FACE
PROTECTION

www.foxcanada.net | sales@foxcanada.net | 1-866-548-8147

HIGH PERFORMANCE® FACESHIELDS

- Exclusive overlay designs; heat and scratch resistant
- Oversized 7" heat resistant crown for extra protection
- Lifetime limited warranty
- Meets ANSI Z87.1 and CSA Z94.3 standards

Headgear and faceshields sold separately

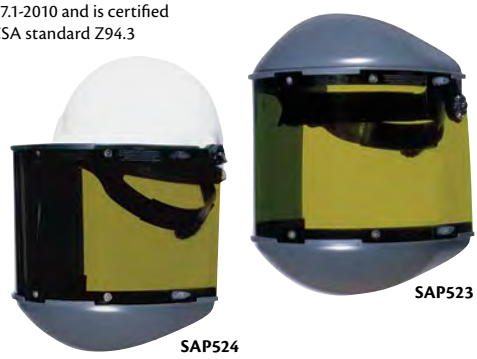
Honeywell FIBRE-METAL

Model No.	Mfg. No.	Description
SAJ463	F-500	Headgear
SAP369	4199CL	Clear, 19" x 9 3/4"
SAR046	4199IRUV3	IR 3.0, 19" x 9 3/4"

ARC FLASH SERIES FACESHIELDS

DUAL CROWN HIGH PERFORMANCE FACESHIELD SYSTEMS

- Full face and neck protection
- Broader, deeper 4" headgear and chin protector, molded from Noryl®
- Available in dual crown ratchet headgear model or duel channel cap peak mounting bracket with chin protector
- High performance injection molded, preformed optically correct propionate faceshield with 25 cal ratings when used as tested
- Meets ANSI standard Z87.1-2010 and is certified to the requirements of CSA standard Z94.3



SAP523

SAP524

Honeywell FIBRE-METAL

Model No.	Mfg. No.	Description
SAP523	FM400DCAF25	Dual crown protective mask and faceshield
SAP524	FM70DCAF25	Dual crown protective mask, faceshield and safety cap

HIGH PERFORMANCE® FACESHIELDS

- High performance faceshields are stronger, more durable and more heat-resistant than ordinary faceshields
- Made from Noryl®, the same material used in Fibre-Metal®'s welding helmets
- Exclusive channel grip system mounts windows and locks them in place to form a perfect seal from dust, dirt and debris
- Deeper 4" crown protector extends protection without increasing weight
- Wide vision 8" x 16.5" wraparound visors provide 40% more protection area than standard size faceshields
- Visors are 0.060" thick for an extra margin of protection

Headgear and faceshield sold separately

Honeywell FIBRE-METAL

Model No.	Mfg. No.	Description
SAM376	F-400	Headgear
SAM377	4178	Clear faceshield
SAM403	4178IR/UV5	IR/UV5 Shade 5.0 faceshield

UVEX TURBOSHIELD FACESHIELDS

- Features hardcoat/anti-fog polycarbonate
- Protection from debris impact and chemical splash, must be used in conjunction with primary eye protection
- Provides superior comfort for longer wear, the easiest visor exchange available, and optimal balance when used with a hard hat
- Perfect for workers exposed to falling or flying objects, impact, splash, and airborne debris; it can also be comfortably worn with most goggles, respirators and earmuffs
- Provides superior comfort for longer wear, the easiest visor exchange available, and optimal balance when used with a hard hat
- Standard(s) Met: CSA Z94.3/ANSI Z87+

Headgear and faceshield sold separately

Honeywell UVEX

Model No.	Mfg. No.	Description
SEJ801	S9510	Hard Hat Adaptor
SEJ802	S9555	Clear, 12 1/2" x 8 1/2"

BIONIC™ SHIELDS

- Lightweight and balanced, ergonomic design for extended use
- Extended chin and top-of-head protection
- Enhanced protection from airborne debris
- Excellent optics and increased visibility
- Easy-to-set ratcheting headgear locking mechanism assures comfortable, secure fit
- Highly adjustable headgear tilts visor nearer or farther from face depending on preference and application
- Easily replaceable visor with dual position choices
- Comfortable cell foam on back of headgear
- Breathable, removable, washable headband
- Comfortably worn with most goggles and respirators
- Meets ANSI standard Z87.1-2010 and is certified to the requirements of CSA standard Z94.3

Honeywell UVEX

Model No.	Mfg. No.	Description
BIONIC™ SHIELDS		
SAK421	S8500	Clear uncoated faceshield
SAK422	S8510	Clear anti-fog hardcoat faceshield
REPLACEMENT FACESHIELDS		
SAK423	S8550	Clear uncoated
SAK424	S8555	Clear anti-fog hardcoat
SAK425	S8560	Shade 3.0, uncoated
SAK426	S8565	Shade 5.0, uncoated
ACCESSORIES		
SA0774	S8580	Replacement headband
SA0775	S8570	Hard hat adapter
SA0776	S8595	Ratchet suspension

PROTECTO-SHIELD® PROLOK® FACESHIELDS

- Impact and splash protection
- Constructed of tough thermoplastic
- Heat resistant brow guard
- Easy sizing and tension adjustment for individual visor positioning
- Faceshields easily attach with no snaps, posts or levers
- Specially designed with a chemical splash drip edge to prevent fluids from splashing down inside the visor

Model No.	Mfg. No.	Description
HEADGEARS		
SG413	11380048	Ratchet Adjustment

Model No.	Mfg. No.	Description	Dimensions H" x W" x D"
FACESHIELDS - MOLDED			
SG418	11390044	Clear, Triton	8 1/2 x 15 x 0.060
SG419	11390047	Clear, Polycarbonate	8 1/2 x 15 x 0.060
SAK431	11390066	Shade 3.0	8 1/2 x 15 x 0.060
SAK432	11390067	Shade 4.0	8 1/2 x 15 x 0.060
SAK433	11390068	Shade 5.0	8 1/2 x 15 x 0.060
SAK434	11390069	Shade 6.0	8 1/2 x 15 x 0.060

SG413

SG418

FACESHIELDS

- Universal hole pattern allows visors to be used with other popular manufacturers' headgear
- Easy attachment without snaps, posts or levers
- Reinforced edge to resist cracking from abuse
- Popular industry sizes and thicknesses
- Aluminum-bound acetate visors form easily for a contoured, customized fit
- Faceshields offer secondary protection and must be worn with spectacles or goggles
- Meets ANSI Z87.1-2010 and is certified to the requirements of the CSA Z84.3

Faceshield sold separately

Honeywell NORTH

170-SB HEADGEARS

- Enables attachment of all Jackson Safety* faceshields
- Spark deflector
- Ratchet suspension

Faceshields sold separately

JACKSON SAFETY Brand

Model No. 138-1613
Mfg. No. 29077

MODEL K HEADGEARS

- Spark deflector
- Soft, absorbent wraparound foam cushioned sweatband gently hugs the natural shape of the head
- Ratchet suspension

Faceshields sold separately

JACKSON SAFETY Brand

Model No. 141-1425
Mfg. No. 14381

CAPSHIELDS

- Ideal for attachment of Jackson Safety* faceshields

137 CAPSHIELDS

- Metal device for non-slotted caps
- Curved aluminum channel and coil spring attachment

138-1550

437 CAPSHIELDS

- All plastic, totally dielectric device for slotted caps
- Curved plastic channel fits over the bill of the cap and includes pivoting blades which snap easily into cap slots
- Faceshields are secured with integral plastic lugs

138-1775

JACKSON SAFETY Brand

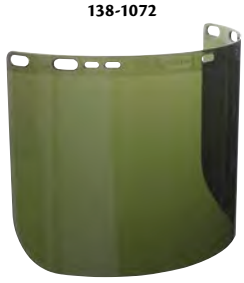
Model No.	Mfg. No.	Description
138-1550	14948	137 Capshield, Cap Coil Spring Attachment
138-1775	14947	437 Capshield, Blade Mounted

FACESHIELDS

- Impact performance
- Good performance against heat
- Excellent cold flexibility
- Meets ANSI standard Z87.1
- Compliant with CSA standard Z94.3

138-1070

138-1072



JACKSON SAFETY Brand

Model No.	Mfg. No.	Dimensions W" x D" x L"	Description	Binding
138-1070	29087	15.5 x 0.060 x 8	F20, Clear - Polycarbonate	Unbound
138-1035	29079	15.5 x 0.040 x 9	F30, Clear - Acetate	Aluminum Bound
138-1072	26262	15.5 x 0.060 x 8	F50, IR/UV 3.0 - Polycarbonate	Unbound
138-1074	29080	15.5 x 0.060 x 8	F50, IR/UV 5.0 - Polycarbonate	Unbound

3M™ H8A HEADGEAR WITH WP96 FACESHIELD

- Combination headgear and faceshield safety system
- Includes H8A ratchet headgear and WP96 polycarbonate faceshield with adjustable ratchet suspension
- Molded faceshield provides impact protection
- Five position crown strap
- Shield tint: Clear
- Certification(s): Meets the requirements of ANSI Z87.1-2003

Model No.	Mfg. No.	Description	Dimensions H" x W" x D"
SDA135	82783-00000	Headgear w/WP96 Faceshields	9 x 14.5 x 0.08
SM817	82701-00000	Replacement WP96 Faceshields	9 x 14.5 x 0.08

FACESHIELDS

Choose from a wide variety of faceshields that fit easily on MSA faceshield frames. Nitrometer faceshields and chin-guards incorporate an additional guard to help protect chin and neck and reduce the chance of upsweep of particles and splash. Faceshields should always be worn with primary eye protection such as high impact resistant spectacle or goggles. All MSA faceshields meet or exceed applicable requirements of ANSI Z87.1.

