



Best Mix Rest of Asia

Above the Neck Solution



WE KNOW WHAT'S AT STAKE.



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

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

Head Protection

V-Gard® Hard Hats



V-Gard Cap with Fas-Trac® III Suspension

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

Classification.....	Type I
Application.....	General purpose
Shell Material.....	Polyethylene
Styles.....	Slotted cap; slotted full-brim hat
Sizes.....	Cap-Style: small (6 – 7½); standard (6½ – 8); large (7 – 8½) Full-Brim Hat: standard (6½ – 8)



It is recommended that helmet suspensions be replaced after 12 months as they degrade quicker from contact with your skin. Inspect your helmet before every use and replace helmet immediately that show signs of damage or have been impacted.

V-Gard® 900 Series

V-Gard 900 helmet range features a dynamic design and a premium ABS shell for maximized strength. Available in two different models to suit your application and needs. Various customization options and ease of use with Fas-Trac III suspension while optimizing wearer acceptance.

V-Gard® 930 Industry safety helmets with integrated over spectacles

Balanced and modern helmet with integrated eye protection spectacles, intelligent adjustable rubber seal, and 6-point Fas-Trac® III ratchet suspension. Available in vented and non-vented options. For use where top impact hazards to the head, UV and particle hazards to the eye exist.

V-Gard® 930 Vented industrial safety helmets with integrated over spectacles



Features :

- Made of ABS for strength and lateral crush protection (EN397 LD option)
- Modern, dynamic and sports styled shell
- Channel around perimeter of the helmet diverts rain and debris from user
- Ventilation holes placed for optimized airflow
- Anti-static assembly; certified electrostatic-INERIS for use in ATEX/explosive environments

V-Gard® 930 Non-vented industrial safety helmets with integrated over spectacles



Features :

- Made of ABS for strength and lateral crush protection (EN 397 LD option)
- Modern, dynamic and sports styled shell
- Channel around perimeter of the helmet diverts rain and debris from user
- Anti-static assembly; certified electrostatic-INERIS for use in ATEX/explosive environments
- Protection against molten metal (EN 397 MM option)
- Electrically insulating helmets meeting EN 397 440 V AC and EN 50365 1000 V AC

V-Gard® 950

Balanced lightweight electrician's safety helmet, non-vented, with 6-point Fas-Trac® III ratchet suspension and GS-ET-29 class 1 face shield certified for protection against arc flash. For use where top impact hazards to the head, chemical splash, Ultra-Violet radiation, molten metal splash or electric arc to the face exist.

V-Gard® 950 Non-Vented industrial safety with integrated face shield



Features :

- Made of ABS for strength and lateral crush protection (LD option)
- Modern, dynamic with sports styled shell
- Low profile (patented visor mechanism which minimises helmet shell size)
- Channel around perimeter of the helmet diverts rain and debris from user
- Anti-static assembly; certified electrostatic-INERIS for use in ATEX/explosive environments
- Protection against molten metal (MM option)
- Electrically insulating helmet meeting EN 397 440 V AC and EN 50365 1000 V AC
- Compatible with hearing protection
- Complete with 4-point chinstrap for better helmet retention
- Helmet delivered in a protective reusable storage bag
- Optional: chin cup made with arc flash resistant materials

Face Shield



Faceshield Features :

- Protects against impact, chemical splash, Ultra-Violet radiation, molten metal splash and electric arc to GS-ET-29 class 1 (4kA)
- Premium anti-fog/anti-scratch coated visor fits over all corrective and safety glasses
- Reliable single handed smooth movement, even gloved
- 2 face shield positions (up or completely down)
- Tool free lens replacement

Part No.	Description
GVD1A-C000000-000	V-GARD 930 WHITE, NON-VENT FAS-TRAC 3 SUSPENSION
GVC1A-C000000-000	V-GARD 930 WHITE, VENTED FAS-TRAC 3 SUSPENSION
GVF1A-COA0000-000	V-GARD 950 WHITE, NON-VENT FAS-TRAC 3 SUSPENSION

V-Gard® 900 Series Accessories



GA90041



GA90033



GA90034



GA90035



GA90036



GA90037



GA90047

Part No.	Description
GA90041	6 POINT SUSPENSION V-GARD 900
GA90033	ARC-FLASH EAR FLAPS V-GARD 900 (PAIR)
GA90034	FACESHIELD V-GARD 950
GA90035	OVERSPECTACLES V-GARD 930
GA90036	STICKER, RETRO-REFLECTIVE GREY-SET 5
GA90037	STICKER, RETRO-REFLECTIVE RED-SET 5
GA90047	CHINSTRAP 4 POINTS

V-Gard® 950 Class 2

Non-vented industrial safety helmet with integrated face shield



The V-Gard 950 Class 2

safety helmet has been developed for electrical activities requiring demanding arc flash protection up to 7 kA. This balanced and lightweight unvented electrician's safety helmet features an integrated clear GS-ET-29 Class 2 faceshield and MSA-unique neck & ear



flap protection, which can be stowed on the helmet. The clear faceshield offers a light transmittance greater than 75%, providing the user with an optimal and secured colour recognition to get the job done safely and securely.



Helmet Features

- Made of ABS for strength and lateral crush protection (LD option)
- Modern, dynamic with sports styled shell
- Low profile (patented visor mechanism which minimises helmet shell size)
- Channel around perimeter of the helmet diverts rain and debris from user
- Anti-static assembly; certified ELECTROSTATIC-INERIS for use in ATEX/explosive environments
- Protection against molten metal (MM option)
- Electrically insulating helmet meeting EN 397 440 V AC and EN 50365 1000 V AC
- 4-point chinstrap with multiple adjustment points for better helmet retention
- Helmet delivered in a protective reusable storage bag
- Optional: chin cup made with arc flash resistant materials

Face Shield Features

- Protects against impact, chemical splash, Ultra-Violet radiation, molten metal splash and electric arc to GS-ET-29 Class 2 (7kA)
- Clear light blue tinted integrated faceshield with light transmittance greater than or equal to 75%
- Premium anti-fog/anti-scratch coated visor fits over all corrective and safety glasses
- Layer of flame resistant foam at the top of the visor for enhanced seal to the shell
- Reliable single handed smooth movement, even when wearing gloves
- 2 face shield positions (up or completely down)
- Tool free face-shield replacement

Suspension Features

- 6-point Fas-Trac® III ratchet suspension with premium washable and replaceable sweatband
- Head straps in woven polyester providing high comfort and long term, consistent shock absorption performance
- Balance and stability with a lower nape strap
- Comfort pad to separate the ratchet from the head increasing comfort and cooling airflow
- Ratchet offers smooth rotation
- Easy grip ratchet adjustable even with gloves
- Three levels of nape height adjustment giving superior fit

Extended Ear and Neck Flap Features

- Unique extended arc flash ear and neck flap system to ensure protection against arc flash (arc flash resistant textile; GS-ET-29 Class 2)
- Orange color inside (visible in upper/stand-by position) and grey color outside (visible in down/safety position) so you can visibly see when workers are protected
- Hand wash (40°C)

V-Gard® 950 Class 2

Non-vented industrial safety helmet with integrated face shield



Helmets with 4 point chinstraps and extended arc flash protection system – Ordering Information

Standard colors*	Color RAL	Standard P/Ns
White	RAL 9003	GVF1A-C0AA00I-000
Yellow	RAL 1018	GVF2A-C0AA00I-000
Red	RAL 3020	GVF3A-C0AA00I-000
Green	RAL 6016	GVF4A-C0AA00I-000
Blue	RAL 5003	GVF5A-C0AA00I-000
Orange	RAL 2008	GVF6A-C0AA00I-000
Hi-vis orange	RAL 2005	GVF9A-C0AA00I-000
Hi-vis yellow	RAL 1026	GVFAA-C0AA00I-000



*Grey, black shells available from 240, pcs

If you are interested in the retroreflective stickers arriving fitted to the shell, please add the corresponding digit:

GVFxA-CxAAxGI-xxx, grey
GVFxA-CxAAxHI-xxx, red
GVFxA-CxAAxVI-xxx, green
GVFxA-CxAAxQI-xxx, yellow
GVFxA-CxAAxUI-xxx, blue



If you are interested in the retroreflective stickers not fitted to the shell, please add the corresponding digit:

GVFxA-CxAAxEI-xxx, grey
GVFxA-CxAAxFI-xxx, red
GVFxA-CxAAxNI-xxx, green
GVFxA-CxAAxPI-xxx, yellow
GVFxA-CxAAxRI-xxx, blue

