension	475336	•	•	•	•	•	•

### Replacement Suspensions

Staz-On Suspension (6½ – 8)	454231
Fas-Trac Suspension (6½ – 8)	473334
1-Touch Suspension (6½ – 8)	10061128

### Attachments

Lamp Bracket (for all MSA helmets), <b>must be screwed on</b> (Class C)	15244
Cord Holder (for all MSA helmets), <b>must be screwed on</b> (Class C)	85277
Chinstrap—attaches to suspension	81329

## Bump Caps

The bump cap is designed for applications in workplaces such as meat packing, food processing, pest control, meter reading, and automotive repair. It protects the scalp by reducing exposure to abrasions and lacerations caused by minor bumps to the head. The key word is “minor” bumps. Bump caps are appropriate ONLY for work situations which do NOT require ANSI-compliant head protection. Contact MSA if ANSI-compliant head protection is needed.

### Features & Benefits

- Plastic cap: Provides scalp covering to reduce exposure to abrasions and lacerations due to minor bumps
- Molded from high-density polyethylene: Durable
- Perforated sides: Allows cross ventilation for better air circulation
- Adjustable sizing 6½ to 8: Accommodates different head sizes, easy to use
- Cool and lightweight: Comfortable
- Smooth surface: Easy to clean
- No replacement parts

### Custom Imprinting

- One-color imprinting available

### Applications

- Designed for work in areas such as pest control, meter reading, food/beverage processing, meat packing, auto repair.



### ⚠ WARNING

These bump caps are NOT safety helmets and do NOT meet OSHA nor ANSI requirements for head protection. DO NOT USE as sport safety helmet. DO NOT USE when ANSI-compliant head protection is required or needed.

### Plastic Bump Caps

Color	Part Number
Blue	10033650
Yellow	10033651
White	10033652
Red	10033653
Orange	10033654
Dark green	10033655

### Accessories

Faceshield Frame	10016742
Visor, clear 8 x 15½ x .040 polycarbonate	10017934



Plastic Bump Cap with Faceshield Frame and Visor

# Head, Eye, Face and Hearing Protection

## Faceshield Frames

### Defender® + Faceshield Frame for Slotted Caps

The Defender + Faceshield Frame for slotted caps is available in three versions (see details in ordering information below). Features of the Defender + Frame include:

- Front-drip-edge splash protection.
- Unlimited number of lift stop positions.
- Long-lasting O-ring pivot-joint design.
- Snap-in ear muff option.
- Easy in, easy out visor replacement.
- Optional cap lockdown clip (V-Gard and Topgard cap models only).



Defender + Frame



Defender + Frame, Sound Blocker 26 Muff Assembly

### Defender + Foldback Faceshield Frames (Plastic and Metal)



Plastic Defender + Foldback Faceshield Frames (Cap on Left, Hat on Right)



Metal Defender + Foldback Faceshield Frames (Cap on Left, Hat on Right)

FoldbackFaceshield Frames come in plastic (dielectric) and metal. Both plastic and metal frames come in cap and hat models. These frames can be used with slotted or non-slotted helmets. All frames come without visors.

### Defender + Faceshield Frames for Slotted Caps (Less Visor)

Defender + Faceshield Frame for V-Gard Caps with lockdown clip	10021614*
Defender + Faceshield Frame for Topgard Caps with lockdown clip	10021615
Defender + Faceshield Frame for all MSA Slotted Caps, not equipped with lockdown clip	10021616
Defender + Faceshield Frame, elevated temperature (polycarbonate) (replaces Tempgard®)	10031191
<b>Ear Muff Accessory for Defender + Frame</b>	
Sound Blocker 26 (26 NRR) (includes clips)	10026398

\*Meets CSA Z94.3.

### Approvals

All MSA Faceshield Assemblies and Visors meet the applicable requirements of ANSI Z87.1-2003.

### ⚠ CAUTION

All faceshield assemblies must be worn with Z87.1 high impact eye protection such as spectacles or goggles.

### Defender + Foldback Faceshield Frames (Plastic and Metal) (Less Visor)

#### Plastic (Dielectric) Defender + Universal Foldback Faceshield Frames

Cap, less visor	10016742
Hat, less visor	10005383*

#### Metal Defender + Universal Foldback Faceshield Frames

Cap, less visor	488160
Hat, less visor (works with all MSA helmets except Topgard)	488159
Cap, special frame for Skullgard cap ONLY	10079072

\*Meets CSA Z94.3.

### ⚠ WARNING

Do not use metal Foldback Faceshield Frame in electrical applications. Failure to follow this warning can result in serious injury or death.

### Approvals

All MSA Faceshield Assemblies and Visors meet the applicable requirements of ANSI Z87.1-2003.

### ⚠ CAUTION

All faceshield assemblies must be worn with Z87.1 high impact eye protection such as spectacles or goggles.

**New!**

## Defender + Easy Release Faceshield Frame

- To be used only with MSA slotted cap muffs
- Front drip-edge splash protection
- Unlimited number of stop positions
- Long-lasting, O-ring, pivot-joint design
- Easy-in, easy-out visor replacement
- Optional cap lockdown clip (V-Gard, Topgard and SmoothDome Cap models only).



Easy Release Frame with XLS Hearing Protection

### Chip Arrester (Optional)

Wearers can choose the optional bright orange stretch nylon Chip Arrester with elastic. The Chip Arrester attaches to the frame on five points and helps to keep debris from falling behind the frame when the frame is raised over the hardhat.



Chip Arrester

## Defender + Easy Release Faceshield Frames (Less Visor)

Defender+ Easy Release Frame for standard V-Gard cap, with lockdown clip, Black	10080783
Defender+ Easy Release Frame for Topgard cap with lockdown clip, Black	10080784
Non-locking Defender+ Easy Release Frame, Black	10080785
Defender+ Easy Release Frame for standard V-Gard cap with lockdown clip, Hi-Viz Orange	10080786
<b>Chip Arrester (Optional)</b>	
Chip Arrester, Hi-Viz orange	10080794



Easy Release Frame with HPE Hearing Protection and Chip Arrester

### Approvals

All MSA Faceshield Assemblies and Visors meet the applicable requirements of ANSI Z87.1-2003.

