

V-Gard® Cap

Technical Specifications



The MSA V-Gard Helmet, with its distinctive trademark "V" design, is a world recognized brand known for comfort, quality, and durability. MSA has sold well over 100 million V-Gard Helmets since its introduction—so many in fact, that the iconic "V" design has been a mainstay for many years on even the toughest worksites.

 V-Gard Cap shown with Fas-Trac® III Suspension



Features

- Superior top impact protection
- Fas-Trac III suspension is the most comfortable on the market—preferred by 92% of users
- Designed for use with MSA accessories (100+) to ensure compliance with the helmet & accessory

Markets

- General industry and manufacturing
- Electric/utilities
- Construction
- Oil, gas and petrochemical

Customization

- 27+, factory applied reflective or retro-reflective stripes
- Multiple printing services: one-color logo to digital photos; up to four locations
- For additional details, visit msasafety.com KEYWORD: logo

Care & Maintenance

- Clean helmet assembly regularly with MSA's Confidence Plus Cleaning Solution (P/Ns 10009971 or 10032737) or mild soap (no detergents) and warm water
- Do not throw, drop, use as support or abuse helmet to ensure proper working condition
- Store helmet in clean, dry environment <49°C (120°F).

Service Life Guidelines

- V-Gard Helmets are made with high-quality, wear-resistant materials.
- Inspect the helmet before and after each use and replace any part(s) as required.
- Always replace the helmet after it has withstood an impact or penetration. MSA recommends:
 - replacing the suspension after no more than 12 months of use.
 - replacing the shell after no more than five (5) years of use.
- Please consult user instructions for additional details.

Specifications

| | |
|---|--|
| STANDARDS COMPLIANCE | ANSI/ISEA Z89.1-2014 CSA Z94.1-2005 |
| CLASSIFICATION | Type I, Class E |
| CERTIFICATION | Third-party by SEI |
| APPLICATION(S) | General Purpose |
| PRODUCT SIZES | Small (6" to 7 1/8") Standard (6 1/2" to 8") Large (7" to 8 1/2") |
| SHELL MATERIAL | Virgin high-density polyethylene (HDPE) with UV inhibitor |
| AVAILABLE STYLES | Slotted Cap Unvented (V-Gard 500) |
| AVAILABLE SUSPENSIONS | Fas-Trac® III Ratchet Staz-On® Pinlock Closure 1-Touch Slide Closure Swing Ratchet |
| REQUIREMENTS FOR OPTIONAL FEATURES (Z89.1) | Reverse Donning, Lower Temperature, Higher Temperature, Hi-Viz (as indicated) |
| COLORS | 21 (stocked); other color options available, including custom colors |
| OTHER PPE | 100+ MSA Accessories, including MSA cap-mounted hearing protectors, V-Gard Face Protection System, Winter Liners, and chinstraps |
| PRODUCT DIMENSIONS | 11" x 8 1/2" x 5 3/8" 0.86 lbs |
| MIN ORDER QUANTITIES (MOQ) | 20 (stocked colors) 100 (non-stocked colors) 500 (custom colors) |
| SHIPPING CARTON DIMENSIONS (BOX OF 20) | 22 5/8" x 18 1/2" x 15 1/8" 22 lbs. |

Technical Assistance/Additional Information

For more information about V-Gard Helmets and other MSA products, please contact MSA Customer Service at 1-800-MSA-2222 or visit MSAsafety.com.

MSA – The Safety Company
1000 Cranberry Woods Drive
Cranberry Township, PA 16066 USA
Phone 724-776-8600
www.MSAsafety.com

U.S. Customer Service Center
Phone 1-800-MSA-2222
Fax 1-800-967-0398

MSA Canada
Phone 1-800-672-2222
Fax 1-800-967-0398

V-Gard® Cap-Style Hard Hats

| STANDARD V-GARD SLOTTED CAPS | | | | |
|------------------------------|--|------------------------|-------------------------|-----------------------------|
| Color | | w/ Staz-On® Suspension | w/ 1 Touch® Suspension¹ | w/ Fas-Trac III Suspension¹ |
| GLOSS FINISH | | | | |
| WHITE | | 463942 | 10057441 | 475358 |
| BLUE | | 463943 | 10057442 | 475359 |
| YELLOW | | 463944 | 10057443 | 475360 |
| ORANGE | | 463945 | 10057444 | 475361 |
| RED | | 463947 | 10057446 | 475363 |
| GREEN | | 463946 | 10057445 | 475362 |
| GRAY | | 463948 | 10057447 | 475364 |
| HI-VIZ® ORANGE² | | 488148 | 10057420 | 488146 |
| HI-VIZ YELLOW-GREEN² | | — | 10061514 | 10061512 |
| BRIGHT LIME GREEN | | 815558 | — | 815565 |
| DARK (CANADIAN) BLUE | | — | — | 802972 |
| GOLD | | 464852 | — | 475365 |
| ROBIN'S EGG BLUE | | 463111 | — | 495853 |
| BROWN | | 464658 | — | 495854 |
| SILVER | | 484340 | — | 495855 |
| TAN | | 461180 | — | — |
| BLACK | | 475235 | — | 492559 |
| LIGHT BUFF | | 478237 | — | 495856 |
| PURPLE | | 488398 | — | 495858 |
| PINK | | — | — | 495862 |
| HOT PINK | | 10155231 | — | 10155230 |