If you are interested in the badge/lamp holder please add the corresponding digit:

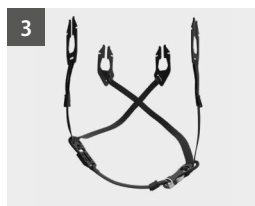
GVFxA-CxAA5xI-xxx

If you are interested in the 4 point chinstrap with chincup please add the corresponding digit:

GVFxA-FxAAxxI-xxx

Spare Parts – Ordering Information

Part. No	Description
GA90041	6-point Fas-Trac® III suspension with ratchet and replaceable, washable, foam sweatband
10153518	Fas-Trac® III foam sweatband (10 pcs) (5)
696688	Terry cotton (Terri-Band) sweatband (10 pcs)
GA90051	Clear light blue tinted Class 2 face shield with connection rails (1)
GA90053	Extended arc flash ear and neck flaps (pair) (2)
GA90047	V-Gard Universal 4-point chinstrap (3)
GA90040	Chincup V-Gard Universal 4-point chinstrap (4)
GA90039	Reusable storage bag
GA90036	5 grey retroreflective stickers (set for one helmet)
GA90037	5 red retroreflective stickers (set for one helmet)
GA90056	5 green retroreflective stickers (set for one helmet)
GA90057	5 yellow retroreflective stickers (set for one helmet)
GA90058	5 blue retroreflective stickers (set for one helmet)



MSA operates in over 40 countries worldwide.

To find an MSA office near you, please visit <https://gb.msasafety.com/contact-us>

V-Gard® H1 Safety Helmet

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

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



V-Gard H1 Safety Helmet (novent)



V-Gard H1 Safety Helmet (trivent)

Classification Type I
Markets..... Utilities; oil, gas and petrochemical; general industry; construction
Application General Industry; construction; working-at-heights; confined space; rescue
Shell Material HDPE (high-density polyethylene)
Styles Novent; trivent; bivent
Sizes Standard 612 – 8 (52–64 cm) head circumference
Standards See “Certifications” in chart below

	NOVENT w/ pivoting Fas-Trac III Suspension	TRI-VENT w/ pivoting Fas-Trac III Suspension
CERTIFICATIONS		
ANSI Z89.1	■	■
EN397	■	
EN12492		■

V-Gard® H1 Safety Helmet



V-Gard® H1 Safety Helmet Tri-Vent

Colour	Part No.	Description
WHITE	10194783	HELMET V-GARD H1 WHITE TRIVENT FAS-TRAC 3 SUSPENSION
RED	10194784	HELMET V-GARD H1 RED TRIVENT FAS-TRAC 3 SUSPENSION
BLUE	10194785	HELMET V-GARD H1 BLUE TRIVENT FAS-TRAC 3 SUSPENSION
GREEN	10194786	HELMET V-GARD H1 GREEN TRIVENT FAS-TRAC 3 SUSPENSION
YELLOW	10194787	HELMET V-GARD H1 YELLOW TRIVENT FAS-TRAC 3 SUSPENSION
HI-VIZ YELLOW GREEN	10194788	HELMET V-GARD H1 HI-VIS YELLOW TRIVENT FAS-TRAC 3 SUSPENSION
ORANGE	10194789	HELMET V-GARD H1 ORANGE TRIVENT FAS-TRAC 3 SUSPENSION
BLACK	10194790	HELMET V-GARD H1 BLACK TRIVENT FAS-TRAC 3 SUSPENSION
GRAY	10204346	HELMET V-GARD H1 GREY TRIVENT FAS-TRAC 3 SUSPENSION





V-Gard® H1 Safety Helmet Non-Vent




Colour	Part No.	Description
WHITE	10194791	HELMET V-GARD H1 WHITE NON-VENT FAS-TRAC 3 SUSPENSION
RED	10194792	HELMET V-GARD H1 RED NON-VENT FAS-TRAC 3 SUSPENSION
BLUE	10194793	HELMET V-GARD H1 BLUE NON-VENT FAS-TRAC 3 SUSPENSION
GREEN	10194794	HELMET V-GARD H1 GREEN NON-VENT FAS-TRAC 3 SUSPENSION
YELLOW	10194795	HELMET V-GARD H1 YELLOW NON-VENT FAS-TRAC 3 SUSPENSION
HI-VIZ YELLOW GREEN	10194796	HELMET V-GARD H1 HI-VIS YELLOW NON-VENT FAS-TRAC 3 SUSPENSION
ORANGE	10194797	HELMET V-GARD H1 ORANGE NON-VENT FAS-TRAC 3 SUSPENSION
BLACK	10194798	HELMET V-GARD H1 BLACK NON-VENT FAS-TRAC 3 SUSPENSION
GRAY	10204347	HELMET V-GARD H1 GREY NON-VENT FAS-TRAC 3 SUSPENSION

V-Gard® H1 Safety Helmet Replacement

V-Gard H1 Replacement Parts

Part No.	Product Name	Product Specifics	
10194760	Replacement Suspension V-Gard H1	V-Gard H1 Replacement Suspension Assembly, Fas-Trac III Pivot	
10194765	Trivent Chinstrap, V-Gard H1	V-Gard H1 Replacement Chin Strap, Trivent	

V-Gard® H1 Safety Helmet Accessories

Part No.	Product Name	Color	Product Specifics	Approval	
10194818	V-Gard H1 Clear Face Shield	Clear	<ul style="list-style-type: none"> • Clear polycarbonate contoured visor for closer fit and optimal resistance to impact and splash hazards • Simple push button donning and doffing on the V-Gard H1 Safety Helmet—no additional frames or adapters required • Dual pivot hinge maintains a low profile to the helmet when stowed for improved balance and wind resistance • Frameless design with anti-fog and anti-scratch coatings for greater visibility 	<ul style="list-style-type: none"> • ANSI/ISEA Z87.1 2015 • CSA Z94.3 • EN 166 	
10194819	V-Gard H1 Mesh/Forestry Faceshield	Mesh	<ul style="list-style-type: none"> • Steel mesh contoured visor for closer fit and optimal protection from flying chips and other light debris • Simple push button donning and doffing on the V-Gard H1 Safety Helmet—no additional frames or adapters required • Dual pivot hinge maintains a low profile to the helmet when stowed for improved balance and wind resistance 	<ul style="list-style-type: none"> • ANSI/ISEA Z87.1-2015 • EN 1731 	
10194820	V-Gard H1 Half-Face Spectacles	Clear	<ul style="list-style-type: none"> • Clear polycarbonate contoured spectacles for closer fit and optimal resistance to impact and splash hazards • Simple push button donning and doffing on the V-Gard H1 Safety helmet—no additional frames or adapters required • Dual pivot hinge maintains a low profile to the helmet when stowed for improved balance and wind resistance • Frameless design with anti-fog and anti-scratch coatings for greater visibility 	<ul style="list-style-type: none"> • ANSI/ISEA Z87.1-2015 • CSA Z94.3 • EN 166 	

V-Gard H2™ Safety Helmet



Features

Quick and easy customization with thousands of existing logos, easy creation of new logos, and reflective stripes.

Integrated headlamp strap clips for easy and secure donning and doffing of lights on the helmet.

ANSI Z89.1 Type II certification with integrated chinstrap for enhanced protection against lateral impacts

Non-vented options for use in electrical applications where Class E certification is needed.

Optional venting for improved air flow, cooling and reduced heat stress.

Extensive accessory compatibility with nearly all V-Gard H1 and V-Gard accessories for a wide variety of industrial applications and easy integration with existing inventory.

Comfortable ratchet suspension that's easily adjustable with a gloved hand.

Antimicrobial sweatband, crown pad, and ratchet pad with Ionic+® high-purity silver to eliminate odor-causing bacteria.

Optional Mips® system for additional rotational impact protection designed to help reduce the risk of traumatic brain injury.