#### ⚠ CAUTION

All faceshield assemblies must be worn with Z87.1 high impact eye protection such as spectacles or goggles.

## Defender + Faceshield Assemblies

**No Hardhat Required – Meet Z87.1-2003**



Defender + Assembly with Visor and Chinguard (Nitrometer)



Defender + Assembly with Ratchet and Extended High-Temp Sparkgard

Use where no hard hat is required. They are available in three versions and all adjust to head sizes 6 1/2 to 8. The extended high-temp Sparkgard is for use in temperatures up to 250°F.

## Defender + Faceshield Assemblies (Less Visor)

Defender + Faceshield Assembly, standard Sparkgard, pin-lock suspension, less visor	10021610
Defender + Faceshield Assembly, standard Sparkgard, ratchet suspension, less visor	10021611*
Defender + Faceshield Assembly, extended Polycarbonate Sparkgard [for Elevated-Temp], ratchet suspension, less visor	10021612

\*Meets CSA Z94.3.

### Approvals

All MSA Faceshield Assemblies and Visors meet the applicable requirements of ANSI Z87.1-2003.

#### ⚠ CAUTION

All faceshield assemblies must be worn with Z87.1 high impact eye protection such as spectacles or goggles.

# Head, Eye, Face and Hearing Protection

## MSA Visors



Choose from a wide variety of visors that fit easily on MSA faceshield frames.

Visors should always be worn with primary eye protection such as high impact-resistant spectacles or goggles. Visors should be inspected frequently and replaced immediately if worn, scratched, or damaged in any way. Selection of proper models for specific hazards and communication of all instructions, precautions, and limitations to the wearer is the responsibility of user safety specialists, who are also responsible to see that they are strictly observed. Failure to comply with any of the above could result in serious injury or death.

### Approvals

Most MSA Visors meet or exceed applicable requirements of ANSI Z87+ (high impact).

### ⚠ CAUTION

Maintenance: clean visor with mild soap and water. Cleaning dry or with coarse cloth will scratch the visor.

### ⚠ WARNING

Do not use MSA visors for welding, elevated temperature applications, or for protection against other infrared radiation sources unless the MSA visor is approved for such applications. Do not use for sports, simulated war games, paintball games, or similar activities. A pitted or scratched visor reduces eye protection and vision. Inspect routinely and replace worn or damaged parts immediately. Do not alter or modify this product. Do not use near open flame. Failure to follow these warnings can result in permanent impairment of sight, other serious personal injury, or death.

## MSA Visors

### Polycarbonate Visors

Color	Size (inches)	Part No.
Clear (Molded)	10 x 20 x .060	10063106
Clear (Formed)	8 x 16 x .040	488131
Clear (Formed)	8 x 16 x .060	488132
Clear (Flat)	8 x 15½ x .040	10017934*
Clear (Formed)	8 x 19 x .060	488138
Clear (Formed)	6 x 16 x .060	491908
Clear (Fog-free)	8 x 16 x .040	802337

### Propionate Visors

Color	Size (inches)	Part No.
Clear	8 x 15½ x .060	10005883*
Dark Green	8 x 15½ x .060	10005885
Shade 5 (green) – basic Z87.1	8 x 15½ x .060	10005882

### Nitrometer Visors and Chinguards

#### Visors

Color	Size (inches)	Part No.
Clear polycarbonate	6 x 16 x .040	488126
Clear polycarbonate (fog free)	8 x 19 x .060	494916

#### Chinguards for Nitrometer Visor

Color	Part No.
Clear polycarbonate	10022241
Black polypropylene	10022242

### Other Nitrometer Visors and Chinguards

Color	Size (inches)	Part No.
Shade #5, green, propionate – basic Z87.1 (must be worn with chinguard)	6 x 16 x .060	10005881
Chinguard, polycarbonate (for use only with visor P/N 10005881)		10013631

### Wire Screen Visors (Basic Z87.1)

Color	Size (inches)	Part No.
Plastic edge, 20 mesh (not for use in elevated temperatures)	6½ x 14	476356
Aluminum edge, 20 mesh	8 x 17½	457409

### Arc Shield Visor For protection from electric arcing. Call for protection level. Meets ANSI Z87 and NFPA 70E, Class 2.

Color	Material	Size (inches)	Part No.
Tinted (light green/brown) – HIGH IMPACT, 10 Cal	propionate	10 x 20 x .060	10006024
Tinted (light green/brown) complete with chinguard, 14 Cal – basic Z87.1	propionate	6 x 20 x .060	10063107

### Elevated-Temperature Visors

Color	Coating	Material	Size (inches)	Part No.
Clear	gold	polycarbonate	9½ x 20 x .070	10005879
Medium green tint	gold	polycarbonate	9½ x 20 x .070	10005880

\*Meets CSA Z94.3.

# Head, Eye, Face and Hearing Protection

## Cap and Hat Accessories

### Hearing Protection—Sound Control™ Cap and Hat Models

EXC cap model    HPE cap model    XLS cap model    Soprano Muff for hats



Sound Control Cap Models are designed for easy attachment to slotted MSA Caps and help to reduce the effects of excessive noise. **HPE, EXC, XLS Noise Reduction Rating may vary depending on MSA helmet used.**

### Sound Control Cap and Hat Models

#### For use with Slotted Caps Only

HPE cap model complete with brackets	10061272
EXC cap model complete with brackets	10061230
XLS cap model, complete with brackets	10061535

#### For use with Non-Slotted Caps Only (Comfo/Skullgard Caps)

Sound Blocker 26 cap model (NRR 26)	10022021
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#### For use with all Full-Brimmed Hats

Soprano Muff Kit for Full Hats (NRR 25)	10034487
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#### For use with Defender + Faceshield Frame

Sound Blocker 26 cap model (NRR 26)	10026398
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## Helmet Lights and Slot Adapters



Stealthlite & Light Holder for Slotted Caps



VersaBrite II Light

MSA offers three helmet lights that fit into our special cap or hat adapters. All of the lights are FM and CSA-approved for intrinsic safety, and are non-incendive.