SEL098

SEL012

SEL099

Model No.	Mfg. No.	Description	Window Dimensions W" x D"
POLYCARBONATE			
SEK030	10115836	Clear, Side Contour	8 x 17
SEL088	10115842	Green Tint, Molded, AF/AS	8 x 17
SEL098	10115853	Clear, Molded	10.375 x 17
PROPIONATE			
SEL084	10115855	Clear, Molded	8 x 17
SEL085	10115851	Clear, Molded	9.25 x 18
MESH			
SEL099	10116557	Mesh w/Plastic Edge	- -
SEL013	10158822	V-Gard, Epoxy-Coated Steel Mesh	- -
ARC FLASH			
SEL107	10115847	Molded, Rated 12.9 Cal/cm²	29.25 x 18
SEL108	10118480	Molded, Nitrometer, Chin Protector	8 x 7.25
FRAME			
SEJ998	10115730	V-Gard, for Slotted Caps, w/Debris Control	
SEL103	10121266	V-Gard, for Slotted Caps	
SEL104	10115821	V-Gard, for Slotted Caps, High Temp, w/Debris Control	
SEL105	10121267	V-Gard, for Slotted Caps, High Temp, w/o Debris Control	
SEL106	10116552	V-Gard, Universal Frame, High Temp, w/Debris Control	
SEL012	10115822	V-Gard, Universal Frame, w/Debris Control	
SEK014	10124426	V-Gard, Universal Frame, High Temp, w/o Debris Control	
SEK015	10121268	V-Gard, Universal Frame, w/o Debris Control	

ZENITH GOGGLES WITH SAFETY SHIELD

- Indirect ventilation and a polycarbonate shield for full face protection
- Face shield detaches from the goggles
- Curved face shield conforms to the shape of the users face for added protection
- Can be used over most prescription eyewear
- Compliant with CSA standard Z94.3

Model No. SEL095

RATCHET FACESHIELDS

- ABS material: Plastic resin forms shell of the headgear
- 5-cam locking system for added impact resistance
- Crown is made of nylon 66
- 4" Sparkgard made of HDPE Plastic
- Large ratchet handle is easy to adjust for optimum fit
- Washable cotton sweatband for better fit and durability
- Meets or exceeds ANSI Z87.1+ standards

Headgear and faceshield sold separately

Model No.	Mfg. No.	Description	Dimensions H" x W" x D"
SA388	103	Ratchet Headgear	-
SA301	181540	Clear Polycarbonate Faceshield	8 x 15 1/2 x 0.040

HEAD & FACE PROTECTION SYSTEMS

CONTAINS:

1 **SAF960** V-Gard® hard hat, yellow
1 **SEJ998** Frame for V-Gard®
1 **SEK030** Clear polycarbonate faceshield
1 **SEL083** Sound Blocker muffs, 21 NRR

Model No. SAM400

CONTAINS:

1 **SAF960** V-Gard® hard hat, yellow
1 **SEJ998** Frame for V-Gard®
1 **SEK030** Clear polycarbonate faceshield

Model No. SAM401

SAM400

SAM401

DYNAMIC
SAFETY INTERNATIONAL

Eye and Face Protection

EPHG300

EPHG300R

High Performance Headgears

TO USE WITHOUT PROTECTIVE CAP

FEATURES & BENEFITS

- Accepts a wide range of faceshield styles
- Large sparkguard provides excellent protection
- Cross strap adjusts to allow an exceptional fit
- Full floating mount sparkguard provides comfortable wear even with heavy faceshield and continuous use
- Comes with pinlock or ratchet adjustment for quick, easy and perfect fit
- Noryl is a very tough material which is resistant to sparks and heat
- The EPHG300 and EPHG300R are not compatible with the EP919 faceshield series

EPHG400R

EPHG700R

PART NO	ADJUSTMENT	MATERIAL	USE
EPHG200	Pinlock	HDPE	Regular
EPHG200R	Ratchet	HDPE	Regular
EPHG300	Pinlock	HDPE	Regular
EPHG300R	Ratchet	HDPE	Regular
EPHG400R	Ratchet	NORYL	Sparks / high heat
EPHG700R	Ratchet	NORYL	Sparks / high heat

EPHG401R

EPHG701R

High Performance Cap Mounted Headgears

TO USE WITH HARD HATS

FEATURES & BENEFITS

- Accepts a wide range of faceshield styles
- Large sparkguard provides excellent protection
- Includes (1) EPHC01 “Cap Lock” kit complete with blades for slotted cap
- Full floating mount sparkguard provides comfortable wear even with heavy faceshield and continuous use
- Noryl is a very tough material which is resistant to sparks and heat

PART NO	MATERIAL	USE
EPHG401R	NORYL	Sparks / high heat
EPHG701R	NORYL	Sparks / high heat

EPHGC500 shown with EPHG401R headgear and EP919PFT40 visor

EPHGC500

Chin Protector

TO USE WITH ALL TYPES OF HEADGEARS

PART NO	MATERIAL	USE
EPHGC500	NORYL	Sparks / high heat

EPB101

EPB101VD

EPB102

EPB103

EPB201

EPB201VD

EPB301

High Performance Faceshield Brackets

TO USE WITH PROTECTIVE CAPS

FEATURES & BENEFITS

- Accepts a wide range of faceshield styles
- Attachment system designed to accommodate many competitor's faceshields
- Swivel system to raise or lower faceshield

PART NO	DESCRIPTION
EPB101	Plastic bracket, totally dielectric and blades for slotted hard hats. Available September 2019
EPB101VD	Plastic bracket, totally dielectric and blades for slotted hard hats with debris control rubber cover
EPB101VDV	Plastic bracket, totally dielectric and comes with a rubber band to fit any hard hat with debris control rubber cover
EPB102	High Performance Face Shield Bracket Plastic, Totally Dielectric To be used with Full Brim Hats
EPB103	High Performance Face Shield Bracket to be used with THE ROCKY climbing hat Model HP141R and HP142R
EPB201	Aluminum bracket, heat resistant, with Cam lock system
EPB201VD	Aluminum bracket, heat resistant, with Cam lock system with debris control rubber cover
EPB301	High Performance Face Shield Bracket, heat resistant, aluminum cam lock system, fit most wide brim hard hats

EPHC01

EPHC02

Cap-Lock Adapter Kit

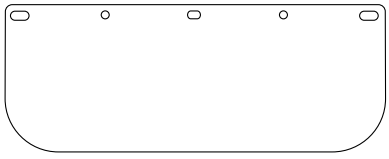
TO USE WITH HEADGEAR, BRACKETS & WELDING HELMET

FEATURES & BENEFITS

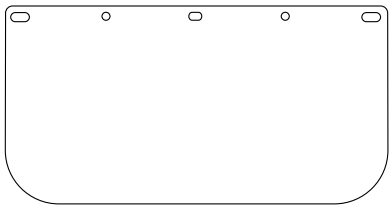
- To attach welding helmets, headgears or brackets to a hard hat
- Fits easily on to most hard hats with slots
- Quick & Easy snap on and off feature
- Will accommodate narrow welding helmet if used with the extension

PART NO	DESCRIPTION
EPHC01	Cap lock adaptor kit with extension pieces
EPHC02	Cap lock blades only

High Performance Faceshield Visors Windows



EP615



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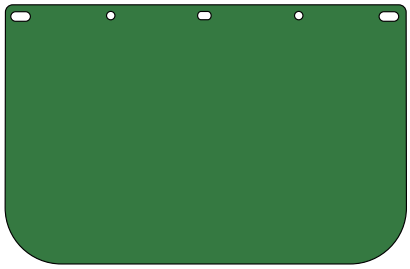