CLASSIFICATION	Type II
MARKETS	<ul style="list-style-type: none"> Utilities Oil, gas, and petrochemical General industry Construction
APPLICATION	<ul style="list-style-type: none"> General industry Construction Working-at-heights Confined space Rescue

SHELL MATERIAL	ABS (acrylonitrile butadiene styrene)
STYLES	Vented and Non-Vented
SIZE	Standard 6½–8 (53–63 cm head circumference)
STANDARDS	
VENTED	ANSI/ISEA Z89.1-2014 (R2019), Type II, Class C, HT, HV (if applicable)
NON-VENTED	ANSI/ISEA Z89.1-2014 (R2019), Type II, Class E, HT, HV (if applicable)

Compatible Accessories



V-Gard H1 Clear Face Shield

- Clear polycarbonate contoured visor for closer fit and optimal resistance to impact and splash hazards
- Simple push button donning and doffing on the V-Gard H2 Safety Helmet—no additional frames or adapters required
- Dual pivot hinge maintains a low profile to the helmet when stowed for improved balance and wind resistance
- Frameless design with anti-fog and anti-scratch coatings for greater visibility
- **Approvals:** ANSI/ISEA Z87.1-2015, CSA Z94.3, EN 166



V-Gard H1 Mesh/Forestry Face Shield

- Steel mesh contoured visor for closer fit and optimal protection from flying chips and other light debris
- Simple push button donning and doffing on the V-Gard H2 Safety Helmet—no additional frames or adapters required
- Dual pivot hinge maintains a low profile to the helmet when stowed for improved balance and wind resistance
- **Approvals:** ANSI/ISEA Z87.1-2015, EN 1731



V-Gard H1 Half-Face Spectacles

- Clear polycarbonate contoured spectacles for closer fit and optimal resistance to impact and splash hazards
- Simple push button donning and doffing on the V-Gard H2 Safety helmet—no additional frames or adapters required
- Dual pivot hinge maintains a low profile to the helmet when stowed for improved balance and wind resistance
- Frameless design with anti-fog and anti-scratch coatings for greater visibility
- **Approvals:** ANSI/ISEA Z87.1-2015, CSA Z94.3, EN 166



V-Gard H1 Shaded Half-Face Spectacles

- Smoke-shaded polycarbonate contoured spectacles for closer fit and improved resistance to impact and splash hazards
- Simple push button donning and doffing on the V-Gard H2 Safety Helmet—no additional frames or adapters required
- Dual pivot hinge maintains a low profile to the helmet when stowed for improved field of vision and wind resistance
- Frameless design with anti-fog and anti-scratch coatings improve visibility
- **Approvals:** ANSI/ISEA Z87.1-2020, CSA Z94.3, EN 166



V-Gard H1 Visor Frame

- Available with and without debris control
- Fits the V-Gard H1™ and V-Gard H2™ Safety Helmets via a simple push button attachment to the helmet accessory rails
- Locking cams on the V-Gard H1 Visor Frame make for easy installation of all V-Gard® Accessory System Visors
- Optional replaceable debris control wiper provides a tight seal to the safety helmet
- Interactive parts are color coded green for ease of operation
- **Approvals:** ANSI/ISEA Z87.1-2015, CSA Z94.3



V-Gard Cap Mounted Hearing Protection

- Improved sealing ring and adapters optimize fit, providing prolonged comfort
- Foam injected ear pads provide soft points of contact
- Multiple adjustment points allow for custom fit
- Highest attenuation for a cap-mounted earmuff on the market
- MSA exclusive sealing rings allow for optimal NRR performance
- **Approvals:** ANSI S3.19-1974, ANSI S12.6-2008, CSA Class A, EN 352-3:2002, AS/NZ S1270:2002



Ordering Information

V-Gard H2 Safety Helmet

Color	Vented		Non-Vented	
	<i>without Mips</i>	<i>with Mips</i>	<i>without Mips</i>	<i>with Mips</i>
White	10242629	10242813	10242635	10242822
Black	10242630	10242814	10242636	10242823
Yellow	10242631	10242815	10242637	10242824
Blue	10242632	10242816	10242638	10242825
Gray	10242633	10242817	10242639	10242826
Orange	10242807	10242818	10242810	10242827
Red	10242808	10242819	10242811	10242828
Green	10242809	10242820	10242812	10242829
Hi-Viz Yellow	10242634	10242821	10242640	10242830

Accessories & Replacement Parts

P/N	Description
10194818	V-Gard H1 Clear Face Shield
10194819	V-Gard H1 Mesh/Forestry Face Shield
10194820	V-Gard H1 Half-Face Spectacles
10217333	V-Gard H1 Shaded Half-Face Spectacles
10242641	V-Gard H2 replacement chinstrap
10242642	V-Gard H2 replacement crown pad
10242643	V-Gard H2 replacement sweatband
10246731	V-Gard H2 Mips replacement sweatband
10242644	V-Gard H2 replacement padding set
10246730	V-Gard H2 Mips replacement padding set
10236392	V-Gard H1 Visor Frame, w/o debris control
10235987	V-Gard H1 Visor Frame, w/debris control
10236393	V-Gard H1 Visor Frame replacement debris control
10190356	V-Gard Cap Mounted Hearing Protection, low
10190357	V-Gard Cap Mounted Hearing Protection, medium
10190358	V-Gard Cap Mounted Hearing Protection, high

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

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V-Gard® Cap-Style Hard Hats



V-Gard® Shell Only (EN Version)

Colour	Part No.	Description
GLOSS FINISH		
WHITE	10162056	V-GARD CAP SHELL ONLY WHITE- EN
YELLOW	10162057	V-GARD CAP SHELL ONLY YELLOW- EN
ORANGE	10162058	V-GARD CAP SHELL ONLY ORANGE- EN
RED	10162059	V-GARD CAP SHELL ONLY RED- EN
BLUE	10162060	V-GARD CAP SHELL ONLY BLUE- EN



V-Gard® Shell Only (ANSI Version)

Colour	Part No.	Description
GLOSS FINISH		
WHITE	463403	V-GARD CAP SHELL ONLY WHITE - ANSI
BLUE	463413	V-GARD CAP SHELL ONLY BLUE - ANSI
YELLOW	463443	V-GARD CAP SHELL ONLY YELLOW - ANSI
ORANGE	463444	V-GARD CAP SHELL ONLY ORANGE - ANSI
GREEN	463445	V-GARD CAP SHELL ONLY GREEN- ANSI
RED	463446	V-GARD CAP SHELL ONLY RED- ANSI



V-Gard® 500 Shell Only

Colour	Part No.	Description
GLOSS FINISH		
WHITE	10033949	V-GARD 500, VENTED SHELL ONLY WHITE
BLUE	10033950	V-GARD 500, VENTED SHELL ONLY BLUE
YELLOW	10033951	V-GARD 500, VENTED SHELL ONLY YELLOW

V-Gard® ANSI Version



V-Gard® with FasTrac® Suspension + Chinstrap

Colour	Part No.	Description
GLOSS FINISH		
WHITE	10173935	V-GARD CAP WHITE-FAS-TRAC 3 SUSPENSION-CHIPSTRAP ANSI
YELLOW	10173936	V-GARD CAP YELLOW-FAS-TRAC 3 SUSPENSION-CHIPSTRAP ANSI
ORANGE	10173937	V-GARD CAP ORANGE-FAS-TRAC 3 SUSPENSION-CHIPSTRAP ANSI
RED	10173938	V-GARD CAP RED-FAS-TRAC 3 SUSPENSION-CHIPSTRAP ANSI
BLUE	10173939	V-GARD CAP BLUE-FAS-TRAC 3 SUSPENSION-CHIPSTRAP ANSI



V-Gard® PE with FasTrac® III Suspension

Colour	Part No.	Description
GLOSS FINISH		
WHITE	10117161	V-GARD PE WHITE FAS-TRAC 3 -ANSI
YELLOW	10117162	V-GARD PE YELLOW FAS-TRAC 3 -ANSI
ORANGE	10117163	V-GARD PE ORANGE FAS-TRAC 3 -ANSI
RED	10117164	V-GARD PE RED FAS-TRAC 3 -ANSI
BLUE	10117165	V-GARD PE BLUE FAS-TRAC 3 -ANSI



V-Gard® PE with FasTrac® III Suspension + Chinstrap

Colour	Part No.	Description
GLOSS FINISH		
WHITE	ATO06VGARD10162056	V-GARD, PE, WHITE+FT3+CHINSTRAP
YELLOW	ATO06VGARD10162057	V-GARD, PE, YELLOW+FT3+CHINSTRAP

V-Gard® ANSI Version



V-Gard® with Push-Key® Suspension

Colour	Part No.	Description
GLOSS FINISH		
BLUE	10204834	V-GARD CAP BLUE PUSH-KEY SUSPENSION-ANSI
RED	10204835	V-GARD CAP RED PUSH-KEY SUSPENSION-ANSI
ORANGE	10204836	V-GARD CAP ORANGE PUSH-KEY SUSPENSION-ANSI
YELLOW	10204837	V-GARD CAP YELLOW PUSH-KEY SUSPENSION-ANSI
WHITE	10204838	V-GARD CAP WHITE PUSH-KEY SUSPENSION-ANSI



