

# V-Gard® Protective Caps and Hats



Head protection consisting of a polyethylene shell and suspension system

- Polyethylene shell and your choice of suspension system
- Available in either cap or hat style
- Available in three sizes: small (6-7¼), standard (6½ - 8), and large (7 - 8½)

MSA V-Gard caps and hats meet or exceed all applicable requirements for a Type I (top impact) helmet 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. Contact your local MSA distributor for additional information.



**⚠ 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.

## Complete Assemblies

Color	Small V-Gard Slotted Cap		Standard V-Gard Slotted Cap				Large V-Gard Slotted Cap		Non-slotted V-Gard Hat		
	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	•	475361	10004767	•	See Note	454734	•	496075
Red	•	•	463947	•	475363	10004763	•	See Note	454736	•	475371
Green	•	•	463946	•	475362	10004765	•	See Note	454735	•	475370
Gray (navy)	•	•	463948	•	475364	10004766	•	See Note	454731	•	475367
Hi-Viz Orange	•	489368	488148	•	488146	10004764	•	489364	489360	•	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	•	•	•	•	•	•
<b>Special V-Gard Assemblies**</b>											
White, w/L/B and C/H (Class C)	•	•	460018	•	•	•	•	•	460069	•	815009
White, w/American Flag	•	•	474159	•	•	•	•	•	•	•	•

White standard-size V-Gard Cap, w/Swing-Ratchet Suspension 10004689

Note: These colors are available as special material orders with a minimum quantity of 20 helmets per color.

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# Accessories for V-Gard® Caps and Hats

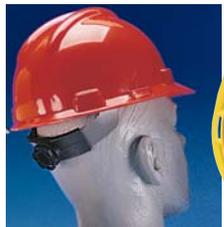
## Replacement Suspensions



Staz-On® Suspension System



1-Touch™ Suspension System



Fas-Trac® Suspension System

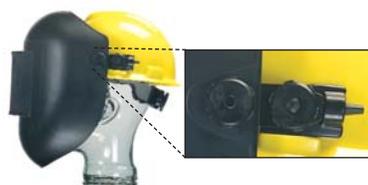


Swing-Ratchet Suspension System

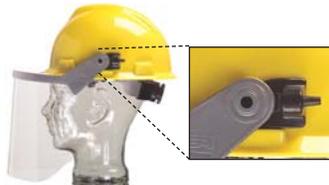
	Small (6–7½)	Standard (6½–8)	Large (7–8½)
Staz-On Suspension	467386	454230	492566
Fas-Trac Suspension	492567	473332	492568
<b>1-Touch Suspension</b>			
For standard size V-Gard Cap or Hat (6½–8)			10061123
<b>UniPro Suspension</b>			
For standard size V-Gard Cap or Hat (6½–8)			10004788
Replacement sweatbands, for Uni-Pro only, pkg. of 5			10004786
<b>Swing Ratchet Suspension</b>			
Swing ratchet for standard size V-Gard Cap or Hat (6½–7½)			816645

## Adapters and Plastic Instant Release Attachments for Welding Shields

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



Plastic Instant-Release for Welding Helmet



Defender + Faceshield Frame with Instant-Release

### Plastic Instant-Release Attachment

Instant-Release and lugs for slotted caps	10036456
Instant-Release, less lugs, for slotted caps	10039111

### Defender + Frame with Instant-Release Attachment

Defender + frame for slotted cap, without lock-down	10037098
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### Welding Kits

Standard Adapter for Welding Helmets and Sparkgards	488525
EC Adapter Kit (positive positioning type)	806211
Sparkgard only	456568

## Faceshield Frames and Muffs

All frames meet Z87.1-2003. All frames come without visors.



Defender + Frame (Above Left)

Defender + Frame, Sound Blocker 26 Muff Assembly (Above Right)

Universal Plastic Defender + Foldback Faceshield Frames (Middle Left: Cap P/N 10005383, Middle Right: Hat P/N 10016742)



Metal Defender + Foldback Faceshield Frames (Bottom Left: Cap P/N 488160, Bottom Right: Hat P/N 488159)

### Defender® + Faceshield Frame

- Front-drip-edge splash protection
- Unlimited number of lift stop positions
- Snap-in ear muff option
- Easy in, easy out visor replacement
- Optional Cap lockdown clip
- Meets Z87.1 2003

### Defender® + Universal Foldback Faceshield Frame

- Plastic (dielectric) or metal models
- Available in cap or hat models
- Use with slotted or non-slotted helmets

### Defender + Faceshield Frames

Defender + Faceshield Frame for V-Gard Caps with lockdown clip on brim	10021614
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Defender + Faceshield Frame for V-Gard Caps without lockdown clip	10021615
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### Ear Muff Accessories for Defender + Frame

Sound Blocker 26 (26 NRR) (includes clips)	10026398
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### Defender + Universal Foldback Frames (Plastic and Metal)

Plastic (Dielectric), for Cap	10016742
Plastic (Dielectric), for Hat	10005383
Metal, for Cap	488160
Metal, for Hat	488159

### Nitrometer Additions

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

## WARNING

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



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 (High Impact), except the wire screen visors, which meet the “basic” portion of Z87.