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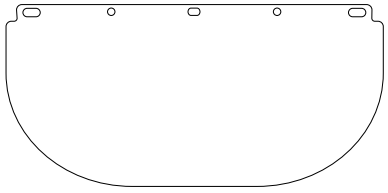
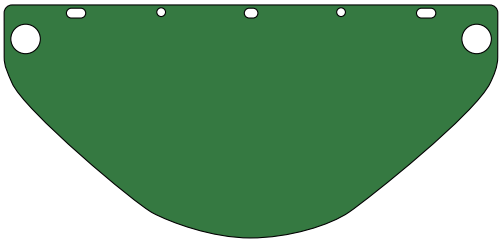


EP816



EP919PG

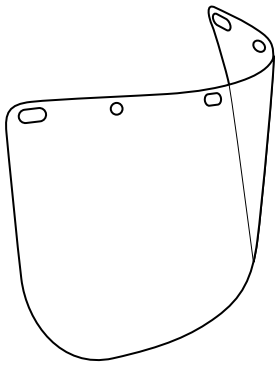
DIE CUT WINDOWS - FLAT

FEATURES & BENEFITS

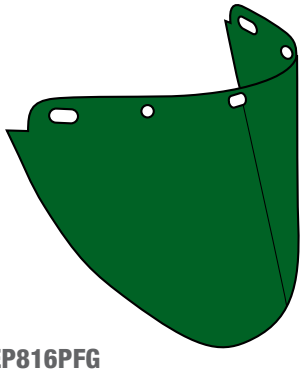
- All the visors, faceshields and windows offer the multi-fit attachment pattern (or universal fit). This pattern consists of 5 slots strategically located to fit a wide variety of headgear and brackets
- 2 types of materials are available: PETG and Polycarbonate
- 2 thicknesses of material are available .040 in / 1.0mm and .060 in / 1.5 mm
- Clear and green colors of materials are available on certain products

PART NO	SIZE	MATERIAL	COLOR	THICKNESS
EP615/40	6 x 15 ½	PETG	Clear	0.040 in /1.0 mm
EP811/40	8 x 11	PETG	Clear	0.040 in /1.0 mm
EP811/60	8 x 11	PETG	Clear	0.060 in /1.5 mm
EP811P/60	8 x 11	Polycarbonate	Clear	0.060 in /1.5 mm
EP815/40	8 x 15 ½	PETG	Clear	0.040 in /1.0 mm
EP815/60	8 x 15 ½	PETG	Clear	0.060 in /1.5 mm
EP815P/40	8 x 15 ½	Polycarbonate	Clear	0.040 in /1.0 mm
EP815PG/40	8 x 15 ½	Polycarbonate	Green	0.040 in/1.0 mm
EP815P/60	8 x 15 ½	Polycarbonate	Clear	0.060 in /1.5 mm
EP1015/40	10 x 15 ½	PETG	clear	0.040 in /1.0 mm
EP1015/60	10 x 15 ½	PETG	Clear	0.060 in /1.5 mm
EP1015P/40	10 x 15 ½	Polycarbonate	Clear	0.040 in /1.0 mm
EP1015PG/40	10 x 15 ½	Polycarbonate	Green	0.040 in /1.0 mm
EP1015P/60	10 x 15 ½	Polycarbonate	Clear	0.060 in /1.5 mm
EP816/40	8 x 16 ½	PETG	Clear	0.040 in /1.0 mm
EP816/60	8 x 16 ½	PETG	Clear	0.060 in /1.5 mm
EP816P/40	8 x 16 ½	Polycarbonate	Clear	0.040 in /1.0 mm
EP816PG/40	8 x 16 ½	Polycarbonate	Green	0.040 in /1.0 mm
EP816P/60	8 x 16 ½	Polycarbonate	Clear	0.060 in /1.5 mm
EP919/40	9 ½ x 20	PETG	Clear	0.040 in /1.0 mm
EP919/60	9 ½ x 20	PETG	Clear	0.060 in /1.5 mm
EP919P/40	9 ½ x 20	Polycarbonate	Clear	0.040 in /1.0 mm
EP919PG/40	9 ½ x 20	Polycarbonate	Green	0.040 in /1.0 mm
EP919P/60	9 ½ x 20	Polycarbonate	Clear	0.060 in /1.5 mm

High Performance Faceshield Visors Windows



EP815PF



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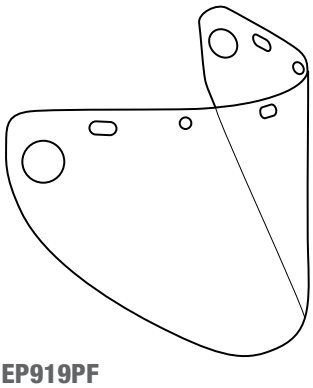


EP919PF

FORMED WINDOWS

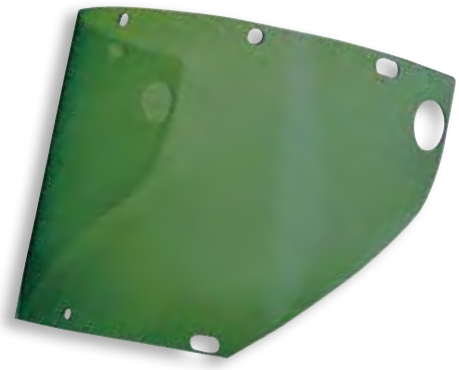
FEATURES & BENEFITS

- All the visors and faceshields offer the multi-fit attachment pattern (or universal fit). This pattern consists of 5 slots strategically located to fit a wide variety of headgear and brackets
- Made of Polycarbonate material
- 2 thicknesses of material are available .040 in/1.0mm and .060 in/ 1.5 mm
- 2 colors of material available, Green and Clear

PART NO	SIZE	MATERIAL	COLOR	THICKNESS
EP811PF/60	8 x 11	Polycarbonate	Clear	0.060 in /1.5 mm
EP811F/60	8 x 11	PETG	Clear	0.060 in /1.5 mm
EP815PF/40	8 x 15 ½	Polycarbonate	Clear	0.040 in /1.0 mm
EP815PFG/40	8 x 15 ½	Polycarbonate	Green	0.040 in /1.0 mm
EP815PF/60	8 x 15 ½	Polycarbonate	Clear	0.060 in /1.5 mm
EP815F/60	8 x 15 ½	PETG	Clear	0.060 in /1.5 mm
EP816PF/40	8 x 16 ½	Polycarbonate	Clear	0.040 in /1.0 mm
EP816PFG/40	8 x 16 ½	Polycarbonate	Green	0.040 in /1.0 mm
EP816PF/60	8 x 16 ½	Polycarbonate	Clear	0.060 in /1.5 mm
EP816PFG/60	8 x 16 ½	Polycarbonate	Green	0.060 in /1.5 mm
EP816F/60	8 x 16 ½	PETG	Clear	0.060 in /1.5 mm
EP919PF/40	9 ½ x 20	Polycarbonate	Clear	0.040 in /1.0 mm
EP919PFG/40	9 ½ x 20	Polycarbonate	Green	0.040 in /1.0 mm
EP919PF/60	9 ½ x 20	Polycarbonate	Clear	0.060 in /1.5 mm
EP919F/60	9 ½ x 20	PETG	Clear	0.060 in /1.5 mm
EP919PFG/60	9 ½ x 20	Polycarbonate	Green	0.060 in /1.5 mm

High Performance Faceshield Visors Windows

EP815PFGT/40



EP919PFGT/40

FORMED WINDOWS (SPECIALITIES)

FEATURES & BENEFITS

- All the visors and faceshields offer the multi-fit attachment pattern (or universal fit). This pattern consists of 5 slots strategically located to fit a wide variety of headgear and brackets
- Made of Polycarbonate material
- All molded faceshields are made of Polycarbonate
- 2 colors of material available, Green and Clear

PART NO	SIZE	MATERIAL	COLOR	THICKNESS
With Holes at the Bottom Fitting to the Chin Guard EPHGC500				
EP815PFT/40	8 x 15 ½	Polycarbonate	Clear	0.040 in /1.0 mm
EP815PFT/60	8 x 15 ½	Polycarbonate	Clear	0.060 in /1.5 mm
EP815PFGT/40	8 x 15 ½	Polycarbonate	Green	0.040 in /1.0 mm
EP815PFGT/60	8 x 15 ½	Polycarbonate	Green	0.060 in /1.5 mm