### Helmet Lights and Slot Adapters

VersaLite Helmet Light with 2 AA alkaline batteries	697259
Stealthlite Helmet Light (batteries not included)	697261
VersaBrite II Helmet Light with 2 AA alkaline batteries	697417
Light holder for slotted Cap—no metal parts	814322
Light holder for non-slotted Hat—May reduce the dielectric properties when bracket is attached.	814323
<b>Helmet Light Replacement Parts</b>	
Standard lamp module for the Versalite	697357
Standard lamp module for the Stealthlite	697356
Hi-Performance lamp module for the VersaBrite II	697418

## Sun Shields



V-Gard Sun Shield



Topgard Sun Shield

Sun Shield extends the brim all the way around to help protect wearer's ears and neck from sun's rays. Made of polyurethane (front portion is Lexan, smoke tint).

### Sun Shields

#### Sun Shields for V-Gard Caps and Hats

Sun Shield for Standard V-Gard Cap only	697290
Sun Shield for V-Gard Hat only	697410

#### Sun Shield for Advance Cap

Sun Shield for Advance Caps only	10039114
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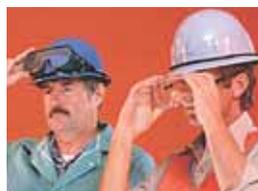
#### Sun Shields for Topgard Caps and Hats

Sun Shield for Topgard Cap only	697373
Sun Shield for Topgard Hat only	697410

#### Sun Shields for Vanguard II Caps

Designed for Vanguard II only	10005886
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## Goggle Retainers



MSA's Goggle Retainers are designed for applications where goggles must be worn with helmets. The non-metallic retainer can be worn on most MSA protective headwear meeting ANSI Z89.1 requirements without changing the headwear's dielectric qualifications (protection against electric shock) as long as goggle used is dielectric.

## Chinstraps



## Custom Terri-Band Sweatband



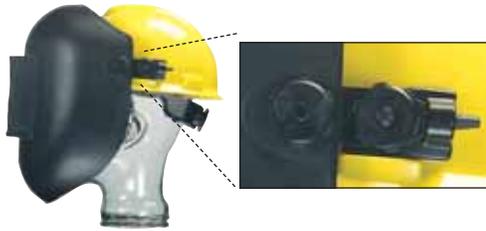
Custom design fits all MSA helmets. Washable and has plastic snaps.

### Other Cap and Hat Accessories

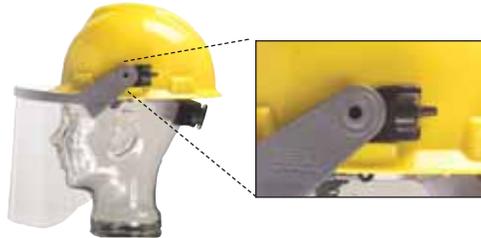
Custom Terri-Band Sweatband (single)	10068911
Custom Terri-Band Sweatband (pkg of 10)	696688
Goggle Retainer for protective caps, less goggles	459458
Goggle Retainer for protective hats, less goggles	449895
Chinstrap, plastic (attaches to the shell)	88128
Chinstrap, elastic (attaches to the suspension)	81391
Two-point chinstrap (for Vanguard II only)	804630
Three-point chinstrap (for Vanguard II only)	804629
Hard hat rack for back of car seat	696389

# Head, Eye, Face and Hearing Protection

## Adapter Kits for Welding Shields and Defender® + (Plus) Assembly



Plastic Instant-Release for Welding Helmet



Defender + Faceshield Frame with Instant-Release

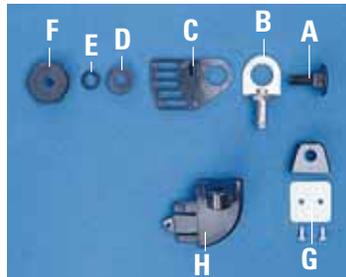
Kits permit the easy attachment of Welding Shields and SparkGard Faceshields with visors to MSA's helmets.



EC Adapter (left) and Sparkgard (right)—use plastic or metal Instant-Release with Sparkgard

Metal Instant-Release Attachment

Welding Adapter Kits	
Standard Adapter for Welding Helmets and Sparkgards	488525
EC Adapter Kit (positive positioning type)	806211
Sparkgard only	456568
Plastic Instant-Release Attachment*	
Instant-Release and lugs for slotted caps	10036456
Instant-Release, less lugs, for slotted caps	10039111
*Note: Cannot be used on Vented Advance Caps.	
Defender+ Frame with Instant-Release Attachment	
Defender + frame for slotted cap, without lock-down	10037098
Metal Instant-Release Attachment	
Instant-Release and lugs for slotted caps (A, B, C, D, E, F, H)	485460
Lugs only, for instant-release slotted caps (H)	468771
Instant-Release and lugs for non-slotted caps, with stop (A, B, C, D, E, F, G)	91385
Lugs only, for instant-release non-slotted caps (G)	48733
Instant-release, less lugs, with stop (A, B, C, D, E, F)	456667
Friction joints, pair (A, D, E, F)	93631



Instant-Release Attachment

## Welding Shields, Goggles and Accessories

MSA's thermal plastic welding shields protect a worker's eyes and face from infrared burns, flying sparks, hot metal spatter and chips encountered in welding operations. The nylon welding shields come in a variety of styles. When protection from overhead hazards is required.

For shade 5 welding visors, see p. 120.

For shade 5 welding spectacles, see p. 128.