V-Gard® with Push-Key® Suspension + Chinstrap

Colour	Part No.	Description
GLOSS FINISH		
WHITE	10206955	V-GARD CAP WHITE PUSH-KEY SUSPENSION-4PT CHINSTRAP-ANSI
YELLOW	10206956	V-GARD CAP YELLOW PUSH-KEY SUSPENSION-4PT CHINSTRAP-ANSI
ORANGE	10206957	V-GARD CAP ORANGE PUSH-KEY SUSPENSION-4PT CHINSTRAP-ANSI
RED	10206958	V-GARD CAP RED PUSH-KEY SUSPENSION-4PT CHINSTRAP-ANSI
BLUE	10206959	V-GARD CAP BLUE PUSH-KEY SUSPENSION-4PT CHINSTRAP-ANSI

V-Gard® Full Brim Hard Hats



Standard V-Gard® Full Brim Hard Hats-Shell Only

Colour	Part No.	Description
GLOSS FINISH		
YELLOW	86441	V-GARD HAT- SHELL ONLY YELLOW
BLUE	86774	V-GARD HAT- SHELL ONLY BLUE
ORANGE	86776	V-GARD HAT- SHELL ONLY ORANGE
GREEN	86777	V-GARD HAT- SHELL ONLY GREEN
RED	86778	V-GARD HAT- SHELL ONLY RED
WHITE	86779	V-GARD HAT- SHELL ONLY WHITE



V-Gard® Full Brim Hard Hats with FasTrac® Suspension

Colour	Part No.	Description
GLOSS FINISH		
YELLOW	475366	V-GARD HAT, YELLOW FASTRAC SUSPENSION
WHITE	475369	V-GARD HAT, WHITE FASTRAC SUSPENSION
ORANGE	496075	V-GARD HAT, ORANGE FASTRAC SUSPENSION
BLUE	475368	V-GARD HAT, BLUE FASTRAC SUSPENSION
GREEN	475370	V-GARD HAT, GREEN FASTRAC SUSPENSION

Hearing Protection

V-Gard® Helmet Attached Hearing Protection

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



Superior Performance

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



Enhanced Comfort and Fit

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



Modern Style

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




NRR and CSA Class Ratings for V-Gard Hearing Protection

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

NRR and CSA Class Ratings for V-Gard Hearing Protection

	LOW		MEDIUM		HIGH	
	NRR	CSA Class	NRR	CSA Class	NRR	CSA Class
V-GARD 500 CAP	22	B	28	AL	31	AL
TOPGARD CAP	24	A	28	AL	30	AL

V-Gard® Cap-Mounted Hearing Protection

			
PRODUCT NAME	V-Gard®	V-Gard®	V-Gard®
ATTENUATION LEVEL	LOW	MEDIUM	HIGH
PART NO.	10190356	10190357	10190358
PRODUCT DESCRIPTION	V-GARD HP, HELMET MOUNTED, LOW	V-GARD HP, HELMET MOUNTED, MEDIUM	V-GARD HP, HELMET MOUNTED, HIGH
NRR RATING	22	27	31
SNR RATING	28	32	36



DID YOU HEAR?

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

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


Face Protection



V-Gard Headgear is a brow guard that in combination with the wide range of V-Gard Visors offers a lightweight, comprehensive face protection system. Featuring a durable and stylish HDPE frame and the choice of over 20 visors, it is ideal for many applications. With the unique 3-point visor load system, visors are fitted or removed easily and quickly. Adjustable to all head sizes and with two comfort sweatbands all day comfort is for sure.

Visor and Accessories

MSA visors range with over 20 versions offering reliable protection against impact, chemical splash with chemical compatibility reference testing, high-temperatures (visors up to 2.5 mm and gold coated), short circuit electric arc, Ultra Violet and Infra Red. They come in three thicknesses, two widths and three distinct lengths and are supplied either flat or pre curved/moulded. Special versions are available to adapt two chin guard options, standard and retractable. With low weight additional protection between chin and neck area is provided

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

V-Gard® Universal Cap Frame					
Part No.	Product Description	Material	Debris Control	Product Specifics	Image
10187161	FRAME V-GARD UNIVERSAL WITH DEBRIS CONTROL	High density polyethylene (HDPE)	With debris control	Easy to Use <ul style="list-style-type: none"> Add and remove accessories¹ Quicker visor installation and removal Green color coded parts Built to Last <ul style="list-style-type: none"> Infinity joints Universal strap Debris control Reducing Complexity <ul style="list-style-type: none"> Designed to work with all MSA V-Gard cap-style hard hats 	

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

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

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

³Patent pending


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

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

V-Gard® Frames For General Purposes

Markets: General industry, manufacturing, repair and maintenance, construction, oil and gas, forestry, shipbuilding, metalworking, automotive, mining
Applications: Chipping, splash, chiseling, drilling, grinding, machining, power fastening, sanding, sawing

Standards²: ANSI/ISEA Z87.1-2015; CSA Z94.3; EN 166; AS/NZS 1337
Certification: Third-party by Intertek, INSPEC International Ltd., CSA International and SAI Global Ltd.
Min Order Qty: 10


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

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

V-Gard® Frames For Elevated Temperature Applications

Markets: Food manufacturing/canneries, steel mills, construction, open-pit mining, agriculture, oil/gas/petrochemical refineries, rubber manufacturing, and steam tunnels
Applications: Food processing, machine operation, maintenance, millwright, cutting, punching, extrusion, drilling, blasting, casting/conveying, chemical mixing, sanding

Features: Tested to withstand temperatures of 350°F (176.7°C), reducing warping, cracking or crazing
Standards²: ANSI/ISEA Z87.1-2015; CSA Z94.3; EN 166; AS/NZS 1337
Certification: Third-party by Intertek, INSPEC International Ltd., CSA International and SAI Global Ltd.
Min Order Qty: 10

Part No.	Product Description	Material	Debris Control	Product Specifics	Image
10115821	FRAME, V-GARD, ELEVATED TEMPERATURE, FOR SLOTTED MSA CAPS, WITH DEBRIS CONTROL	Polycarbonate — all non-metal construction	Replaceable debris control tested against EN 166 hot solids requirements	<ul style="list-style-type: none"> Stowable slot adaptors secure frame tightly in slotted MSA caps, and allow frame to work with or without earmuffs² Sliding adjustment blades allow visor to work with most half-mask respirators and other PPE worn under a visor 	

⚠ WARNING

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

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

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

³Patent pending

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

V-Gard® Accessory System: Visors







V-Gard® Visors: General Purpose

Markets: General industry, manufacturing, repair and maintenance, construction, oil and gas, forestry, shipbuilding, metalworking, automotive, mining
Applications: Chipping, splash, chiseling, drilling, grinding, machining, power fastening, sanding, sawing

Standards: ANSI/ISEA Z871-2015; CSA Z94.3 and EN 166 (2C-1.2 MSA 1B); AS/NZS 1337 (except as noted)

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

Min Order Qty: 10

Part No.	Product Description	Product Specifics		Image
		Impact-rated (Z87+) with Maximum UV Protection		
10115836	VISOR V-GARD, CLEAR, PC, FLAT 190MM X 432MM X 1MM	Material: Polycarbonate — clear	<ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .04" (1.02 mm)• Contoured visor; closer fit and improved resistance to impact and splash hazards	
10115837	VISOR V-GARD, PC, CLEAR, 203MM X 432MM X 1.0MM, NITROMETER-REQUIRES CHINGARD	Material: Polycarbonate — clear	<ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .04" (1.02 mm)• Contoured visor; closer fit and improved resistance to impact and splash hazards ■ Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors	
10115839	VISOR V-GARD, CLEAR, PC, FLAT AF/AS, 190MMX 430MM X 1.5MM	Material: Polycarbonate with antifog/anti-scratch coatings for humid conditions — clear	<ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .06" (1.52 mm)• Slightly thicker for industrial impact applications resistance to impact and splash hazards• Contoured visor; closer fit and improved resistance to impact and splash hazards	
10115840	VISOR,V-GARD, PC, CLR, SHXSTDx.060 THK	Material: Polycarbonate — clear	<ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .06" (1.52 mm)• Slightly thicker for industrial impact applications resistance to impact and splash hazards• Contoured visor; closer fit and improved resistance to impact and splash hazards	
10115841	VISOR,V-GARD, PC, CLR, SHXSTDx.060 THK -CHINGARD	Material: Polycarbonate with antifog/anti-scratch coatings for humid conditions — clear	<ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .06" (1.52 mm)• Slightly thicker for industrial impact applications resistance to impact and splash hazards• Contoured visor; closer fit and improved resistance to impact and splash hazards ■ Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors	
10115842	VISOR, V-GARD, PC, GN, AFAS, SHxSTDxTHK	Polycarbonate with antifog/anti-scratch coatings for humid conditions — green tint to reduce glare	<ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .06" (1.52 mm)• Slightly thicker for industrial impact applications resistance to impact and splash hazards• Contoured visor; closer fit and improved resistance to impact and splash hazards ■ Not for use where a Shade infrared (IR) visor is required	