High Performance Faceshield Visors Windows

MOLDED WINDOWS

EP815M/60

FEATURES & BENEFITS

- All visors and faceshields offer the multi-fit attachment pattern (or universal fit)
- All molded faceshields are made of PETG or Policarbonate of .060 in / 1.5mm thickness
- PETG has the same physical properties as Proprionate and reacts the same way when scratched (the scratches stay clear and do not affect your vision)

EP919MG5/60

EP919MG/60

EP919M/60

PART NO	SIZE	MATERIAL	COLOR	THICKNESS
EP815M/60	8 x 15 ½	PETG	Clear	0.060 in /1.5 mm
EP815MG/60	8 x 15 ½	PETG	Green	0.060 in /1.5mm
EP815MG3/60	8 x 15 ½	PETG	Green Shade 3	0.060 in /1.5mm
EP815MG5/60	8 x 15 ½	PETG	Green Shade 5	0.060 in /1.5mm
EP919M/60	9 ½ x 20	Polycarbonate	Clear	0.060 in /1.5 mm
EP919MG/60	9 ½ x 20	Polycarbonate	Green	0.060 in /1.5 mm
EP919MG3/60	9 ½ x 20	Polycarbonate	Green Shade 3	0.060 in /1.5 mm
EP919MG5/60	9 ½ x 20	Polycarbonate	Green Shade 5	0.060 in /1.5 mm

DYNAMIC SAFETY INTERNATIONAL

High Performance Faceshield Visors Windows

EP919MGAF/60

ARC FLASH WINDOW

Protect yourself against hazards from glares of light produced by electric arcs by using Dynamic protection system. Electric arcs are produced by an electric shock that result in an electromagnetic explosion of energy from fragments of fused metal being able to cause serious wounds. "Arc Flash" faceshield from Dynamic are conceived in order to provide to the user best possible vision and protection at work.

FEATURES & BENEFITS

- 9.9 Cal/Cm^2 et 12 Cal/Cm^2
- Special formulation
- Complete panoramic vision
- Molded faceshield that offers a clear vision without any distortion
- Perfect definition of colors
- Made of Polycarbonate highly resistant to the impacts and chemical splashes
- Curved faceshield to cover the entire face and chin ensuring you of a total protection
- Meets CSA Z94.3-15 standards and ANSI Z87.1 requirements
- Meets ASTM F-2178-6 and NFPA 70E standards

PART NO	SIZE	MATERIAL	COLOR	THICKNESS
EP919MGAF/60	9 1/2" x 20"	Polycarbonate	Green	0.060/1.5MM 12 CAL

High Performance Faceshield Visors Windows

EPAFK01

ARC FLASH WINDOWS AND ACCESSORIES KITS

PART NO	DESCRIPTION
EPAFK01	"ARC FLASH" kit including: (1) headgear #EPHG700R and (1) visor #EP919MGAF/60 12 CAL
EPAFK04	"ARC FLASH" kit including: (1) hard hat #HP841R, (1) headgear #EPHG701R and (1) visor #EP919MGAF/60 12 CAL

EPWM815
shown with EPB103
on HP141R/02 hard hat

WIRE MESH VISOR

Faceshield for landscaping, forestry workers, pruners etc. Can be worn with any brackets or in combination with our hearing protectors.

PART NO	DESCRIPTION
EPWM815	Wire mesh visor of 8" x 15 1/2"
EPPM815	Plastic mesh visor of 8" x 15 1/2"

Dyna-Star Full Graphic Welding Helmet

WITH DYNAMIC "SURE-LOCK" RATCHET SUSPENSION TO USE WITHOUT PROTECTIVE CAP

EP209G10AD/C

FEATURES & BENEFITS

- Thermoplastic welding helmet
- 5.25" x 4.5" fixed front
- Wide vision impulse auto darkening filter plus cover plate
- Ratchet headgear suspension
- Choice of 3 different graphic styles: (A) Flame, (B) Face Off or (C) Volcano

PART NO	FRONT	LENS SHADE	LENS SIZE
EP209G10AD	Fixed	ADF, Shade #10	5.25" x 4.5"
EP209G913AD	Fixed	Variable, Shade #9 to 13	5.25" x 4.5"

EP4209G10AD/A

EP4209G10AD/B

Dyna-Star Full Graphic Welding Helmet

TO USE WITH PROTECTIVE CAP

FEATURES & BENEFITS

- Thermoplastic welding helmet
- 5.25" x 4.5" fixed front
- Wide vision impulse auto darkening filter plus cover plate
- Include (1) EPHC01 "Cap Lock" kit complete with blades for slotted cap
- Choice of 3 different graphic styles: (A) Flame, (B) Face Off or (C) Volcano

PART NO	FRONT	LENS SHADE	LENS SIZE
EP4209G10AD	Fixed	ADF, Shade #10	5.25" x 4.5"
EP4209G913AD	Fixed	Variable, Shade #9 to 13	5.25" x 4.5"

Dyna-Star Classic Welding Helmet

WITH DYNAMIC "SURE-LOCK" RATCHET SUSPENSION TO USE WITHOUT PROTECTIVE CAP

EP209B10AD

FEATURES & BENEFITS

- Thermoplastic welding helmet
- 5.25" x 4.5" fixed front
- Wide vision impulse auto darkening filter plus cover plate
- Ratchet headgear suspension
- Available in black or silver color

PART NO	FRONT	LENS SHADE	LENS SIZE	HELMET COLOR
EP209B10AD	Fixed	ADF, Shade #10	5.25" x 4.5"	Black
EP209S10AD	Fixed	ADF, Shade #10	5.25" x 4.5"	Silver
EP209B913AD	Fixed	Variable, Shade #9 to 13	5.25" x 4.5"	Black
EP209S913AD	Fixed	Variable, Shade #9 to 13	5.25" x 4.5"	Silver

Dyna-Star Classic Welding Helmet

TO USE WITH PROTECTIVE CAP

EP4209S10AD

FEATURES & BENEFITS

- Thermoplastic welding helmet
- 5.25" x 4.5" fixed front
- Wide vision impulse auto darkening filter plus cover plate
- Include (1) EPHC01 "Cap Lock" kit complete with blades for slotted cap
- Available in black or silver color

PART NO	FRONT	LENS SHADE	LENS SIZE	HELMET COLOR
EP4209B10AD	Fixed	ADF, Shade #10	5.25" x 4.5"	Black
EP4209S10AD	Fixed	ADF, Shade #10	5.25" x 4.5"	Silver
EP4209B913AD	Fixed	Variable, Shade #9 to 13	5.25" x 4.5"	Black
EP4209S913AD	Fixed	Variable, Shade #9 to 13	5.25" x 4.5"	Silver

SuperTuff Black Basic Welding Helmet

WITH DYNAMIC "SURE-LOCK" RATCHET SUSPENSION TO USE WITHOUT PROTECTIVE CAP

EP101

FEATURES & BENEFITS

- Black thermoplastic welding helmet
- 2" x 4.25" lift or fixed front or 4.5" x 5.25" fixed front
- Ratchet headgear suspension
- Available in black color only

PART NO	FRONT	LENS SHADE	LENS SIZE
EP101	Fixed	Polycarbonate Shade #10	2" x 4.25"
EP101AD	Fixed	ADF, Shade #10	2" x 4.25"
EP106	Lift	Polycarbonate Shade #10	2" x 4.25"
EP109	Fixed	Polycarbonate Shade #10	4.5" x 5.25"

EP109

SuperTuff Black Basic Welding Helmet

TO USE WITH PROTECTIVE CAP

EP4106

FEATURES & BENEFITS

- Black thermoplastic welding helmet
- 2" x 4.25" lift or fixed front or 4.5" x 5.25" fixed front
- Include (1) EPHC01 "Cap Lock" kit complete with blades for slotted cap
- Available in black color only

PART NO	FRONT	LENS SHADE	LENS SIZE
EP4101	Fixed	Polycarbonate Shade #10	2" x 4.25"
EP4101AD	Fixed	ADF, Shade #10	2" x 4.25"
EP4106	Lift	Polycarbonate Shade #10	2" x 4.25"
EP4109	Fixed	Polycarbonate Shade #10	4.5" x 5.25"

Dyna-Weld Class II Welding Helmet

WITH DYNAMIC "SURE-LOCK" RATCHET SUSPENSION TO USE WITHOUT PROTECTIVE CAP

EP509

FEATURES & BENEFITS

- The only class II welding helmet on the market
- Made of black thermoplastic
- 2" x 4.25" lift or fixed front OR
- 5.25" x 4.5" lift or fixed front
- Also available with ADF filter plate
- Ratchet headgear suspension
- Available in black color only