Sightgard Welding Plates		
Polycarbonate Plates		
Meet ANSI Z87.1 2003 (high impact).		
Plate Size (in.)	Shade	Part No.
2 x 4 <sup>1</sup> / <sub>4</sub>	5	791923
2 x 4 <sup>1</sup> / <sub>4</sub>	10	791928
2 x 4 <sup>1</sup> / <sub>4</sub>	12	791930
4 <sup>1</sup> / <sub>2</sub> x 5 <sup>1</sup> / <sub>4</sub>	10	38347
4 <sup>1</sup> / <sub>2</sub> x 5 <sup>1</sup> / <sub>4</sub>	12	38277
Polycarbonate Cover/Back Plates		
Plate Size (in.)	Shade	Part No.
2 x 4 <sup>1</sup> / <sub>4</sub>	clear	791933
4 <sup>1</sup> / <sub>2</sub> x 5 <sup>1</sup> / <sub>4</sub>	clear	696095

Welding Shields—Fronts Only	
Less headgear and attachments.	
Plate Size 2" x 4 <sup>1</sup> / <sub>4</sub> "	Part No.
Non-coated black, slim-line, lift front	695943
Non-coated black, full-curved, lift front	695946
Coated silver, slim-line, lift front	695890
Coated silver, slim-line, coated lift front	695941
Coated silver, full-curved, lift front	695889
Plate Size 4 <sup>1</sup> / <sub>2</sub> " x 5 <sup>1</sup> / <sub>4</sub> "	Part No.
Coated silver, slim-line, fixed front	695888

# Head, Eye, Face and Hearing Protection

## ClearCommand® HCS Helmet Communication System

For ordering information, see p. 55.

The Helmet Communication System from MSA is a state-of-the-art radio interface device which significantly improves the user's ability to receive and send messages even in loud ambient-noise environments. It goes wherever you go. The system consists of a helmet-mounted microphone and ear speaker assembly that weighs 5.3 ounces and easily snaps onto the user's industrial-style helmet's ratchet suspension.

### Features and Benefits

- Easily snaps onto the ratchet suspension of industrial-style helmets. The unit can be easily transferred to other users, and no tools are required for removal.
- The bone-conduction microphone is made of soft silicone material, which makes it comfortable to wear, with no pressure points.
- The helmet microphone assembly can be reversed on the helmet suspension to position the ear speaker on either ear.
- The helmet mic system, when used with the lapel mic or PTT, is powered by the battery from the radio. No need to replace or re-charge dry cells.



## Winter Liners



Regular Zero Hood Liner

Extended Zero Hood Liner

Flame-retardant Zero Hood Liner

Flame-resistant Zero Hood Liner, Velcro Closure

Zipper-type Zero Hood Liner

Knit Cap Liner

Stretch Winter Liner

Economy Liner

Extended-Neck Liner

Standard Winter Liner

Extra-Warm Quilted Fleece Liner

### Standard Winter Liners

#### Regular One-piece, two-ply Zero Hood® Liner

Standard—Velcro adjustable chinstrap and no metal parts	86092
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#### Extended-neck Zero Hood Liner

One-piece, two-ply winter liner; extended neck tucks into coat or jacket collar; nonmetallic Velcro-adjustable chinstrap	88587
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#### Flame-retardant Zero Hood Liner

Standard—For use in high-heat areas or around flames; durable flame-retardant cotton with Nomex binding and chinstrap; does not contain any metal parts. Meets Fed Spec #191 Method 5903	802439
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#### Flame-resistant two-piece Velcro closure Zero Hood Liner

No metal parts; the two pieces are joined by non-metallic Velcro closures; knit ear lugs with Velcro closure	696473
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#### Zipper-type Zero Hood Liner with knit lugs to fit over ear muffs

Two-button front, ribbed-knit neckpiece attaches by metal zipper to crown-piece; knit ear lugs will fit over noise-attenuating ear muffs. [Caution: Liners that contain metal parts will have an effect on electric classifications.]	10087241*
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\*NEW part number  
SAME great product

#### Knit Cap Liner

No chinstrap or other attachment; made of Orlon material [Caution: Should not be used around open flames, sparks or molten metal.]	34929
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#### Stretch Winter Liner

Mounts over the brim of a hard hat but can be adjusted to cover the neck and ears; made of Orlon material. [Caution: Should not be used around open flames, sparks or molten metal.]	695350
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### EC Winter Liners

#### Economy Liner

Flame-retardant shell w/soft-napped interior; adjustable Velcro chinstrap; and three-button loop straps	697116
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#### Standard Winter Liner

Universal size. Two-ply liner w/flame-retardant shell; soft lining; adjustable Velcro chinstrap; and three-button loop straps	697117
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#### Extended-Neck Liner

Extended-neck; two-ply liner w/flame-retardant shell; soft lining; adjustable Velcro chinstrap; and three-button loop straps	697118
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#### Extra Warm Quilted Fleece Liner

Green nylon tricot shell; quilted w/foam; soft fleece lining	697119
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\*P/N 10087241 replaces P/N 455930.

# Head, Eye, Face and Hearing Protection

## Sightgard® Single Lens Goggles

### Softframe Single Lens Goggles



Softframe Perforated Single Lens Goggles



Softframe 4-Vent Single Lens Goggles

Softframe Goggles effectively fit most facial contours. Large, one-piece, .060-inch-thick polycarbonate lens provides wide, undistorted field of vision. Optional Anti-Fog Coated Lenses are available for work involving high humidity, temperature changes or greater worker exertion. The scratch-resistant coating is unaffected by most organic solvents, ammoniacal and alkaline detergents.

#### Approvals

Softframe, Clearvue, Respirator, and Rubber Frame Goggles by MSA meet all applicable requirements of ANSI Z87.1-2003—high impact (except Wire Screen Goggles).

#### Goggle Retainers



Sturdy neoprene-rubber accessory can be used with any protective cap or hat. Retains goggle on headwear when not in use and holds goggle securely when worn for eye protection.