| STANDARD V-GARD SLOTTED CAPS | | |
|------------------------------|--|-----------------------------|
| Color | | w/ Fas-Trac III Suspension¹ |
| MATTE FINISH | | |
| WHITE | | 10203081 |
| BLUE | | 10203082 |
| YELLOW | | 10203083 |
| ORANGE | | 10203087 |
| RED | | 10203086 |
| GREEN | | 10203085 |
| GRAY | | 10203084 |
| HI-VIZ® ORANGE² | | 10203089 |
| HI-VIZ YELLOW² | | 10203088 |
| BLACK | | 10203092 |



DID YOU KNOW?

NFPA 70E is a work practice; it is not a standard and does not specify any test methods. No products “meet” NFPA 70E—users simply follow the practice of NFPA 70E. For head protection, NFPA 70E recommends that users wear Class E hard hats in following this work practice.

| SMALL V-GARD SLOTTED CAPS | | | |
|---------------------------|--|-----------------------|-----------------------------|
| Color | | w/ Staz-On Suspension | w/ Fas-Trac III Suspension¹ |
| GLOSS FINISH | | | |
| WHITE | | 466354 | 477477 |
| BLUE | | 466355 | 477478 |
| YELLOW | | 466356 | 477479 |
| BRIGHT LIME GREEN | | — | 489368 |

| LARGE V-GARD SLOTTED CAPS | | | |
|---------------------------|--|-----------------------|-----------------------------|
| Color | | w/ Staz-On Suspension | w/ Fas-Trac III Suspension¹ |
| GLOSS FINISH | | | |
| WHITE | | 473284 | 477482 |
| BLUE | | 476928 | 477483 |
| YELLOW | | 473285 | 477484 |
| HI-VIZ® ORANGE² | | — | 489364 |

| STANDARD V-GARD CAP SPECIAL ASSEMBLIES | | | | |
|---|--|-----------------------|------------------------|-----------------------------|
| Color | | w/ Staz-On Suspension | w/ 1 Touch Suspension¹ | w/ Fas-Trac III Suspension¹ |
| GLOSS FINISH | | | | |
| HI-VIZ ORANGE w/yellow-green stripe² | | — | 10102195 | 10102193 |
| HI-VIZ YELLOW-GREEN w/red-orange stripe² | | — | 10102234 | 10102233 |
| HI-VIZ YELLOW-GREEN w/silver stripe² | | — | 10102196 | 10102194 |
| WHITE w/lamp bracket and cord holder (Class C) | | 460018 | — | — |
| WHITE w/American Flag | | 474159 | — | — |
| WHITE w/Swing-Ratchet Suspension | | 10004689 | — | — |



V-Gard w/Lamp Bracket and Cord Holder



V-Gard w/Swing-Ratchet Suspension

¹Certified to CSA.

²V-Gard Cap/Hat meets voluntary standard for hi-visibility as prescribed by ANSI/ISEA Z89.1-2014. Look for official hi-visibility marking [HV] on the helmet's ANSI label.

MSA V-Gard Caps are offered in 21 standard colors—more than anyone else in the industry. Additionally, customers ordering 500 or more V-Gard helmets at one time, can request a custom color to meet their business needs. And don't forget... MSA Logo Express® service offers the industry's highest quality custom logos and striping! For additional details, visit www.msasafety.com or call MSA Customer Service at 1-800-MSA-2222.

V-Gard Caps



V-Gard Hats



Classification: Type I
Application: General purpose
Shell Material: Polyethylene
Available Styles: Slotted Cap; Slotted Full-Brim Hat
Sizes: **Cap:** Small (6 – 7½"); Standard (6½ – 8"); Large (7 – 8½")
Hat: Standard (6½ – 8")

Standards: ANSI/ISEA Z89.1-2009 (Class E); CSA Z94.1-2005 (Class E)
Certification: Third-party by SEI
Customization: Imprinting and striping available

NOTE: Small and Large V-Gard Caps are NOT CSA-certified. Standard-size V-Gard Caps and Hats are CSA-certified when assembled with MSA's Fas-Trac or 1-Touch Suspension ONLY.