V-Gard® Visors: General Purpose (Non-Impact)

Markets: General industry, manufacturing, repair and maintenance, construction, oil and gas, forestry, shipbuilding, metalworking, automotive, mining
Applications: Flying chips and other light debris

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

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

Min Order Qty: 10




Part No.	Product Description	Product Specifics		Image
		General Protector (Z87) — NOT FOR IMPACT HAZARDS		
10116557	VISOR V-GARD, MESH WITH PLASTIC EDGE, (no Chin Guard Version)	Material Epoxy-coated steel mesh (20 x 20) — black, plastic edged	<ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm)• Not for use against splash, impact, elevated temperatures or UV hazards• Can be worn with earmuffs	
10116558	VISOR V-GARD, MESH WITH PLASTIC EDGE, NITROMETER, 203MM X 430MM-REQUIRES CHINGARD	Material Epoxy-coated steel mesh (20 x 20) — black, plastic edged	<ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm)• Not for use against splash, impact, elevated temperatures or UV hazards• Can be worn with earmuffs■ Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors	

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

V-Gard® Visors: Heavy-Duty Chemical and Splash

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

Standards¹: ANSI/ISEA Z87.1-2015; EN 166 (MSA 1B 3); CSA Z94.3 and AS/NZS 1337
Certification: Third-party by Intertek, INSPEC International Ltd., CSA International and SAI Global Ltd.
Min Order Qty: 5

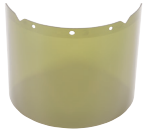
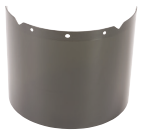
Part No.	Product Description	Product Specifics		Image
		Impact-rated (Z87+)		
10115844	VISOR V-GARD, CLEAR, PC, MOLDED AF/AS, 240MMX 430MM X 2.5MM	Material: Polycarbonate with EN 166 performance-rated anti-fog/ anti-scratch coatings for hot/ humid conditions (N,K marks, respectively) — clear	<ul style="list-style-type: none">• 9.25" (23.5 cm) x 17" (43.2 cm) x .098" (2.5mm)• Molded visor for superior optics under heavy-duty use• Extra-thick visor helps prevent warping, cracking or crazing• Conditioned to a high of 131 °F (and a low of -23 °F) and then tested to the medium impact rating in the EN166 standard (higher impact speed than ANSI/ISEA Z87.1-2010) ■ Visors do not reflect IR; not recommended for use against radiant heat hazards	
10115855	VISOR V-GARD, CLEAR, PROPIONATE, MOLDED , 190MM X430MM X 2.49MM	Material: Propionate — clear	<ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .098" (2.5mm)• Extra-thick to help prevent warping, cracking or crazing under tough conditions• Please refer to MSA's <i>Chemical Application Quick Reference Guide</i> (ID 0670-007-MC) for chemical performance details	
10115856	VISOR V-GARD, CLEAR, PROPIONATE, MOLDED, NITROMETER, 190MM X 430MM X 2.5MM-CHINGARD	Material: Propionate — clear	<ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .098" (2.5mm)• Extra-thick to help prevent warping, cracking or crazing under tough conditions ■ Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors <ul style="list-style-type: none">• Please refer to MSA's <i>Chemical Application Quick Reference Guide</i>(ID 0670-007-MC) for chemical performance details	

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

V-Gard® Visors: Welding (Shade 3, Shade 5, and Shade 8)

Markets: Fabrication, steel mills, shipbuilding, construction, open-pit mining, agriculture, oil/gas/petrochemical refineries, rubber manufacturing
Applications: Welding, metal pouring, gas soldering, light cutting/brazing, manufacturing, impact and debris


Standards²: ANSI/ISEA Z87.1-2015; EN 166 (4-3/3 MSA 1BT39 [shade 3] and 4-5/5 MSA 1BT39 [shade 5]); CSA Z94.3 and AS/NZS 1337, ANSI/ISEA Z87 + W8; CSA Z94.3 Shade 8
Certification: Third-party by Intertek, INSPEC International Ltd., CSA International and SAI Global Ltd.
Min Order Qty: 5

Part No.	Product Description	Product Specifics		Image
		Impact-rated (Z87+)		
10115859	VISOR V-GARD, SHADE 3 IR, PC MOLDED, 203MM X 430MM X 2.49MM	Material Polycarbonate — Shade 3 IR	<ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .07" (1.8 mm)• Thickness helps prevent pitting and warping from heat or weld spatter	
10115861	VISOR V-GARD, SHADE 5 IR, PC MOLDED, 203MM X 430MM X 2.49MM	Material Polycarbonate — Shade 5 IR	<ul style="list-style-type: none">• 8" (20.3 cm) x 17" (43.2 cm) x .07" (1.8 mm)• Thickness helps prevent pitting and warping from heat or weld spatter	

V-Gard® Visors: Arc Flash Application¹

Markets: Manufacturing, utilities, construction, oil/gas/ petrochemical
Applications: Maintenance, impact and debris, testing/repair



Standards²: ANSI/ISEA Z87.1-2015; ASTM F2178-2008 (Ref: NFPA 70E, HRC 2)
Certification: Third-party by Intertek and ArcWear
Min Order Qty: 5

Part No.	Product Description	Product Specifics		Image
		Impact-rated (Z87+)		
10118480	VISOR V-GARD, PC, ARC, AS, 203X457 X 1.7MM, W CHIN PROTECTOR	Material Polycarbonate — special tint, gray-blue visor; molded (for use with designated V-Gard Chin Protector)	Arc Visor Kit—consists of Visor (PN 10115858) + Chin Protector (PN 10115827) <ul style="list-style-type: none">• 8" (20.3 cm) x 17.25" (43.8 cm) x .065" (1.7 cm)• Extended length and width for greater coverage of face and neck• Rated to 21.0 cal/cm2 when tested to ASTM F2178-2008 (ref. NFPA 70E-2015 PPE Category 2), and when worn with a V-Gard Hard Hat (PN 475369) and V-Gard Frame (PN 10116627) and V-Gard Standard Chin Protector (PN/10115827)	

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

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

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

V-Gard® Chin Protector				
Part No.	Product Description	Material	Product Specifics	Image
10115828	Retractable Chin Protector	Polycarbonate – opaque (ensures safety and standards compliance with clear, tinted, shaded and coated V-Gard Visors)	<ul style="list-style-type: none"> • 3.82" (9.7 cm) in height, when unretracted • Unique retractable plates allow greater flexibility of head movement both up and down, as well as side-to-side • Minimum order quantity: 5 	
10115827	Standard Chin Protector	Polycarbonate – opaque (ensures safety and standards compliance with clear, tinted, shaded and coated V-Gard Visors)	<ul style="list-style-type: none"> • 2.86" (7.26 cm) in height • Compact, lightweight design provides additional protection between chin and neck area • Minimum order quantity: 5 	

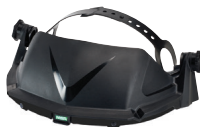

¹ Do not use V-Gard Arc Visors with V-Gard Headgear. These visors are designated for use with specified V-Gard Frames and MSA helmets ONLY. See "V-Gard Headgear" for additional details.