### Sightgard Single Lens Goggles

Type	Frame Color	Frame Style	Lens Type	Headband	P/N	Z87
Softframe	Clear	Perforated	Standard	Elastic	695847	High Impact
Softframe	Clear	Perforated	Anti-Fog	Elastic	695850	High Impact
Softframe	Clear	4-Vent	Standard	Elastic	695848	High Impact
Softframe	Clear	4-Vent	Anti-Fog	Elastic	695851	High Impact
Softframe	Clear	Nonvented	Anti-Fog	Elastic	695852	High Impact
Wire Screen	N/A	Nonvented	Wire	Elastic	695932	Basic
Respirator	Clear	4-Vent	Anti-Fog	Elastic	461027	High Impact
Rubber Frame	Clear	4-Vent	Acetate Standard	Rubber	791072	High Impact
Clearvue 200*	Clear	Indirect Vent	Anti-Fog	Elastic	696776	High Impact

### Goggle Retainers

Goggle Retainer only, for Protective Caps	459458
Goggle Retainer only, for Protective Hats	449895

\*Meets CSA Z94.3.

### Respirator Goggles



Softframe 4-vent Respirator Goggles by MSA are specially constructed to wear with MSA respirators and have a .060-inch-thick anti-fog clear lens.

### Clearvue® 200 Goggles



These goggles feature an integrated-frame design and a flexible, rolled-in cushion at the temples which provides comfort without tension or pressure points.

### Wire-Screen Goggles



Wire Screen Goggles feature a clear nonvented frame, wire lens, and elastic headband.

### Rubber Frame Goggles



For use where fine dust in high-velocity concentration is a problem and where minor impact hazards exist.

# Head, Eye, Face and Hearing Protection

## The Sightgard® Line of Protective Eyewear

Sightgard Industrial Protective Eyewear is designed for protection against impact hazards and/or flying particles, dust, sparks, and glare. Sightgard Industrial Protective Eyewear provides excellent side- and front-impact protection while still being comfortable to wear. For more information, see Bulletin 0305-22-MC.

### Approvals

All Sightgard Industrial Protective Eyewear meets ANSI Z87.1 – high impact. Selected eyewear meets CSA Z94.3 (indicated by \*).

### Easy-Flex™ Protective Eyewear

*Flex for a Comfortable Fit*

- 99% UV protection
- Polycarbonate lenses for high-impact protection
- Temples and frame flex to fit a wide variety of faces
- Hard-coated lenses
- A choice of clear, gray, amber, “180 blue” mirror and “sky orange” mirror lenses



#### Easy-Flex Protective Eyewear

Easy-Flex, clear lens, blue-gray frame	10070917
Easy-Flex, gray lens, blue-gray frame	10070918
Easy-Flex, amber lens, blue-gray frame	10070919
Easy-Flex, “180 blue” mirror lens, blue-gray frame	10070920
Easy-Flex, “sky orange” mirror lens, metallic sand frame	10070921

### Pyrenees™ Protective Eyewear

- Dual injection soft tip temples
- Available in several frame and lens colors
- Full side protection
- Meets Z87+ and CSA Z94.3.



#### Pyrenees Protective Eyewear

Pyrenees, black frame, clear lens*	10033716
Pyrenees, black frame, gray lens*	10033717
Pyrenees, black frame, amber lens, AF*	10033740
Pyrenees, black frame, clear lens AF*	10033718
Pyrenees, black frame, gray lens, AF*	10033719

\*Meets CSA Z94.3.

### Arctic™ Elite Protective Eyewear

- Soft tip temples
- Padded nose bridge
- Lightweight
- A notch above the standard Arctics



#### Arctic Elite Protective Eyewear

Arctic Elite, clear, AF	10038845
Arctic Elite, gray, AF	10038846
Arctic Elite, light gold indoor/outdoor lens	10059671

# Head, Eye, Face and Hearing Protection

## Aurora™ Protective Eyewear

- 9-base curved lens
- Spring-comfort adjustable nose bridge
- Soft-end temples
- Vertical temple adjustment
- Anti-fog replaceable lens (blue mirror, hard coat lens only)



Back by popular demand!

### Aurora Protective Eyewear

With black frame.	
Clear anti-fog lens	10026005
Gray anti-fog lens	10026006
Amber anti-fog lens	10026007
Blue mirror anti-fog lens	10026008
Clear lens in deluxe eyewear pouch with spare Gray and Amber lens, cleaning cloth—Fire Service logo on lens and pouch	10034931

## MAG™ Series Protective Eyewear

### Magnification Built Right In

- Full side protection
- Duel-injected soft tip temples
- A choice of three bifocal powers: 1.5, 2.0 and 2.5
- Polycarbonate lens for high impact and 99.9 UV protection
- Ergonomic temples for better fit and comfort



### MAG Series Protective Eyewear

Mag 1.5 Clear lens, black frame and diopter strength of 1.5*	10068832
Mag 2.0 Clear lens, black frame and diopter strength of 2.0*	10065847
Mag 2.5 Clear lens, black frame and diopter strength of 2.5*	10068833

\*Meets CSA Z94.3.

## Voyager™ Protective Eyewear

- Full protection at a great price
- One-piece wrap around polycarbonate lens
- 99% UV protection
- Anti-fog lenses available
- Wide field of vision
- A choice of clear, gray and indoor/outdoor mirrored lenses



### Voyager Protective Eyewear

Voyager, clear lens*	10065848
Voyager, clear anti-fog lens*	10065849
Voyager, gray lens (UV 400 lens)*	10065850
Voyager, gray lens anti-fog (UV 400 lens)*	10065851
Voyager, indoor/outdoor mirrored lens*	10065892

\*Meets CSA Z94.3.

