

V-Gard H2™ Safety Helmet

Technical Data Sheet



The V-Gard H2™ Safety Helmet provides superior comfort and versatility while incorporating the latest technology to help protect against lateral impacts. The optional Mips® safety system adds another layer of protection helping to mitigate brain trauma by redirecting rotational forces in the event of an impact.

Features

- ANSI Z89.1 Type II certification with integrated chinstrap for enhanced protection against lateral impacts, including during slips, trips, and falls.
- Mips® Safety System for rotational impact protection to help reduce the risk of traumatic brain injury resulting from slips, trips, and falls (*if applicable*).
- Comfortable ratchet suspension that's easily adjustable with a gloved hand.
- 4-point chinstrap with multiple adjustment points for customized fit and comfort; EN12492 compliant; field replaceable.
- Antimicrobial treatment of sweatband, crown pad, and ratchet pad with Ionic+ high purity silver to eliminate odor-causing bacteria.
- Venting for improved air flow, cooling and reduced heat stress (*if applicable*).
- Patented "push-button" accessory attachment rail and universal light strap clips for simplicity and convenience.
- 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.
- Quick and easy customization with thousands of existing logos, easy creation of new logos, and optional 360° reflective stripes.

Applications

- Working-at-heights
- Confined Space
- Rescue
- General Industry
- Construction

Markets

- Utilities
- Oil, Gas & Petrochemical
- General Industry
- Construction

Specifications

Standards Compliance	ANSI/ISEA Z89.1-2014 (R2019)
Optional Requirements (ANSI)	HT (<i>High Temp</i>) HV (<i>Hi-Viz, as indicated</i>)
ANSI Z89.1 Classification	Type II, Class E (<i>non-vented</i>) Type II, Class C (<i>vented</i>)
EN12492:2012-04 Clauses	
<i>Shock Energy Absorption</i>	4.2.1.2 (<i>front</i>)
<i>Capacity</i>	4.2.1.3 (<i>lateral</i>) 4.2.1.4 (<i>rear</i>)
<i>Retention system</i>	4.2.3 (<i>strength</i>) 4.2.4 (<i>effectiveness</i>)
3rd Party Certifications	SEI
Styles	Vented Non-Vented
4-Point Chin Strap	ANSI Z89.1 Type II and EN 12492 compliant
Suspension	Non-replaceable EPS Foam
Rotation Impact Protection	N/A (<i>without Mips</i>) Mips® Safety System (<i>with Mips</i>)
Sweatband	Replaceable Ionic+® Anti-Microbial treatment (<i>high purity silver</i>)
Customization Options	Up to 4-color logos Up to three logo locations: front, back left, back right Optional reflective stripes (<i>white or yellow</i>): front, back, and/or sides for up to 360° coverage
Assembly	Fully assembled
Product Size	53-63 cm circumference
Dimensions	10.2" x 8.5" x 6.3" (26.0 cm x 21.7 cm x 16.1 cm)
Weight	1.16 lb. (527 g) (<i>Non-Vented without Mips</i>) 1.14 lb. (516 g) (<i>Vented without Mips</i>) 1.23 lb. (558 g) (<i>Non-Vented with Mips</i>) 1.21 lb. (547 g) (<i>Vented with Mips</i>)
Materials	
<i>Shell</i>	Virgin Acrylonitrile Butadiene Styrene (ABS)
<i>Interior Foam</i>	Expanded Polystyrene (EPS)
<i>Headband & Ratchet</i>	Polypropylene, POM (Acetal), ABS
<i>Chinstrap</i>	Polyester, POM (Acetal), Nylon
<i>Sweatband, Crown Pad, & Ratchet Pad</i>	Polyester with Ionic+ antimicrobial treatment (<i>high purity silver</i>)
Minimum Order Quantity	1 (<i>Stocked Color, No Logo</i>) 16 (<i>Stocked Color with Logo[s]</i>) 480 (<i>Non-Stocked Custom Color</i>) 480 (<i>Non-Qualified Custom Color</i>)
Shipping Carton Dimension (single)	10.6" x 9.2" x 6.9" (27.0 cm x 23.3 cm x 17.5 cm)
Shipping Carton Weight (single)	1.58 lb. (715 g) (<i>Non-Vented without Mips</i>) 1.55 lb. (705 g) (<i>Vented without Mips</i>) 1.64 lb. (745 g) (<i>Non-Vented with Mips</i>) 1.62 lb. (735 g) (<i>Vented with Mips</i>)

WE KNOW WHAT'S AT STAKE.

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
Custom	YES (480 MOQ)	YES (480 MOQ)	YES (480 MOQ)	YES (480 MOQ)

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, 5-35°C (41-95°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.
- Storage Life is 2 years from date of manufacture when stored as directed. Storage beyond 2 years should be deducted from Service Life.
- Maximum service life: 5 years
- Warranty: 1 year from date of purchase (*free from manufacturer's defects*)
- Please consult user instructions for additional details.

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



White



Black



Yellow



Blue



Gray



Orange



Red



Green



Hi-Viz Yellow

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](https://www.msasafety.com).

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>.

MSA operates in over 40 countries worldwide. To find an MSA office near you, please visit [MSAsafety.com/offices](https://www.msasafety.com/offices).