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

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

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

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

V-Gard® Headgear				
Markets: General industry, manufacturing, repair and maintenance, construction, oil and gas, forestry, shipbuilding, metalworking, automotive, mining, chemical industries Applications: Chipping, splash, chiseling, drilling, grinding, machining, power fastening, sanding, sawing, laboratory		Size: Standard (6½– 8) Standards²: ANSI/ISEA Z87.1-2015; EN 166; CSA Z94.3; and AS/NZS 1337 Certification: Third-party by Intertek, INSPEC International Ltd., CSA International and SAI Global Ltd.		
Part No.	Product Name	Product Specifics		Image
10127061	V-Gard Headgear — General Purpose Material: High Density Polyethylene (HDE) – black	<ul style="list-style-type: none"> • Patent-pending, Infini-just lift/closure with grippable knobs that don't unscrew; no parts to lose • Ratchet closure • Seven-point crown adjustment • Replaceable, sweat-wicking, cushioned headband helps keep workers dry and cool • Sweat-wicking ratchet cover keeps nape comfortable • For use ONLY with V-Gard Visors; not for use where head protection is required • All non-metal construction • Minimum order quantity: 10 		
10127062	V-Gard Headgear — Elevated Temperature Material: Heat-resistant nylon — gray	<ul style="list-style-type: none"> • Extended browguard for additional coverage in high temperatures • Tested to withstand temperatures up to 400 ° F3 • Patent-pending, Infini-just lift/closure with grippable knobs that don't unscrew; no parts to lose • Ratchet closure • Seven-point crown adjustment • Replaceable, sweat-wicking, cushioned headband helps keep workers dry and cool • Sweat-wicking ratchet cover keeps nape comfortable • For use ONLY with V-Gard Visors; not for use where head protection is required • All non-metal construction • Minimum order quantity: 5 		

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

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

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

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

Accessories & Replacement Parts

Replacement Parts

Replacement Suspensions for MSA Safety Helmets

MSA Fas-Trac® III Ratchet Suspension

Ensuring your workforce wears their safety helmets can be a real headache. MSA, the leading provider of protective helmets, has the perfect remedy: the Fas-Trac III Suspension. No more pressure headaches. No more pulled hair. No more falling off.

No more sacrificing worker comfort for safety.

- 1 Sweatband fully covers the headband and worker's forehead.
- 2 Three levels of nape strap adjustment for customized fit.
- 3 Lower nape strap cradles the head. Retention is greatly improved—even when bending over!
- 4 Smooth ratchet rotation and secure hold.

Learn how the Fas-Trac III Suspension can relieve your headaches. Visit www.MSAafety.com/fastrac.



Push-Key® Suspensions For all V-Gard industrial safety helmet models

Features & Benefits:

Ease Of Use:

- This is the fastest sliding suspension on the market: simple push to loosen, squeeze to tighten
- Can be adjusted with one hand even when worn

Sure Fitting:

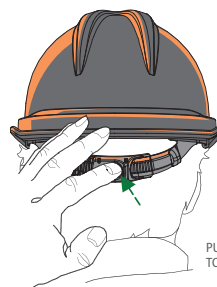
- It offers greater retention capacity than competitive sliding suspensions because it's so much easier to select the best adjustment position

Adjustability:

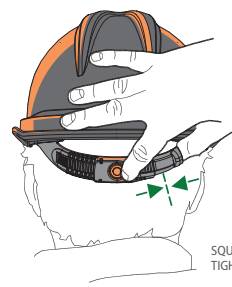
- 2 levels of nape adjustment for fitting comfort
- Designed to avoid interference with other PPE such as ear muffs

Sweatband Comfort:

- Sweat-wicking replaceable foam gives the user our 'coolest yet' V-Gard experience








PUSH BUTTON
TO LOOSEN














SQUEEZE TO
TIGHTEN



Replacement Parts



Replacement Suspension Parts			
Part No.	Product Name	Product Specifics	Image
10175682	Fas-trac III Suspension	SUSPENSION,FT3,PVC SWEATBAND	
10153518	Sweatband Fas-trac III	SWEATBAND,FASTRAC-3,10PK,BAGGED	
10148792	Fas-trac III Suspension Ratchet	SUSPENSION,FASTRAC-3,STD,V-GRD,RATCHET	
10083715	Staz On Suspension	SUSPENSION ASSY.,STAZ-ON,STD V-GD	
10146324-SP	Push Key Suspension	SUSPENSION, PUSH-KEY, PVC	

Accessories

V-Gard® Accessory System Replacement Parts			
Part No.	Product Name	Product Specifics	Image
220553	Chinstrap Elastic	CHINSTRAP ELASTIC MSA	
88128	Chinstrap Elastic	CHINSTRAP, ELASTIC, SHELL ATTACH	
10124238	4-Point Chinstrap (pkg/10)	Flexible, non-metal chinstrap; adjustable Attaches to suspension2 3/4" polyester webbing	
10171104	2-Point Chinstrap (pkg/10)	Flexible, non-metal chinstrap; adjustable 3/4" polyester webbing Attaches to shell	
9100001	2-Point Chinstrap	2 Pt Chinstrap, Textile, V-Gard Helmets	
9100002-SP	4-Point Chinstrap (pkg/10)	CHINSTRAP SPARE,YD,1PKG/1EA	
GA90047	Universal 4-Point Chinstrap	CHIPSTRAP, V-GARD UNIVERSAL 4 pts	
488525	Extension Arm Assy Kit	Welding Adapter Kits - Standard Adapter For Welding Helmets And Sparkgards	
696688	Hard Hat Sweatband	Terri-Band Sweatband Gray, pkg/10 • Custom design fits all MSA suspensions • Washable, with plastic snaps	
224047	Sweatband	Sweatband, Brushed Nylon, Universal, Velcro.	
10117496	Slot Adapters	Slot Adapters, V-Gard Frame, 2 Pairs, Replacement	

Sun Protection

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

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









Eye Protection

Years of experience, state-of-the-art materials, and design technology make MSA eyewear the last word in robustness, style, comfort and fit. MSA eyewear helps the wearer to comply with demanding labour safety regulations, ensures wearer acceptance, and prevents eye injuries caused by mechanical, chemical, or radiation hazards that exist in countless working environments. All MSA spectacles and goggles are made with the best quality optical lenses (Class 1).





Sightgard Safety Glasses

Markets:	Facility maintenance, repair and operations, construction, food and beverage, general manufacturing and industry, mining, oil and gas, pharmaceuticals, transportation, shipbuilding, automotive
Applications:	Assembly and mechanical, drilling, grinding, machining, painting, sanding, sawing
Material:	Polycarbonate
Features:	Anti-fog coating Clear lenses Impact-rated (Z87+) Anti-scratch coating (as noted)
Standards:	ANSI/ISEA Z87.1-2015 and CSA Z94.3 (as noted)
Min Order Qty:	12 (unless otherwise stated)

Eyewear

Part No.	Description	Image
229207C	SPECTACLES, NULLARBOR, HARD COAT ANTIFOG CLEAR LENS	
229207S	SPECTACLES, NULLARBOR, SMOKE LENS	
10033719	SPECTACLES, PYRENEES, GRAY, ANTI-FOG	
10026005	SPECTACLES, AURORA, CLEAR, ANTI-FOG	
10026006	SPECTACLES, AURORA, GRAY, ANTI-FOG	
10026007	SPECTACLES, AURORA, AMBER, ANTI-FOG	
10026008	SPECTACLES, AURORA, BLUE MIRROR, ANTIFOG	
229208CF	SPECTACLES, ARCTIC M, CLEAR ANTI-FOG	
229208S	SPECTACLES, ARCTIC M, SMOKE ANTI-FOG	

Eyewear

Part No.	Description	Image
697514	SPECTACLES, ARCTIC, CLEAR (1 EA)	
220168CF	SPECTACLES, COOL BLOOZ CLEAR AF	
220168L	SPECTACLES, COOL BLOOZ, LIGHT GOLD LENS	
220168S	SPECTACLES, COOL BLOOZ EYEWEAR, SMOKE LENS	
10045517	SPECTACLES, PERSPECTA 9000, CLEAR	
10045519	SPECTACLES, PERSPECTA 9000, AMBER	
10008175	SPECTACLES, RX OVGL, CLEAR, ANTI-FOG	
766758CAF	SPECTACLES, ALTERNATOR - CLEAR ANTI-FOG	
766758SAF	SPECTACLES, ALTERNATOR - SMOKE ANTI-FOG	
766765CAF	SPOGGLE, ALTIMETER - CLEAR ANTI-FOG	
766765SAF	SPOGGLE, ALTIMETER - SMOKE ANTI-FOG	
766761CAF	CHEMPRO GOGGLE - CLEAR ANTI-FOG	
10106270	GOGGLES,SAFETY,SIGHTGARD IV,CLEAR LENS	
10029693	GOGGLE,SAFETY,INDUS.,CLEARVUE 200,CLR	
10106281	GOGGLES,SAFETY,FLEXI-CHEM IV,CLEAR LENS	
459458	GOGGLE RETAINER, FOR CAPS	








MSA Cairns® Fire and Rescue Helmets



WHEN YOU GO IN, WE GO IN WITH YOU.