## Arctic™ Protective Eyewear

- Stylish cat's eye look
- Built-in side impact
- Tuff-Stuff™ anti-scratch lens coating
- Available with clear protection or gray-tinted lens/frame



### Arctic Protective Eyewear

Arctic, clear lens	697514
Arctic, gray lens	697515
Arctic, blue-mirrored lens	10008179

# Head, Eye, Face and Hearing Protection

## Vista™ Protective Eyewear

- 99% UV protection
- Polycarbonate lens for high impact protection
- Full protection at a great price
- One-piece lens
- Choice of clear, gray and indoor/outdoor lenses



### Vista Protective Eyewear

Vista, clear lens, metal gray temple	10070914
Vista, gray lens, metal gray temple	10070915
Vista, Indoor/Outdoor mirrored lens, brown copper temple	10070916

## Alpine™ Protective Eyewear

- Lightweight
- 8 base curved lens
- Comfortable to wear
- Available in clear, gray, amber and indoor/outdoor lenses
- Anti-fog lens available



### Alpine Protective Eyewear

Alpine, clear lens	10041818
Alpine, clear A/F	10041819
Alpine, gray lens	10041820
Alpine, light gold indoor/outdoor lens	10041823

## Sierra™ Protective Eyewear

- Full eye protection
- Anti-fog lens (on some models)
- Tuff-Stuff™ scratch-resistant lens coating
- Teal green, black, blue or red/white/blue nylon frame
- Meets Z87+ and CSA Z94.3.
- Integrated side shields
- Vented brow guard
- Adjustable temples
- Clear, gray, indoor/outdoor light gold mirror, or amber lens available



### Sierra Protective Eyewear

Sierra, teal frame, clear anti-fog lens*	697505
Sierra, black frame, clear lens*	697550
Sierra, black frame, clear anti-fog lens*	10018662
Sierra, black frame, gray lens*	10010570
Sierra, black frame, gray anti-fog lens	10010572
Sierra, blue frame, clear lens	10023610
Sierra, blue frame, amber lens	10023611
Sierra, red/white/blue frame, clear lens	10012842
Sierra, red/white/blue frame, clear anti-fog lens	10012843

### Sierra™ Small Faces Protective Eyewear

- Suitable for small adult faces and for children
- Tuff-Stuff™ anti-scratch lens coating
- Adjustable temples
- High optical quality



### Sierra Small Faces Protective Eyewear

Sierra, small faces, clear lens	10018440
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\*Meets CSA Z94.3.

## Rx Overglasses

- Horizontal and vertical adjustable temples
- Limited lens curvature for the best optics
- Tuff-Stuff™ anti-scratch lens coating
- Fit over most prescription eyewear



### Rx Overglasses

Rx Overglasses, blue frame w/gray anti-fog lens	10012855
Rx Overglasses, clear anti-fog lens	10008175

# Head, Eye, Face and Hearing Protection

## Plant Visitor Protective Eyewear

- Fit over many prescription glasses
- Most economical model
- Integrated side shields
- Clear lens
- Boxes of 10 in dispenser-style container or bulk pack of 144
- Meets Z87+ and CSA Z94.3.



### Plant Visitor Protective Eyewear

Plant Visitor, clear lens, box of 10*	697500
Plant Visitor, clear, bulk box of 144*	10008174

\*Meets CSA Z94.3.

## Clearview™ Protective Eyewear

- Fit over many prescription glasses
- Integrated side shields
- Clear or Shade 5 lens (Shade 5 lens designed for welding and brazing applications where Shade 5 protection is recommended)
- Same as Plant Visitor specs except with Tuff-Stuff™ anti-scratch lens coating



### Clearview Protective Eyewear

Clearview, clear lens	697502
Clearview, black temples, shade #5 lens	10012847

## Luxor™ Protective Eyewear

- Tuff-Stuff™ scratch-resistant lens
- Black temples
- Soft nose pads
- Clear or gray-tinted lens
- One-piece wrap protection
- Adjustable temples
- Frameless design



### Luxor Protective Eyewear

Luxor, clear lens	697516
Luxor, gray lens	697517

## Impression™ II Protective Eyewear

- Vertical and horizontal temple adjustments
- Extended cheek and brow protection
- Platinum colored temples
- Gray and clear anti-fog lens



### Impression II Protective Eyewear

Impression, clear anti-fog lens	10008177
Impression, gray anti-fog lens	10008178

## Tradewind™ Protective Eyewear

- Indoor-outdoor light gold or clear lens
- Tuff-Stuff™ scratch-resistant lens coating
- Adjustable temples and integrated side shields
- Brow protection
- UV-400 protection (mirrored lens only)



### Tradewind Protective Eyewear

Tradewind, 2-tone temple, light gold lens	697506
Tradewind, all black temples, clear lens	10002545

# Head, Eye, Face and Hearing Protection

## MSA Sports Logo Safety Glasses

**New!**

### Officially Licensed NFL Safety Glasses

- Employees can support their favorite team while wearing the needed protection
- Aurora® anti-fog, scratch-resistant lens for improved vision
- Rubber-tipped ratcheting temples for a comfortable custom fit
- Available in clear and gray lenses
- Meets or exceeds ANSI Z87.1 requirements for high impact standards



### MSA Sports Logo Safety Glasses

The eight teams listed below are stocked. Other teams may be special ordered. Contact your MSA Safety Products Distributor for more information.

Team	Clear Lens	Gray Lens
Chicago Bears	10079147	10079246
Dallas Cowboys	10079150	10079249
Green Bay Packers	10079163	10079252
Miami Dolphins	10079168	10079257
New England Patriots	10079170	10079259
New York Giants	10079172	10079261
Oakland Raiders	10079174	10079263
Pittsburgh Steelers	10079176	10079265

## Eye and Face Protection Accessories

### Eyewear Lanyards

- Holds eyewear securely
- Use to rest eyewear on chest when not in use
- Standard model clips into holes in eyewear temple ends
- Deluxe model goes over temple ends



Top: Deluxe Lanyard  
Bottom: Standard Lanyard

### Eyewear Cleaning Accessories



### Protective Eyewear Pouch

- Black nylon spectacle case fits MSA protective eyewear
- Nylon webbing belt loops allow for convenient storage
- Easy hook-and-loop fastener



### Eye & Face Protection Accessories

Standard Eyewear Lanyard, black (pk/12)	10020872
Deluxe Eyewear Lanyard, black (pk/12)	10020871
Pre-Moistened Towelettes (box of 100)	10022087
4 oz. Fogpruf™ Cleaner Refill	13016
Deluxe Eyewear Pouch, black	10034943

### Eyewear Display Unit



- Revolving
- High-quality ball-bearing design
- Holds 24 pairs of eyewear
- Includes mirror and promotion holder