PART NO	FRONT	LENS SHADE	LENS SIZE
EP501	Fixed	Polycarbonate Shade #10	2" x 4.25"
EP501AD	Fixed	ADF Shade #10	2" x 4.25"
EP506	Lift	Polycarbonate Shade #10	2" x 4.25"
EP509	Fixed	Polycarbonate Shade #10	4.5" x 5.25"
EP509AD	Fixed	ADF Shade #10	4.5" x 5.25"
EP509AD13	Fixed	ADF Shade #9-13	4.5" x 5.25"

Dyna-Weld Class II Welding Helmet

TO USE WITH PROTECTIVE CAP

EP7101

FEATURES & BENEFITS

- The only class II welding helmet on the market
- Made of back thermoplastic
- 2" x 4.25" lift or fixed front OR
- 5.25" x 4.5" lift or fixed front
- Also available with ADF filter plate
- Include (1) EPHC01 "Cap Lock" kit complete with blades for slotted cap
- Available in black color only

PART NO	FRONT	LENS SHADE	LENS SIZE
EP7101	Fixed	Polycarbonate Shade #10	2" x 4.25"
EP7101AD	Fixed	ADF Shade #10	2" x 4.25"
EP7106	Lift	Polycarbonate Shade #10	2" x 4.25"
EP7109	Fixed	Polycarbonate Shade #10	4.5" x 5.25"
EP7109AD	Fixed	ADF Shade #10	4.5" x 5.25"
EP7109AD13	Fixed	ADF Shade #9-13	4.5" x 5.25"

Welding Filter Lens and Cover Plates

Full line of filters, lens, cover plates and magnifiers. Includes top quality glass or plastic plates and lenses for virtually every metal fabrication application.

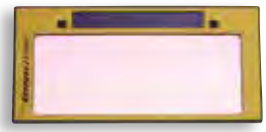
EP189

EP45P50

EP24P100

EP45CP50

EP24CP100



EP160

EP190

MAGNIFIERS GLASS

PART NO	SIZE	DIOPTER
EP189/150	2" x 4.25"	1.5
EP189/175	2" x 4.25"	1.75
EP189/200	2" x 4.25"	2.00

MAGNIFIERS POLYCARBONATE

PART NO	SIZE	DIOPTER
EP182/150	2" x 4.25"	1.5
EP182/175	2" x 4.25"	1.75
EP182/200	2" x 4.25"	2.00

REPLACEMENT POLYCARBONATE FILTER PLATES

PART NO	SIZE	SHADE
EP24P100	2" x 4.25"	9, 10, 11 or 12
EP45P50	4.5" x 5.25"	9, 10, 11 or 12

SAFETY COVER PLATES

PART NO	SIZE	MATERIAL TYPE
EP24CP100	2" x 4.25"	Polycarbonate
EP45CP50	4.5" x 5.25"	Polycarbonate

AUTO DARKENING FILTER (ADF) CASSETTES

PART NO	SIZE	SHADE
EP160	2" x 4.25"	10
EP170	4.5" x 5.25"	10
EP190	4.5" x 5.25"	Variable, shade 9 to 13

Faceshields / Headgear Compatibility

HEADGEAR MODELS	COMPATIBLE FACESHIELD VISORS
EPHG300 & EPHG300R	EP615/40, EP815/40, EP815/60, EP815P/40, EP815PG/40, EP815P/60, EP1015/40, EP1015/60, EP1015P/40, EP1015PG/40, EP1015P/60, EP816/40, EP816/60, EP816P/40, EP816PG/40, EP816P/60, EP815PF/40, EP815PFG/40, EP815PF/60, EP816PF/40, EP816PFG/40, EP816PF/60, EP815M/60, EP815MG/60, EP815MG3/60, EP815MG5/60, EP615PF/40, EP615PFG/40, EP815PFT/40, EP815PFT/60, EP815PFGT/40, EP815PFGT/60 & EP815MGAFT/60
EPHG400R, EPHG700R, EPHG401R & EPHG701R	EP615/40, EP815/40, EP815/60, EP815P/40, EP815PG/40, EP815P/60, EP1015/40, EP1015/60, EP1015P/40, EP1015PG/40, EP1015P/60, EP816/40, EP816/60, EP816P/40, EP816PG/40, EP816P/60, EP919/40, EP919/60, EP919P/40, EP919PG/40, EP919P/60, EP815PF/40, EP815PFG/40, EP815PF/60, EP816PF/40, EP816PFG/40, EP816PF/60, EP919PF/40, EP919PFG/40, EP919F/60, EP815M/60, EP815MG/60, EP815MG3/60, EP815MG5/60, EP919M/60, EP919MG/60, EP919MG3/60, EP919MG5/60, EP615PF/40, EP615PFG/40, EP815PFT/40, EP815PFT/60, EP815PFGT/40, EP815PFGT/60, EP919PFT/40, EP919PFT/60, EP919PFGT/40, EP919PFGT/60, EP919MGAF/60, EP919MGAFT/60 & EP815MGAFT/60
EPB101, EPB101VD, EPB101VDV, EPB102, EPB103, EPB201, EPB201VD & EPB301	EP615/40, EP815/40, EP815/60, EP815P/40, EP815PG/40, EP815P/60, EP1015/40, EP1015/60, EP1015P/40, EP1015PG/40, EP1015P/60, EP816/40, EP816/60, EP816P/40, EP816PG/40, EP816P/60, EP919/40, EP919/60, EP919P/40, EP919PG/40, EP919P/60, EP815PF/40, EP815PFG/40, EP815PF/60, EP816PF/40, EP816PFG/40, EP816PF/60, EP919PF/40, EP919PFG/40, EP919F/60, EP815M/60, EP815MG/60, EP815MG3/60, EP815MG5/60, EP919M/60, EP919MG/60, EP919MG3/60, EP919MG5/60, EP615PF/40, EP615PFG/40, EP815PFT/40, EP815PFT/60, EP815PFGT/40, EP815PFGT/60, EP919PFT/40, EP919PFT/60, EP919PFGT/40, EP919PFGT/60, EP919MGAF/60, EP919MGAFT/60 & EP815MGAFT/60
Earmuffs with EPB101, EPB101VD, EPB102 & EPB103	EP615/40, EP815/40, EP815/60, EP815P/40, EP815PG/40, EP815P/60, EP1015/40, EP1015/60, EP1015P/40, EP1015PG/40, EP1015P/60, EP816/40, EP816/60, EP816P/40, EP816PG/40, EP816P/60, EP815PF/40, EP815PFG/40, EP815PF/60, EP816PF/40, EP816PFG/40, EP816PF/60, EP815M/60, EP815MG/60, EP815MG3/60, EP815MG5/60, EP615PF/40, EP615PFG/40, EP815PFT/40, EP815PFT/60, EP815PFGT/40 & EP815PFGT/60

MSA **Safety Equipment Catalog**

Volume 19, Number 1
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MSA
The Safety Company

WE KNOW WHAT'S AT STAKE.

V-Gard H1 Climbing Helmets: Standards

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

** Pending approval.*

V-Gard H1 Climbing Helmet Accessories

PART NO.	10194818	10194819	10194820	10217333
NAME	V-Gard H1 Clear Face Shield	V-Gard H1 Mesh/Forestry Face Shield	V-Gard H1 Half-Face Spectacles	V-Gard H1 Half-Face Spectacles
COLOR	Clear	Mesh	Clear	Smoke
PRODUCT SPECIFICS	• Clear polycarbonate contoured visor for closer fit and optimal resistance to impact and splash hazards • Simple push button donning and doffing on the V-Gard H1 Safety Helmet—no additional frames or adapters required • Dual pivot hinge maintains a low profile to the helmet when stowed for improved balance and wind resistance • Frameless design with anti-fog and anti-scratch coatings for greater visibility	• Steel mesh contoured visor for closer fit and optimal protection from flying chips and other light debris • Simple push button donning and doffing on the V-Gard H1 safety helmet—no additional frames or adapters required • Dual pivot hinge maintains a low profile to the helmet when stowed for improved balance and wind resistance	• Clear polycarbonate contoured spectacles for closer fit and optimal resistance to impact and splash hazards • Simple push button donning and doffing on the V-Gard H1 safety helmet—no additional frames or adapters required • Dual pivot hinge maintains a low profile to the helmet when stowed for improved balance and wind resistance • Frameless design with anti-fog and anti-scratch coatings for greater visibility	• Smoke-shaded polycarbonate contoured spectacles for closer fit and improved resistance to impact and splash hazards • Simple push button donning and doffing on the V-Gard H1 safety helmet—no additional frames or adapters required • Dual pivot hinge maintains a low profile to the helmet when stowed for improved field of vision and wind resistance • Frameless design coupled with anti-fog & anti-scratch coatings improve visibility
APPROVALS	• ANSI/ISEA Z87.1-2015 • CSA Z94.3 • EN 166	• ANSI/ISEA Z87.1-2015 • EN 1731	• ANSI/ISEA Z87.1-2015 • CSA Z94.3 • EN 166	• ANSI/ISEA Z87.1-2020 • CSA Z94.3 • EN 166

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

V-Gard Universal Cap Frame

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

NEW!