MSA Cairns Helmets Overview

					
	N6A Houston®	N5A New Yorker®	MSA Cairns® 1836	MSA Cairns® 1010 & 1044	880 Tradition®
PAGE NUMBER	10	10	15	18	20
SHELL					
10-Year Warranty*	■	■	■	■	■
Country of Manufacture	US	US	US	US	US
Leather	■	■			
Fiberglass Composite			■	■	
Thermoplastic					■
SAFETY OPTIONS					
Impact/Thermal Cap	■	■	■	See page 14 for details.	■
Integral Eye/Face Protection			Defender Visor	Defender Visor	
Shell Release System			■	■	
Crumple-zone Front Holder	■	■	■	■	■
STANDARDS COMPLIANCE					
NFPA 1971 (structural)	■		■	■	■
NFPA 1971 (proximity)			■	■	
NFPA 1951 (rescue)					
OSHA 1910.156	■	■	■	■	■




*10-Year Warranty applies only to MSA Cairns Fire Helmets manufactured on or after January 1, 2015. For details on MSA Cairns warranties, visit Fire Helmet product page on MSAFire.com.

Helmet Shell Material

Leather	<ul style="list-style-type: none"> The original MSA Cairns fire helmet 100% top-grain steer hide Impregnated with a natural resin system Hand-tooled by craftsmen N5A New Yorker & N6A Houston models available with Traditional, Bronx, or Boston Bend brim
Fiberglass Composite	<ul style="list-style-type: none"> Most popular MSA Cairns fire helmet material Durable shell material Available in matte or glossy finish 1836, 1010, 1044, 660C, 664 & HP3 models
Thermoplastic	<ul style="list-style-type: none"> Lightest weight material in the MSA Cairns line Available on XF1, 880 & 360S/R/R-13 models

Helmet Style Overview

Traditional	<ul style="list-style-type: none"> Classic fire helmet design Most popular MSA Cairns fire helmet style Generally lower profile than our competitors' traditional helmets Helmets: N5A, N6A, 1836, 1010, 1044 & 880
Modern	<ul style="list-style-type: none"> Lower profile than our traditional style Lower profile than most of our competitors' modern style helmets Helmets: 660C, 664, HP3, & 360S/R/R-13
Jet-Style	<ul style="list-style-type: none"> Lowest profile style Integrated accessories offer snag hazard reduction; includes eye/face protection, communication and lights Matte or glossy finishes Helmet: XF1

				
	660C Metro® & Invader 664®	Commando HP3®	Structural 360S®	Cairns XF1
PAGE NUMBER	24	26	28	34
SHELL				
10-Year Warranty*	■	■	■	■
Country of Manufacture	US	US	US	France
Leather				
Fiberglass Composite	■	■		
Thermoplastic			■	■
SAFETY OPTIONS				
Impact/Thermal Cap	■	■	■	■
Integral Eye/Face Protection	Defender Visor	Defender Visor		Full Faceshield (NFPA) Visor (Z87+)
Shell Release System	■			
Crumple-zone Front Holder				
STANDARDS COMPLIANCE				
NFPA 1971 (structural)	■	■	■	■
NFPA 1971 (proximity)	■			
NFPA 1951 (rescue)		■		■
OSHA 1910.156	■	■	■	■

Helmet Colors (Colors shown are approximate.)

	Black	Yellow	Red	White	Orange	Blue	Green	Pink
N6A Houston	■	■	■	■		■		
NSA New Yorker	■	■	■	■		■		
MSA Cairns 1836	■	■	■	■	■	■	■	■
MSA Cairns 1010	■	■	■	■	■	■	■	■
MSA Cairns 1044	■	■	■	■				
880 Tradition	■	■	■	■	■	■		
660C Metro	■	■	■	■	■	■	■	■
Invader 664	■	■	■	■				
Commando HP3	■	■	■	■	■	■	■	
Structural 360S	■	■	■	■	■	■	■	
Cairns XF1*	■	■	■	■		■		

* Colors available in matte or glossy finish

MSA Cairns Modern Fire & Rescue Helmets

660C Metro & Invader 664

For Structural & Proximity Firefighting

- Two most popular modern helmet models:
 - 660C: painted high-luster finish
 - 664: unpainted matte finish
- Sleek, low-profile design
- Certified to NFPA 1971 (Structural and Proximity)
- Certified for proximity firefighting (with bonnet, shroud, and gold-coated faceshield)
- Hat sizes: 6¾ to 8¾
- Accommodates largest head sizes of any MSA Cairns Fire Helmet



MSA Cairns 660C Metro (shown with Defender visor)



MSA Cairns Invader 664 (shown with Defender visor)

Features & Benefits

FEATURES	BENEFITS
Through-color Fiberglass Composite Shell	Maintains its color even after taking a beating on the fireground
Impact Cap	Provides thermal and impact protection when you need it most
Shell Release System	Retain your impact cap and earlaps if your helmet shell is torn away during a fall or structural collapse
Defender Visor Retractable Eye Protection	Deploys easily when you need it, stores securely inside your helmet shell when you don't
Adjustable Nape Height	Three ratchet height positions to maximize comfort
Adjustable Headband Height	Helps to provide a perfect fit between your helmet and SCBA mask
D-ring Helmet Hanger	Fits on large hooks and resists bending
Removable/washable Nomex Chinstrap	Removable/Washable in 2pt. only. Available only in Quick Release Buckle (QRB) and Postman's Slide (PS). See page 37 for details.

Colors

	Black	Yellow	Red	White	Orange	Blue	Green	Pink
660C Metro	■	■	■	■	■	■	■	■
Invader 664	■	■	■	■				

MSA Cairns Modern Fire & Rescue Helmets

Commando HP3

For Structural Firefighting & USAR

- Sleek, low profile design
- Same shell as 660C with back watershed trimmed off
- Lightest fiberglass helmet
- Painted high-luster finish
- Certified to NFPA 1971 & 1951
- Hat sizes: 6 $\frac{1}{2}$ to 8 $\frac{3}{4}$



(shown with Defender visor)

Features & Benefits

FEATURES	BENEFITS
Through-color Fiberglass Composite Shell	Maintains its color even after taking a beating on the fireground
Impact Cap	Provides thermal and impact protection when you need it most
Defender Visor Retractable Eye Protection	Deploys easily when you need it, stores securely inside your helmet shell when you don't
Adjustable Nape Height	Three ratchet height positions to maximize comfort
Adjustable Headband Height	Helps to provide a perfect fit between your helmet and SCBA mask
D-ring Helmet Hanger	Fits on large hooks and resists bending
Removable/washable Nomex Chinstrap	Removable/Washable in 2pt. or 4pt. Available only in Quick Release Buckle (QRB) and Postman's Slide (PS). See page 37 for details.

Colors

	Black	Yellow	Red	White	Orange	Blue	Green
Commando HP3	■	■	■	■	■	■	■

MSA Cairns Modern Fire & Rescue Helmets

Structural 360S Thermoplastic Helmets

For Structural Firefighting

- Lightweight, low-profile design
- Thermoplastic outer shell
- Structural 360S certified to NFPA 1971
- Hat sizes: 6¾ to 7¾



MSA Cairns Structural 360S
(shown with ESS Innerzone 3 Goggles)

Features & Benefits

FEATURES	BENEFITS
Through-color Thermoplastic Shell	Maintains its color even after taking a beating on the fireground
Impact Cap	Provides thermal and impact protection when you need it most
Adjustable Nape Height	Three ratchet height positions to maximize comfort
Adjustable Headband Height	Helps to provide a perfect fit between your helmet and SCBA mask
D-ring Helmet Hanger	Fits on large hooks and resists bending
Removable/washable Nomex Chinstrap	Removable/Washable in 2pt. or 4pt. Available only in Quick Release Buckle (QRB) and Postman's Slide (PS). See page 37 for details.