### Eyewear Display Unit

Revolving Eyewear Display Unit, less glasses	697518
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# Head, Eye, Face and Hearing Protection



## Passive Hearing Protection

Guarding workers against the daily hazards of noise is of paramount concern in countless industries. The challenge is to balance personal attenuation devices with comfort. A worker who takes off hearing protection to rub sore ears is a worker at risk. MSA provides a wide selection of hearing protection designed for the most demanding applications, offers protection with a variety of Noise Reduction Ratings, and does it with the benefits of style and comfort. Noise Reduction Rating (NRR) is third-party certified in accordance with ANSI S3.19-1974, EN352 and meets CSA Class A. Cap Model Noise Reduction Ratings listed below are for medium V-Gard helmets only. Noise Reduction Ratings and Attenuation Values for MSA Topgard, Advance, Thermalgard, Vanguard II, Wildland T and Super-V slotted helmets may vary. Contact MSA for more information.

Passive Hearing Protection	
HPE—headband model	10061271
HPE—for slotted caps	10061272
Hygiene Kit for HPE, complete with cushions and inserts	10061291
EXC—headband model	10061229
EXC—for slotted caps	10061230
Hygiene Kit for EXC, complete with cushions and inserts	10061292
XLS—for slotted caps	10061535
Hygiene Kit for XLS, complete with cushions and inserts	10061537

### HPE Muff (NRR – 26dB) HPE Cap Model (NRR – 27dB)

Designed specifically for very high noise levels, the powerful Muff/Cap Model is ideal for airfields, power plants and other areas with intense noise. The HPE Muff/Cap Model provides the highest-rated protection available for low-frequency environments. A padded headband and super-soft ear cushions guarantee all-day comfort while ensuring full-time protection.



### EXC Muff (NRR – 24dB) EXC Cap Model (NRR – 25dB)

The ear muff is so comfortable that you always want to wear it. Unique injection molded inserts provide excellent attenuation and maximum space for the ears inside the cap. Headband model offers force adjustment for individual fit. The helmet-mounted version has a spring design that offers low pressure tension and a high level of comfort.



### XLS Cap Model (NRR – 23dB)

Designed to fit comfortably under safety hardhats and faceshields, it features easy-to-remove ear cushions for quick cleaning and replacement. The XLS Muff offers aggressive protection in low-moderate noise environments.



## Soprano™ Muff (NRR-25dB) for Hats

Designed to fit all full brim hats, the Soprano Muff provides high-level hearing protection. (The Muff reduces helmet class to **Class "C"**.)



## Economuff™ Line

### Economuff Earmuff (NRR – 20dB)

The Economuff Earmuff comes with the features you expect from MSA hearing protection. Comfortable ear pads ensure all-day wearing without fatigue, and the durable design provides protection in tough, dirty environments. Lightweight at just 8.0 ounces.



### Economuff Multi-Position Earmuff Over-the-Head (NRR – 24dB)

### Behind-the-Head and Under-the-Chin (NRR – 23dB)

The Economuff Multi-Position Earmuff comes with comfortable ear pads and padded headband to ensure all-day wearing without fatigue, and the durable design provides protection in tough, dirty environments.

- Extremely lightweight
- Multi-position (over head/ under chin/behind head)
- Includes crown strap



### Comfort Band™ Hearing Protector (NRR – 23dB)

Designed to be worn under the chin, the MSA Comfort Band Hearing Protector is made with soft, easily cleanable pods and a durable plastic neck band. While not in use, the Comfort Band Hearing Protector can be left resting around your neck.



## Sound Blocker™ 26 Hearing Protection (NRR – 26dB)

Designed for high noise areas such as industrial plants and construction sites, the Sound Blocker 26 comes in two models, one for use with the Defender faceshield frame and a non-slotted cap model.



## Soprano Muff

Soprano Muff Kit for Full Hats (NRR 25)	10034487
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## Economuff Line

Economuff Earmuff	10004291
Economuff Multi-Position Earmuff	10061273
Comfort Band, each (must order in multiples of 20)	10003344

## Sound Blocker Cap Model

Sound Blocker 26 cap model (for Defender Faceshield Frame)	10026398
Sound Blocker 26 cap model* (for non-slotted caps)	10022021

## Reusable Ear Plugs

Tri-Seal Reusable Silicone Ear Plugs (corded) Dispenser box (suitable for wall hanging) of 100 individ. packaged pairs	10005607
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## Disposable Ear Plugs

### Round Ear Plugs (NRR – 29dB)

FormFit Disposable Urethane Foam Ear Plugs (non-corded) Dispenser Box of 200 individually packaged pairs	10009333
FormFit Disposable Urethane Foam Ear Plugs (corded) Dispenser Box of 200 individually packaged pairs	10009332

### Conical-Shaped Ear Plugs (NRR – 31dB)

FormFit Disposable Molded Urethane Foam Ear Plugs (non-corded) Dispenser Box of 200 individually packaged pairs	10051348
FormFit Disposable Molded Urethane Foam Ear Plugs (corded) Dispenser Box of 200 individually packaged pairs	10051347

\* Tested on Comfo and Skullgard Helmets.

## Reusable Ear Plugs

### Tri-Seal™ Reusable Silicone Ear Plugs (NRR – 25dB)

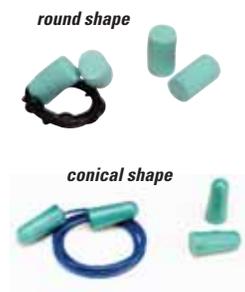
Ruggedly designed, made of soft, comfortable silicone, these reusable ear plugs are easy to insert in the ear and economical. They offer protection comparable to many MSA earmuffs. Tri-Seal corded plugs are available in dispenser boxes of 100 individually packaged pairs.



## Disposable Ear Plugs

### FormFit™ Disposable Foam Ear Plugs

For users who prefer to dispose of their plugs after each use, the FormFit plug is the answer. Easy to use and affordable, FormFit ear plugs offer very aggressive noise reduction while being very comfortable to wear. Available in corded and uncorded versions, in dispenser boxes of 200 pair.