PART NO.	10187163
PRODUCT SPECIFICS	Replacement debris wiper

PART NO.	10187251
PRODUCT SPECIFICS	Replacement rubber strap

V-Gard Frames for General Purposes

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

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

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

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

Min Order Qty: 10

PART NO.	10115730	10121266
MATERIAL	High density polyethylene (HDPE)	High density polyethylene (HDPE)
DEBRIS CONTROL	Includes replaceable debris control which creates tight seal between frame and cap	Debris control sold separately
PRODUCT SPECIFICS	• Fits all MSA Slotted Caps • Stowable slot adaptors secure frame tightly in slotted MSA caps, and allow frame to work with or without earmuffs[2] • Sliding adjustment bladesallow visor to work with most half-mask respirators and other PPE worn under a visor	• Fits all MSA Slotted Caps[3] • Stowable slot adaptors secure frame tightly in slotted MSA caps, and allow frame to work with or without earmuffs[2] • Sliding adjustment blades allow visor to work with most half-mask respirators and other PPE worn under a visor

⚠ WARNING

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

[1]Standards requirements met by each V-Gard Frame/V-Gard Visor combination designated on each V-Gard Visor.
[2]Patent pending
[3]MSA recommends the use of debris control on V-Gard frames when wearing BOTH large V-Gard molded Visors and cap-mounted earmuffs.
[4]MSA does not recommend the use of the V-Gard Universal Frame with the MSA SmoothDome when using cap-mounted muffs and large V-Gard molded Visors. The V-Gard Frame for Slotted Caps should be worn with this particular combination.

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

V-Gard Frames for Elevated Temperature Applications

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

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

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

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

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

Min Order Qty: 10

PART NO.	10115821	10121267	10116552
MATERIAL	Polycarbonate – all non-metal construction	Polycarbonate – all non-metal construction	Polycarbonate – all non-metal construction
DEBRIS CONTROL	Replaceable debris control tested against EN 166 hot solids requirements	Debris control sold separately[3]	Replaceable debris control tested against EN 166 hot solids requirements
PRODUCT SPECIFICS	• Stowable slot adaptors secure frame tightly in slotted MSA caps, and allow frame to work with or without earmuffs[2] • Sliding adjustment blades allow visor to work with most half-mask respirators and other PPE worn under a visor	• Stowable slot adaptors secure frame tightly in slotted MSA caps, and allow frame to work with or without earmuffs • Sliding adjustment blades allow visor to work with most half-mask respirators and other PPE worn under a visor	• Heavy duty flat rubber strap allows easy and secure placement on all MSA caps, including non-slotted models[4] • Design allows use with other PPE, including MSA earmuffs and respirators

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

V-Gard Frames for General Purposes

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

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

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

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

Min Order Qty: 10

PART NO.	10116627
MATERIAL	High density polyethylene (HDPE)
DEBRIS CONTROL	Offered without debris control ONLY
PRODUCT SPECIFICS	• Heavy duty flat rubber strap allows easy and secure placement on all MSA hats, including non-slotted models • Design allows use with other PPE, including MSA earmuffs and respirators • Fits MSA Full-Brim Safety Helmets

V-Gard Frames for Elevated Temperature Applications

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

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

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

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

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

Min Order Qty: 10

PART NO.	10116628
MATERIAL	Polycarbonate – all non-metal construction
DEBRIS CONTROL	Offered without debris control ONLY
PRODUCT SPECIFICS	• Heavy duty flat rubber strap allows easy and secure placement on all MSA hats, including non-slotted models • Design allows use with other PPE, including MSA earmuffs and respirators • Fits MSA Full-Brim Safety Helmets

[1]Standards requirements met by each V-Gard Frame/V-Gard Visor combination designated on each V-Gard Visor.
[2]Patent pending
[3]MSA recommends the use of debris control on V-Gard frames when wearing BOTH large V-Gard molded Visors and cap-mounted earmuffs.
[4]MSA does not recommend the use of the V-Gard Universal Frame with the MSA SmoothDome when using cap-mounted muffs and large V-Gard molded Visors. The V-Gard Frame for Slotted Caps should be worn with this particular combination.

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

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

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

V-Gard Frames for General Purposes

PART NO.	10154622	10154604
MATERIAL	Polybutylene terephthalate (PBT)	Polybutylene terephthalate (PBT)
DEBRIS CONTROL	Sold with replaceable debris control which creates tight seal between frame and hat	Debris control sold separately
PRODUCT SPECIFICS	• Fits MSA Slotted Full Brim Hats • Sliding adjustment blades allow visor to work with most half-mask respirators and other PPE worn under a visor • Patented Infini-just allows lift/closure adjustment using grippable knobs that can't be lost [2]	• Fits MSA Slotted Full Brim Hats • Sliding adjustment blades allow visor to work with most half-mask respirators and other PPE worn under a visor • Patented Infini-just allows lift/closure adjustment using grippable knobs that can't be lost [2]

Debris Control

PART NO.	10155838
MATERIAL	All rubber construction
DEBRIS CONTROL	Exceeds EN requirements for molten metal
PRODUCT SPECIFICS	• Debris Control for V-Gard Slotted Full Brim Hat Frames

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

V-Gard Frames for General Purposes and Elevated Temperature Applications

Markets: Manufacturing; construction; steel/smelting operations
Applications: Machine operation, maintenance, millwright, extrusion, drilling, blasting, casting/conveying

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

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

⚠ WARNING

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

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

V-Gard Visors: General Purpose

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

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

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

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

Min Order Qty: 10

PART NO.	**10144486**	**10115836**	**10115837**
MATERIAL	Polycarbonate – clear	Polycarbonate – clear	Polycarbonate – clear
FEATURES	• Maximum UV protection • Impact-rated (Z87+)		
PRODUCT SPECIFICS	• 5″ (14.61 cm) x 17″ (43.2 cm) x .04″ (1.02 mm) • Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors • Contoured visor; closer fit and improved resistance to impact and splash hazards • Approved to ANSI and CSA[2] standards; does not meet EN standards	• 8″ (20.3 cm) x 17″ (43.2 cm) x .04″ (1.02mm) • Contoured visor; closer fit and improved resistance to impact and splash hazards	• 8″ (20.3 cm) x 17″ (43.2 cm) x .04″ (1.02mm) • Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors • Contoured visor; closer fit and improved resistance to impact and splash hazards

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

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

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

V-Gard Visors: General Purpose

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

Standards[1]: ANSI/ISEA Z87.1-2015; CSA Z94.3 and EN 166 (2C-1.2 MSA 1B); AS/NZS 1337 (except as noted)
Certification: Third-party by Intertek, INSPEC International Ltd., CSA International and SAI Global Ltd.
Min Order Qty: 10

PART NO.	10115840	10117783
MATERIAL	Polycarbonate – clear	Polycarbonate – clear
FEATURES	• Maximum UV protection • Impact-rated (Z87+) • Slightly thicker for industrial impact applications	
PRODUCT SPECIFICS	• 8″ (20.3 cm) x 17″ (43.2 cm) x .06″ (1.52mm) • Contoured visor; closer fit and improved resistance to impact and splash hazards	• 8″ (20.3 cm) x 17″ (43.2 cm) x .06″ (1.52mm) • Flat nitrometer; for use with V-Gard Retractable or Standard Chin Protectors • Wider design; improved resistance to impact and splash hazards • Does not meet CSA Z94.3

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

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

Standards[1]: ANSI/ISEA Z87.1-2015; EN 1731-F; and AS/NZS 1337
Certification: Third-party by Intertek, INSPEC International Ltd., and SAI Global Ltd.
Min Order Qty: 10

PART NO.	10116557	10116558	10158822
MATERIAL	Epoxy-coated steel mesh (20 x 20) — black, plastic edged		Epoxy-coated steel mesh (20 x 20) — aluminum-bound mesh
FEATURES	• General protector (Z87) • **Not for impact hazards**		
PRODUCT SPECIFICS	• 8″ (20.3 cm) x 17″ (43.2 cm) • Not for use against splash, impact, elevated temperatures or UV hazards • Can be worn with earmuffs	• 8″ (20.3 cm) x 17″ (43.2 cm) • Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors • Not for use against splash, impact, elevated temperatures or UV hazards • Can be worn with earmuffs	• 8″ (20.3 cm) x 16.5″ (41.9 cm) • Not for use against splash, impact, electrical or UV hazards