Colors

	Black	Yellow	Red	White	Orange	Blue
360 Series	■	■	■	■	■	■

MSA Cairns Modern Fire & Rescue Helmets

Cairns XF1 Fire Helmets



Matte Black



Matte Red



Matte White



Matte Yellow



Glossy Black



Glossy Red



Glossy White



Glossy Yellow

Technical Data

SIZE	
<i>Medium</i>	Head sizes from 6½–7¾
<i>Large</i>	Head sizes from 7¾–8½
WEIGHT	Base helmet (with full faceshield), compliant to NFPA-1971 and NFPA 1951
<i>Medium</i>	55–57 oz. (159 +/- 30 g)
<i>Large</i>	60–62 oz. (170 +/- 30 g)
FINISHES	Matte Glossy
APPROVALS	NFPA 1971, Standard on Protective Ensembles for Structural and Proximity Fire Fighting (current edition) NFPA 1951, Standard on Protective Ensembles for Technical Rescue Incidents (current edition)
SHELL	High temperature thermoplastic (injection molded)
IMPACT LINER	Shock-absorbing polyurethane foam with aramide reinforcement
CHINSTRAP	Kevlar®/Nomex blend
SOFT GOODS & EAR COVERS	Nomex
FULL FACESHIELD	High temperature thermoplastic with AF/AS coatings



Glossy Blue

Colors




	Black	Red	White	Yellow	Blue*
Cairns XF1	■	■	■	■	■


* Glossy finish only



MSA Cairns Fire & Rescue Helmets

MSA Cairns Presentation Helmets & Keychains

- Great for any firefighter
- For display purposes only

	Front Holder		Color
 <p>G64 Leather Presentation Helmet</p>	6" Carved Brass Eagle		Natural
			White
			Yellow
			Black
			Red
 <p>G5A Leather Presentation Helmet</p>	6" Carved Brass Eagle	Size	Color
		Large	Natural
		Large	White
		Large	Yellow
		Large	Black
		Large	Red
		Medium	Natural
		Medium	White
		Medium	Yellow
		Medium	Black
	8" Carved Brass Parade Eagle	Large	Natural
		Large	White
		Large	Black
		Large	Red
		Large	Blue
		Medium	White
	Front Holder	Color	Part No.
 <p>880 Tradition Presentation Helmet</p>	6" Silk-screened Eagle	White	10052929
		Yellow	10052930
		Black	10052925
		Red	10052928
		Blue	10052926
		Orange	10052927
	6" Silk-screened Maltese Cross	White	10052935
		Yellow	10052936
		Black	10052931
		Red	10052934
		Blue	10052932
		Orange	10052933

 <p>1010 Pink Presentation Helmet</p>	
Color	P/N
Pink	10148817

 <p>38</p>	 <p>40</p>
3-inch Leather Keychains	
Styles	
Style No. 38	
Style No. 40	

To order leather presentation helmets, see the **Leather Helmet Assemble-to-Order (ATO) Matrix** on page 12.

MSA Cairns Components & Options

Chinstraps

See P/Ns on p. 55

		
DESCRIPTION	Removable/Washable Chinstrap with QRB and Postman's slide	2-point Black Nomex w/QRB & Postman's Slide

In 2018, MSA Cairns led the industry by offering removable and replaceable soft goods for all structural firefighting helmets. Beginning January 2, 2020, and to maintain alignment with cancer prevention directives recommended by the Firefighter Cancer Support Network (FCSN), MSA Cairns will offer removable, replaceable and washable chinstraps.



Removable/Washable Chinstrap Features

- **Removable/Washable**—The chinstraps are easily removed and replaced so they can be cleaned with other fire helmet soft goods.¹
- **Compliant**—The chinstraps are certified to NFPA 1971-2018 and NFPA 1951-2013 to work on MSA Cairns® Fire Helmets.
- **Shell Release System (SRS)**—The chinstraps maintain the benefit of the Shell Release System (SRS) on the helmets that offer this feature.²
- **Retrofit/Upgrade**—The new chinstraps are easily retrofittable to MSA Cairns Fire Helmets currently in service (manufactured on or before December 2019).³
- **Standard Offering**—The NEW Standard on ALL MSA Cairns Helmets manufactured after January 2, 2020.
- **Ease of Ordering**—With the implementation of the new chinstraps, ONLY chinstraps with Quick Release Buckle (QRB) and Postman's Slide (PS) will be offered.

All MSA Fire Helmets manufactured on or after January 2, 2020, have the new Removable/Washable Chinstraps installed as a standard.

¹ The new chinstraps were washed up to 52 times using the instructions provided in the operating manual.

² SRS is offered on the 1010/44 and 660C/664 MSA Cairns Fire Helmets.

³ For 1010/44 fire helmets manufactured prior to November 2015, a 1010/1044 impact cap replacement upgrade kit will be required; these include the removable chinstrap.

MSA Cairns Fire & Rescue Helmets







Earlaps

Replacement P/Ns: p. 59

EAR COVERS FOR CAIRNS 1836				
STANDARD EARLAPS				
DESCRIPTION	Yellow Nomex	Black Nomex	PBI	Underchin Extension

Reflective Trim

Replacement P/Ns: p. 61

TRIM SHAPE						
	Tetrahedrons	Triple trim tetrahedrons	Stripes	Diamond	Tetrabars & stripes	Accountability Numbers
TRIM COLORS	Lime/Yellow	Lime/Yellow/Silver	Lime/Yellow	Lime/Yellow	Lime/Yellow	White
	Red/Orange*		Red/Orange*	Red/Orange*		
	Blue*	Red/Orange/Silver	Blue*	Blue*	Blue*	

* Not NFPA 1971 compliant

Eye & Face Protection

Eye protection is a required component on all NFPA-compliant MSA Cairns Helmets. MSA NFPA-compliant eye protection options offer the following features and benefits:

- High-temperature options
 - Flame-resistant
 - Easy donning and doffing while wearing gloves
- Anti-fog coating on both sides of the lens for visibility
 - Anti-scratch coating on both sides of the lens for a longer life
 - Easy lens replacement

Defender Visors

Replacement P/Ns: p. 56

Defender Visors offer eye protection from dust, dirt, and grit; their exclusive integral design is retractable for the ultimate in compact convenience. Sleek construction allows fast, easy raising and lowering of the visor even with gloved hands. Standard clear and amber Tuffshield visor options are NFPA-compliant. Defender Visors come standard with black nose-bridge pad.



Eye & Face Protection

NFPA-Compliant Bourkes Eyeshield

The NFPA-compliant Bourkes Eyeshield is:

- Available for MSA Cairns Leather N6A, 1010, 1044 and 880 Fire Helmets on ATOs
- NFPA 1971 compliant
- Side wrapping, with improved coverage compared to Traditional Bourkes
- Fireground-proven, anti-scratch coated, polyarylate lenses
- Lenses are quickly stowed when not in use; easily deployed when needed
- Sturdy metal hardware offers durability under severe fire conditions
- Works with Defender visor or goggles, if additional eye protection is desired
- Available as a replacement kit, complete with lens and hardware
 - PN 10186311 (MSA traditional composite fire helmets)
 - PN 10194911 (MSA leather fire helmets)
- Easy to install—uses the same holes as Traditional Bourkes or shell dimples*

NFPA-compliant Bourkes lenses satisfy NFPA 1971 requirements for eye/face protection and do not require the addition of other eye/face protection.



Replacement P/Ns: p. 55

Faceshields



The MSA Cairns 4" Tuffshield offers thermal and scratch resistance. Available for both Traditional and Modern-style Fire Helmets.



The MSA Cairns 4" Standard Faceshield is a lower-cost alternative for external visors.

Available on Modern-style Fire Helmets.

The MSA Cairns 6" Gold Faceshield is available on select helmets and is compliant to NFPA 1971 for proximity firefighting ONLY.

All MSA Cairns faceshields come supplied with wing protectors for extra face protection. Wing protectors are made of the same fire-proven material found in MSA Cairns faceshield hardware to provide additional strength at high temperatures.

Replacement P/Ns: p. 56

Goggles

MSA Cairns Firefighter Goggles

Our series of NFPA-compliant firefighters' goggles are certified by an independent test lab to meet the performance requirements of NFPA 1971, including the test for exposure to 500° F for 5 minutes (Test Method 7.4.4 Heat and Thermal Shrinkage Resistance Test.).

We offer three goggle styles (differentiated by attachment system):



The **Innerzone 2** model has a snap-on/snap-off attachment to structural helmets. The low-profile post design works with all structural firefighting helmets.



The **Innerzone 3** model has a wrap-around strap that attaches to the back of the helmet with two adhesive-backed hook and loop tabs.



The **MSA Cairns 550 Goggle** has a wrap-around strap that attaches to the back of the helmet with a D-Ring fastener.

Replacement P/Ns: p. 56

**1010/1044 fire helmets only*