# Head, Eye, Face and Hearing Protection

## Electronic Hearing Protection

Guarding people against the daily hazards of noise is of paramount concern in countless industries. The challenge is to balance personal attenuation devices with comfort and the ability of communication and listening to music, so that workers will wear their hearing protectors all the time. With over 40 years of experience, MSA now offers a new wide range of hearing protectors with built-in electronics—from basic functions to high-specification communication devices. You have the choice between headband and helmet-mounted versions. All products are comfortable hearing protectors, designed to prevent you from feeling isolated, thereby encouraging you to use them and so protecting your hearing for the rest of your life. Noise Reduction Rating (NRR) is third-party certified in accordance with ANSI S3.19-1974 and EN352-3. Also meets CSA Z94.2.

### Basic and Pro Line

The line features standard and advanced electronics with a very good price-to-performance ratio. Built-in features, such as FM and CutOff are optional.



*CutOff Slotted Cap Model on Advance Cap*



*ListenOnly Basic Headband Model*

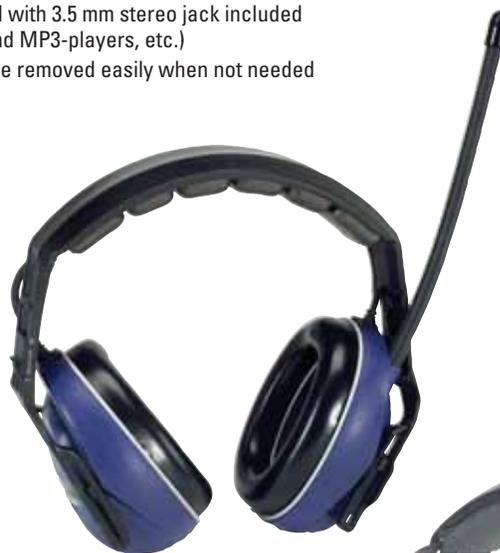
#### ListenOnly Basic Headband Model (NRR – 24dB) ListenOnly Basic Slotted Cap Model (NRR – 22dB)

- External connection to CD, MP3-player or scanner
- Connection lead with 3.5 mm stereo jack included (fits most CD and MP3-players, etc.)
  - The cable can be removed easily when not needed

*FM Pro Headband Model*

#### FM Pro Headband Model (NRR – 24dB) FM Pro Slotted Cap Model (NRR – 22dB)

- Built-in radio receiver—stereo
- Scan stations automatically
  - Memory for last selected station and volume
  - Automatically switches off to save batteries
  - Battery life of 120–140 hours



*CutOff Pro Headband Model*



#### CutOff Pro Headband Model (NRR – 24dB) CutOff Pro Slotted Cap Model (NRR – 22dB)

- Built-in level dependent function protects without your feeling isolated
- Lets through speech and other harmless sounds while protecting you from harmful noise
  - Battery life of 1000 hours
  - Amplification of weak sounds
  - Auxilliary input for connection of external devices

### Electronic Hearing Protection

	ListenOnly Basic	FM Pro	CutOff Pro
Headband model	10061275	10061280	10061278
Slotted cap model*	10061277	10061281	10061279
Hygiene Kit	10061536	10061293	10061293
Sound quality	mono	stereo	stereo
Volume memory		—	—
Battery save function		—	—
Battery life (approx. hours)		120–140	300

#### Downloads for Basic and Pro Line

3.5 mm Stereo Plug	10061538
3.5 mm Mono Plug	10061539
2.5 mm Mono Plug	10061540
Hands Free, 2.5 mm Stereo Plug	10062072

\* fits V-Gard, Advance, Topgard & Thermalgard slotted caps

# Head, Eye, Face and Hearing Protection

## Protection and communication with the Connect by Cable Series

**Effective noise attenuation and amplification at the same time**

### Connect By Cable

A comfortable hearing protector equipped with a hard-wired lead (3.5 mm) and boom microphone.

- The standard Connect by Cable model comes with a hard-wired cable for connection to an MSA Push-To-Talk, or lapel microphone (No noise cancelling)
- Noise-cancelling boom microphone permits two-way communication with minimal interference from background noise
- Headband version comes with padded headband with adjustable pressure
- Muffs come with a hard-wired 3.5 mm cable adapter
- All MSA Helmet Communication System adapters will work with these muffs



Connect-by-Cable  
Cap Model



Connect-by-Cable Earmuffs

### Connect By Cable

Connect by Cable headband model (NRR – 25dB)	10064515
Connect by Cable slotted cap model (NRR – 23dB)	10064516
Hygiene Kit	10061293

### Supreme Pro™ Muff

Our top model. Provides optimum protection with high amplification, AUX input and watertight battery compartment. Both earmuffs are shaped to suit both right-handed and left-handed shots.

- Two separate, well-shielded microphones for optimum stereo effect and location of sound direction
- High amplification and natural sound reproduction without “chopping”
- Around 600 hours battery life with two standard AAA batteries
- AUX input for connecting external audio sources, such as a radio. Lead with 3.5 mm mono jack plug included



### Supreme Pro

Supreme Pro headband model (NRR – 18dB)	10061285
Supreme Pro neckband model (NRR – 19dB)	10079966
Hygiene Kit	10061294

### Supreme Pro-X Muff

Our top model just got better with high amplification, AUX input, and fully waterproof microphones and battery compartments. Slim design cups for both right-handed and left-handed shooters.

- Two separate, waterproof microphones with excellent sound quality and perfect directional hearing
- Removable headband made with exclusive functional material
- High amplification and a natural realistic sound
- 600 hours battery life with two each standard AAA batteries
- AUX-inlet (3, 5mm for hunting radio, dog tracking devices, CD players)
- Monocable included
- Tested to IP 67
- 5-year warranty on electronics

**New!**



Supreme Pro-X  
neckband model

### Supreme Pro

Supreme Pro-X headband model (NRR – 18dB)	10082167
Supreme Pro-X neckband model (NRR – 19dB)	10082166