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

V-Gard Visors: Heavy Duty Chemical and Splash

Markets: General industry, heavy manufacturing, laboratories, chem/petrochemical, agriculture, pharmaceutical, oil and gas, mining

Applications: Chipping, splash, chemical mixing, grinding, machining, power fastening, sanding, sawing

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

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

Min Order Qty: 5

PART NO.	**10115855**	**10115856**	**10115851**
MATERIAL	Propionate – clear	Propionate – clear	Propionate – clear
FEATURES	• Impact-rated (Z87+) • Please refer to MSA's *Chemical Application Quick Reference Guide* (ID 0670-007-MC) for chemical performance details		
PRODUCT SPECIFICS	• 8" (20.3 cm) x 17" (43.2 cm) x .098" (2.5mm) • Extra-thick to help prevent warping, cracking or crazing under tough conditions	• 8" (20.3 cm) x 17" (43.2 cm) x .098" (2.5mm) • Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors • Extra-thick to help prevent warping, cracking or crazing under tough conditions	• 9.25" (23.5 cm) x 18" (45.7 cm) x .098" (2.5mm) • Extra-thick to help prevent warping, cracking or crazing under tough conditions • Extended length and width for greater coverage of neck and face

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

V-Gard Visors: Elevated Temperature with High-Performance Anti-fog/Anti-scratch Coatings

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

Applications: Hot/humid conditions, chipping, splash, chiseling, drilling, grinding, machining, power fastening, sanding, sawing, outdoor work

Standards[1]**:** ANSI/ISEA Z87.1-2015; EN 166 (2C-1.2 MSA IBT9KN); CSA Z94.3 and AS/NZS 1337

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

Min Order Qty: 5

PART NO.	**10115853**	**10115854**
MATERIAL	Polycarbonate with EN 166 performance-rated anti-fog/ anti-scratch coatings for hot/humid conditions (N,K marks, respectively) – clear	Polycarbonate with EN 166 performance-rated anti-fog/ anti-scratch coatings for hot/humid conditions (N,K marks, respectively) – green tint to reduce glare
FEATURES	• Maximum UV protection • Impact-rated (Z87+) • Thick for heavy-duty industrial impact applications	
PRODUCT SPECIFICS	• 10.375" (26.4 cm) x 17" (43.2 cm) x .098" (2.5 mm) • Molded visor for superior optics under heavy duty use • Extended length for greater coverage of neck/face • Performs well against many chemicals. Refer to MSA›s *Chemical Application Quick Reference Guide* (ID 0670-007-MC) for details	• 10.375" (26.4 cm) x 17" (43.2 cm) x .098" (2.5 mm) • Molded visor for superior optics under heavy duty use • Extended length for greater coverage of neck/face • **Not for use where a Shade IR visor is required**

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

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

V-Gard Visors: Elevated Temperature

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

Standards[1]: ANSI/ISEA Z87.1-2015; EN 166 (2C-1.2 MSA IBT89KN); CSA Z94.3 and AS/NZS 1337
Certification: Third-party by Intertek, INSPEC International Ltd., CSA International and SAI Global Ltd.
Min Order Qty: 5

PART NO.	10115844	10115845
MATERIAL	Polycarbonate with EN 166 performance-rated anti-fog/anti-scratch coatings for hot/humid conditions (N,K marks, respectively)	Polycarbonate with EN 166 performance-rated anti-fog/anti-scratch coatings for hot/humid conditions (N,K marks, respectively) – green tint to reduce glare and eye strain
FEATURES	• Maximum UV protection • Impact-rated (Z87+) • Slightly thicker for industrial impact applications	
PRODUCT SPECIFICS	• 9.25" (23.5 cm) x 17" (43.2 cm) x .098" (2.5mm) • Molded visor for superior optics under heavy duty use • Extra-thick visor helps prevent warping, cracking or crazing • Conditioned to a high of 131˚F (and a low of -23˚F) and then tested to the medium impact rating in the EN166 standard (higher impact speed than ANSI/ISEA Z87.1-2010) • **Visors do not reflect IR; not recommended for use against radiant heat hazards**	• 9.25" (23.5 cm) x17" (43.2 cm) x .098" (2.5mm) • Molded visor for superior optics under heavy duty use • Extra-thick visor helps prevent warping, cracking or crazing • Conditioned to a high of 131˚F (and a low of -23˚F) and then tested to the medium impact rating in the EN166 standard (higher impact speed than ANSI/ISEA Z87.1-2010) • **Visors do not reflect IR; not recommended for use against radiant heat hazards** • **Not for use where a Shade IR visor is required**

V-Gard Visors: Radiant Heat/Elevated Temperature

Markets: Metal industries, glass manufacturing, iron and steel foundries, chemical manufacturing, construction, general manufacturing, textile manufacturing, mining, oil and gas
Applications: Grinding, pouring, casting, blowing/melting, rolling, sawing, cutting, crimping, millwrighting, machining/operating, pipelining, pulping

Standards[1]: ANSI/ISEA Z87.1-2015; EN 166 (2C-2.5 MSA 1BT3R [clear] and 2-4 MSA 1BT3R [green tint]); CSA Z94.3 and AS/NZS 1337
Certification: Third-party by Intertek, INSPEC International Ltd., CSA International and SAI Global Ltd.
Min Order Qty: 5

PART NO.	10177690	10177701
MATERIAL	Polycarbonate with EN 166 performance-rated reflective coating (R mark) — clear; molded	Polycarbonate with EN 166 performance-rated reflective coating (R mark) – green tint to reduce glare and eye strain; molded
FEATURES	• Maximum UV protection • Impact-rated (Z87+) • Reflects >60% Infrared (IR) radiation (EN166 R mark) in the 780nm to 2000nm wavelength	
PRODUCT SPECIFICS	• 9.5" (24.1 cm) x 17.75" (45.09 cm) x .07" (1.8 mm) • Reflective coating reflects IR and helps dissipate heat • Thick visor helps prevent warping, cracking or crazing • Extended length for greater coverage of face and neck; **DO NOT use for welding**	• 9.5" (24.1 cm) x 17.75" (45.09 cm) x .07" (1.8 mm) • Reflective coating reflects IR and helps dissipate heat • **Not for use where a Shade IR visor is required** • Thick visor helps prevent warping, cracking or crazing • Extended length for greater coverage of face and neck; **DO NOT use for welding**

DID YOU KNOW?

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

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

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

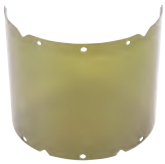
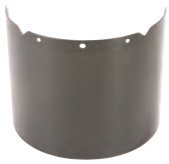
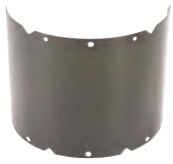
Markets: Fabrication, steel mills, shipbuilding, construction, open-pit mining, agriculture, oil/gas/petrochemical refineries, rubber manufacturing

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

Standards[1]: ANSI/ISEA Z87.1-2015; EN 166 (4-3/3 MSA 1BT39 [shade 3] and 4-5/5 MSA 1BT39 [shade 5]); CSA Z94.3 and AS/NZS 1337

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

Min Order Qty: 5

				
PART NO.	**10115859**	**10115860**	**10115861**	**10115862**
MATERIAL	Polycarbonate – Shade 3 IR	Polycarbonate – Shade 3 IR	Polycarbonate – Shade 5 IR	Polycarbonate – Shade 5 IR
FEATURES	• Impact-rated (Z87+)			
PRODUCT SPECIFICS	• 8″ (20.3 cm) x 17″ (43.2 cm) x .07″ (1.8 mm) • Thickness helps prevent pitting and warping from heat or weld spatter	• 8″ (20.3 cm) x 17″ (43.2 cm) x .07″ (1.8 mm) • Thickness helps prevent pitting and warping from heat or weld spatter • Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors	• 8″ (20.3 cm) x 17″ (43.2 cm) x .07″ (1.8 mm) • Thickness helps prevent pitting and warping from heat or weld spatter	• 8″ (20.3 cm) x 17″ (43.2 cm) x .07″ (1.8 mm) • Thickness helps prevent pitting and warping from heat or weld spatter • Nitrometer; for use with V-Gard Retractable or Standard Chin Protectors

V-Gard Visors: Arc Flash Application[2]