**⚠ 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.

Acetate Visors	Size (inches)	Part No.
Clear	8 x 16 x .040	488133
Clear	6 x 16 x .040	491909
Clear	8 x 16 x .060	488134
Clear	8 x 19 x .040	488139
Med. green tint	8 x 16 x .040	488135
Med. green tint	8 x 16 x .060	488136
Dark green tint	8 x 16 x .040	488137
Shade 5	8 x 16 x .060	805569

Polycarbonate Visors	Size (inches)	Part No.
Clear (Formed)	8 x 16 x .040	488131
Clear (Formed)	8 x 16 x .060	488132
Clear (Flat)	8 x 15V 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
Shade 5 (green) – available 4/1/05	8 x 15V x .060	call for P/N

Propionate Visors	Size (inches)	Part No.
Clear	8 x 15V x .060	10005883

**Nitrometer Visors and Chinguards**

Visors	Size (inches)	Part No.
Clear acetate	6 x 16 x .040	488127
Clear polycarbonate	6 x 16 x .040	488126
Medium green acetate	6 x 16 x .040	492220
Clear polycarbonate (fog free)	8 x 19 x .060	494916
Shade #5, green, acetate	6 x 16 x .060	817129

**Chinguards for Nitrometer Visors Listed Above**

Clear polycarbonate	10022241
Black polypropylene	10022242

Other Nitrometer Visor & Chinguard	Size (inches)	Part No.
Shade #5, green, propionate	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)	6V x 14	476356
Aluminum edge, 20 mesh (not for use in areas where splash may occur)	8 x 17V	457409

Arc Shield Visor	Size (inches)	Material	Part No.
Light green tint (for electrical arc protection)	10 x 20 x .060	propionate	10006024
Light green tint (for electrical arc protection) complete with chinguard – available 3/1/05	6 x 20 x .060	propionate	call for P/N

## ✓ Sound Control™ Cap Models

Hearing protection designed to fit your V-Gard Helmet.

EXC cap model

Defender+ Easy Release Frame



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, EN352 and meets CSA Class A.

### Hearing Protection—Sound Control Cap Models

HPE cap model, complete with brackets (NRR 27 dB)	10061230
EXC cap model, complete with brackets (NRR 25 dB)	10061272
XLS cap model, complete with brackets (NRR 22 dB)	10061535
Sound Blocker 26 cap model (NRR 26), for use with Defender + Faceshield Frame	10026398
<b>Defender+ Easy Release Frame Assemblies</b>	
Defender+ Easy Release Frame for V-Gard cap with lockdown clip, Black	100080783
Defender+ Easy Release Frame for V-Gard cap with lockdown clip, Hi-Viz Orange	100080786
Chip Arrestor, Hi-Viz Orange	10080794

## ✓ 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

### Helmet Light Replacement Parts

Standard lamp module for the Versalite	697357
Standard lamp module for the Stealthlite	697356
Hi-Performance lamp module for the VersaBrite II	697418

**Note:** This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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For further information:

## ✓ Other V-Gard Helmet Accessories



Terri-Band Sweatband



Goggle Retainers



V-Gard and Advance Sun Shield



Chinstrap (attaches to suspension)

Chinstrap (attaches to shell)

Terri-Band Sweatband's custom design fits all MSA helmets. Washable and has plastic snaps.

MSA's Goggle Retainers are designed for applications where goggles must be worn with helmets.

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).

### Miscellaneous V-Gard Accessories

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 V-Gard Advance Cap	10039114
Chinstrap, attaches to the shell	88128
Chinstrap, attaches to the suspension	81391

## ✓ Medical Information Carrier System

This small, simple, inexpensive hardhat accessory can provide crucial, even lifesaving information, in the event of a medical crisis while the worker is on the job. The system consists of a carrier and data form with adhesive to attach inside the helmet and a small reflective decal for on the back of the helmet to alert emergency personnel.



Medical Information Carrier System (pkg. of 10)	10013393
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