# V-Gard®H1 **Safety Helmet**

Technical Specifications

MSA
*The Safety Company*



*The V-Gard® H1 Safety Helmet and accessories provide exceptional comfort and ease of use in a stylish, low-profile design. The latest innovation in head protection, helping to keep you cool and comfortable until the job is done.*




## Features

- 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
- Field replaceable 4-point chinstraps with multiple adjustment points for customized fit and comfort
- Convenient rescue whistle integrated into the chin strap buckle
- Premium sweatband with sweat-wicking fabric, breathable foam and Velcro® attachment for easy field replacement
- Patent pending "push-button" accessory attachment rail and universal clips for head lamps enables quick installation and removal, with no need for an additional carrier
- Standard reflective stickers

## Markets

- Utilities
- Oil, Gas & Petrochemical
- General Industry
- Construction
- Industrial Subcontractors
- Military
- Rescue services

## Applications

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

## Customization

- Multiple printing services: one-color logo to digital photos, including individually personalized logos
- Up to three logo locations: Front, Back Left, Back Right

## Care & Maintenance

- Clean helmet assembly regularly with 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. MSA recommends:
  - replacing the suspension after no more than 12 months of use
  - replacing the chinstrap after no more than 12 months of use
  - replacing the shell after no more than five (5) years of use
- Storage life is 2 years from date of manufacture when stored as directed
- Warranty: 1 year from date of purchase (free from manufacturer's defects)
- Please consult user instructions for additional details

**Technical Assistance/Additional Information**

For more information about V-Gard Helmets and other MSA products, please contact your local MSA customer service or visit MSAsafety.com.



# V-Gard H1 **Safety Helmet**

| Technical Specifications | | | |
|---|---|---|---|
| | **Novent** | **Trivent** | **Bivent** |
| **STANDARDS COMPLIANCE** | EN 397:2012+A1:2012<br>EN 50365:2002-05<br>ANSI/ISEA Z89.1-2014<br>CSA Z94.1-2015 | EN 12492:2012-04<br>ANSI/ISEA Z89.1-2014 | EN 397:2012+A1:2012<br>ANSI/ISEA Z89.1-2014<br>CSA Z94.1-2015 |
| **OPTIONAL REQUIREMENTS (EN)** | -30°C, 440 V AC | | -30°C |
| **OPTIONAL REQUIREMENTS (ANSI)** | LT (Low Temp)<br>HV *(Hi-Viz, as indicated)* | LT (Low Temp)<br>HT (High Temp)<br>HV *(Hi-Viz, as indicated)* | LT (Low Temp)<br>HV *(Hi-Viz, as indicated)* |
| **ANSI Z89.1 & CSA Z94.1 CLASSIFICATION** | Type 1, Class E | Type 1, Class C | Type 1, Class C |
| **3RD PARTY CERTIFICATIONS** | SEI and BG BAU | SEI and BG BAU | SEI and BG BAU |
| **STYLE** | Non-vented | Vented | Vented |
| **4-POINT CHIN STRAP** | EN 397 Compliant | EN 12492 Compliant | EN 397 Compliant |
| **PRODUCT SIZE** | Standard Head Size 6 ½ - 8<br>(52-64 cm head circumference) | Standard Head Size 6 ½ - 8<br>(52-64 cm head circumference) | Standard Head Size 6 ½ - 8<br>(52-64 cm head circumference) |
| **COLORS** | Nine (9) stocked (pearlized matte finish). For another color, contact your MSA customer service. | Nine (9) stocked (pearlized matte finish). For another color, contact your MSA customer service. | Nine (9) stocked (pearlized matte finish). For another color, contact your MSA customer service. |
| **SHELL** | Virgin high-density polyethylene (HDPE) with UV inhibitor | Virgin high-density polyethylene (HDPE) with UV inhibitor | Virgin high-density polyethylene (HDPE) with UV inhibitor |
| **INTERIOR FOAM** | Polystyrene | Polystyrene | Polystyrene |
| **SUSPENSION** | Nylon and polypropylene | Nylon and polypropylene | Nylon and polypropylene |
| **CHINSTRAP** | Polyester and acetal | Polyester and acetal | Polyester and acetal |
| **SWEATBAND** | Polyester | Polyester | Polyester |
| **ACCESSORIES** | Eye/Face Protection: Clear Half-Face Spectacles, Clear Full Face Visor, Mesh Visor<br>Type 14 Slotted Hearing Protection<br>Universal Headlamp Lighting<br>SunShades (Neck/Nape Protectors), Cooling Pads & Winter Liners  | | |
| **PRODUCT DIMENSIONS** | 10.3" x 8.4" x 6.5"<br>(25.4 cm x 20.3 cm x 15.3 cm) | 10.3" x 8.4" x 6.5"<br>(25.4 cm x 20.3 cm x 15.3 cm) | 10.3" x 8.4" x 6.5"<br>(25.4 cm x 20.3 cm x 15.3 cm) |
| **PRODUCT WEIGHT** | 1,10 lbs (500g) | 1,14 lbs (515g) | 1,09 lbs (495 g) |
| **MIN ORDER QUANTITIES (MOQ)** | Stocked Color, No Logo: 1<br>Stocked Color with Logo(s): 16 | Stocked Color, No Logo: 1<br>Stocked Color with Logo(s): 16 | Stocked Color, No Logo: 1<br>Stocked Color with Logo(s): 16 |
| **SHIPPING CARTON DIMENSION** | 11.0" x 9.5" x 8.3"<br>(28.0 cm x22.9 cm x 20.3 cm)<br>*(individually packaged)* | 11.0" x 9.5" x 8.3"<br>(28.0 cm x22.9 cm x 20.3 cm)<br>*(individually packaged)* | 11.0" x 9.5" x 8.3"<br>(28.0 cm x22.9 cm x 20.3 cm)<br>*(individually packaged)* |
| **SHIPPING CARTON WEIGHT (SINGLE)** | 2.64 lbs (0.9 kg) | 2.67 lbs (0.9 kg) | 2.64 lbs (0.9 kg) |

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 operates in over 40 countries worldwide. To find an MSA office near you, please visit ***MSAsafety.com/offices***.


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