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

Applications: Maintenance, impact and debris, testing/repair

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

Certification: Third-party by Intertek and ArcWear

Min Order Qty: 5

PART NO.	**10115847**	**10118480**
MATERIAL	Polycarbonate — special tint, light green visor; molded	Polycarbonate — special tint, light green visor; molded (for use with designated V-Gard Chin Protector)
FEATURES	• Impact-rated (Z87+)	
PRODUCT SPECIFICS	• 9.25″ (23.5 cm) x 18″ (45.7 cm) x .065″ (1.7 cm) • Extended length and width for greater coverage of face and neck • **Rated to 12.9 cal/cm²** when tested to ASTM F2178-2008 (ref. NFPA 70E-2015 PPE Category 2), and when worn with a V-Gard Hard Hat (PN 475358) and V-Gard Frame (PN 10121266) *Call MSA Customer Service (800-MSA-2222) for protection levels when using this V-Gard Arc Visor w/other V-Gard Frames and MSA Helmet combinations*	• 8″ (20.3 cm) x 17.25″ (43.8 cm) x .065″ (1.7 cm) • Extended length and width for greater coverage of face and neck • **Rated to 12.9 cal/cm²** when tested to ASTM F2178-2008 (ref. NFPA 70E-2015 PPE Category 2), and when worn with a V-Gard Hard Hat (PN 475358) and V-Gard Frame (PN 10121266) and V-Gard Standard Chin Protector (PN/10115827) *Call MSA Customer Service (800-MSA-2222) for protection levels when using this V-Gard Arc Visor w/other V-Gard Frames and MSA Helmet combinations*

V-Gard Accessory System Replacement Parts[3]

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

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

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

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

V-Gard Headgear

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

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

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

Size: Standard (6-1⁄2 – 8)

Sandards[2]: ANSI/ISEA Z87.1-2015; EN 166; CSA Z94.3; and AS/NZS 1337

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

PRODUCT NAME	V-Gard Headgear (General Purpose)	V-Gard Headgear (Elevated Temperature)
PART NO.	10127061	10127062
MATERIAL	High Density Polyethylene (HDE) – black	Heat-resistant nylon – gray
FEATURES	• Ratchet closure	
PRODUCT SPECIFICS	• Patent-pending, Infini-just lift/closure with grippable knobs that don't unscrew; no parts to lose! • Seven-point crown adjustment • Replaceable, sweat-wicking, cushioned headband helps keep workers dry and cool • Sweat-wicking ratchet cover keeps nape comfortable • For use ONLY with V-Gard Visors; **not for use where head protection is required** • All non-metal construction • Minumum order quantity: 10	• Extended browguard for additional coverage in high temperatures • Tested to withstand temperatures up to 400˚F[3] • Patent-pending, Infini-just lift/closure with grippable knobs that don't unscrew; no parts to lose! • Seven-point crown adjustment • Replaceable, sweat-wicking, cushioned headband helps keep workers dry and cool • Sweat-wicking ratchet cover keeps nape comfortable • For use ONLY with V-Gard Visors; **not for use where head protection is required** • All non-metal construction • Minumum order quantity: 5

PRODUCT NAME	V-Gard Headgear Kit (General Purpose)	V-Gard Headgear Replacement Sweatband[4]
PART NO.	10127063	10127065
PRODUCT SPECIFICS	**Contains:** • V-Gard General Purpose Headgear (PN 10127061) • V-Gard Clear, PC Visor, 8" (20.3 cm) x 17" (43.2 cm) x .04" (1.02 mm) (PN 10115836)	• Sweat-wicking material over breathable foam helps keep workers cool, dry and comfortable • Hook & loop closure makes replacement easy • Tested to the FR requirements in CSA Z94.3-07 • Sold in boxes of 25 (5 packages of 5)

[1] **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.*

V-Gard Chin Protectors[1]

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

NAME	**Retractable Chin Protector**	**Chin Protector**	**Standard Chin Protector**
PART NO.	**10115828** TRY IT!	**10149029** TRY IT!	**10115827**
MATERIAL	Polycarbonate – opaque (ensures safety and standards compliance with clear, tinted, shaded and coated V-Gard Visors)	Polycarbonate – clear (for improved visibility)	Polycarbonate – opaque (ensures safety and standards compliance with clear, tinted, shaded and coated V-Gard Visors)
PRODUCT SPECIFICS	• 3.82" (9.7 cm) in height, when unretracted • Unique retractable plates allow greater flexibility of head movement both up and down, as well as side-to-side • Minimum order quantity: 5	• 2.86" (7.26 cm) in height • Compact, lightweight design provides additional protection between chin and neck area • Should not be worn with tinted, arc or shaded nitrometer visors to ensure compliance with stated Standards markings/requirements • Minimum order quantity: 5	• 2.86" (7.26 cm) in height • Compact, lightweight design provides additional protection between chin and neck area • Minimum order quantity: 5

V-Gard Accessory System Kits

KIT	**V-Gard Accessory System Kit with V-Gard Cap**	**V-Gard Accessory System Kit (without V-Gard Cap)**	**V-Gard Forestry Kit**	**V-Gard Accessory Arc Kit**
PART NO.	**10118695**	**10118697**	**10118694**	**10118696[2]**
KIT CONTENTS	• White V-Gard Cap with ratchet suspension (PN 475358) • V-Gard Frame for Slotted Caps; with debris control (PN 10115730) • V-Gard Clear, Polycarbonate Visor, 8" (20.3 cm) x 17" (43.2 cm) x .04" (1.02 mm) (PN 10115836)	• V-Gard Universal Frame for Caps with debris control (PN 10115822) • V-Gard Clear, Polycarbonate Visor, 8" (20.3 cm) x 17" (43.2 cm) x .04" (1.02 mm) (PN 10115836) **Does not contain an MSA safety helmet.**	• Hi-viz orange V-Gard Cap with ratchet suspension (PN 488146) • V-Gard Frame for Slotted Caps; with debris control (PN 10115730) • V-Gard Mesh Nitrometer (PN 10116558) • V-Gard Retractable Chin Protector (PN 10115828) • left/RIGHT, HIGH (NRR 28 db) Cap-Mounted Earmuffs (PN 10087422)	• White V-Gard Cap with ratchet suspension (PN 475358) • V-Gard Frame for Slotted Caps (PN 10121266) • V-Gard Arc Nitrometer with V-Gard Standard Chin Protector (PN 10118480); must be assembled by user prior to wearing to secure stated calorie rating. • Rated to 11.3 cal/cm^2 when tested to ASTM F2178-2008 (ref. NFPA 70E-2012, Hazard Risk Category 2), and when worn with a V-Gard Cap (PN 475358), V-Gard Frame (PN 10121266) and V-Gard Standard Chin Protector (PN/10115827)

[1] MSA V-Gard Chin Protectors meet the applicable safety requirements as noted on the V-Gard Nitrometer Visor when worn in conjunction with V-Gard Frames and V-Gard Nitrometer Visors.
[2] Call MSA Customer Service (800-MSA-2222) for protection levels when using this V-Gard Arc Visor with other V-Gard Frames, V-Gard Chin Protectors and MSA Helmet combinations.

V-Gard Frameless Barrier

			NEW!
PART NO.	**10215336** for V-Gard **Cap**, 25/pkg.	**10215337** for V-Gard **Hat**, 25/pkg.	
FEATURES	• A frame-less and lightweight solution that allows the user to quickly affix to any cap style MSA V-Gard, V-Gard Green, or SmoothDome Hard Hat. • Helps protect the eyes, nose, and mouth against droplets and splash.	• Durable surface allows the unit to be cleaned/decontaminated after each use and put back into service. The average replacement cycle is 30 days.[1] • Clear lens allows the user to maintain visibility of their work and surroundings	

Hard Hat Accessories

V-Gard Winter Liners

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

			Flame Resistant
PRODUCT	**V-Gard Winter Liner, Knit Cap**	**V-Gard Winter Liner, Knit Hat/Cap Cover**	**V-Gard Supreme Liner, Flame-Resistant 2-piece**
PART NO.	**10118417** TRY IT!	**10118418**	**10118427** TRY IT!
PRODUCT SPECIFICS	• Stylish skullie cap • Design prevents liner from obstructing vision • 100% high bulk acrylic • **Sold in sets of 12**	• 100% acrylic • Bright yellow-green for greater visibility • Full face tube mounts under or over brim of MSA caps or hats, covering ears, mouth, cheeks and neck • Extended nape and wraparound collar for tucking into coat/shirt • **Sold in sets of 12**	• Fabric tested to withstand arc exposure to an ATPV of 8 cal/cm^2 • Water repellant • Inside neck pocket holds warming packet[2] • Multi-layered flame-resistant top cap • Extended, zipper on/off high-bulk flame-resistant knit bottom • No metal parts • **Sold in sets of 3**

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

[1] Follow all instructions and perform daily, pre-, and post-use inspections.
[2] Warming packets available at most sporting goods retailers; not sold with liners.
[3] Garment care instructions must be followed.