

V-Gard® C1™ Hard Hats

Technical Data Sheet



Description

The V-Gard C1 Hard Hat is a general purpose full-brim hard hat, particularly suited for outdoor workers in sunny conditions. The patent pending ReflectIR™ thermal barrier keeps the inside of the hard hat up to 20°F (11°C) cooler in sunny conditions, while a moisture-wicking padded sweatband keeps you drier and more comfortable. The brim and optional vents are the largest offered on a full-brim V-Gard Hard Hat to provide additional shade and significant air flow. The V-Gard C1 Hard Hat is compatible with all V-Gard full-brim accessories for superior versatility and ease of use.



Features

- Patent pending ReflectIR™ Thermal Barrier keeps the inside of the hard hat up to 20°F (11°C) cooler in sunny conditions (compared to a hard hat without the ReflectIR thermal barrier; testing done with black, non-vented, V-Gard C1 Hard Hats).
- Includes a moisture-wicking sweatband with breathable foam padding for additional comfort and sweat management.
- V-Gard C1 full-brim Hard Hat has 12% more coverage than the V-Gard full-brim Hard Hat for added shade and sun protection.
- Optional venting for enhanced air flow and cooling; largest vents available in a full-brim V-Gard Hard Hat.
- Unique textured brim for added grip when donning & doffing the hard hat.
- Fas-Trac® III ratchet 4-point Suspension is pre-installed for superior comfort and adjustability.



Care & Maintenance

- Clean hard hat 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 hard hat to ensure proper working condition
- Store hard hat in clean, dry environment, 5–35°C (41–95°F)



Service Life Guidelines

- V-Gard Hard Hats are made with high-quality, wear-resistant materials.
- Inspect the hard hat before and after each use and replace any part(s) as required.
- Always replace the hard hat 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.
- Warranty: 1 year from date of purchase (free from manufacturer's defects)
- Please consult user instructions for additional details.



Markets

- General industry
- Construction
- Utility
- Oil, gas, and petroleum



Applications

- General purpose



Customization

- Full-color logos available in up to three locations:
 - Front and back
 - Front, back left, and back right
- Reflective striping available in silver or yellow up to 360° coverage: front, back and sides
- Custom hard hat colors available



Technical Assistance/ Additional Information

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



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MSA V-GARD C1 HARD HAT TECHNICAL SPECIFICATIONS		
Specifications	Non-vented	Vented
STANDARDS COMPLIANCE	ANSI/ISEA Z89.1-2014 (R2019)	ANSI/ISEA Z89.1-2014 (R2019)
	CSA Z94.1-15	CSA Z94.1-15
OPTIONAL REQUIREMENTS (ANSI)	LT (Low Temp)	LT (Low Temp)
	HT (High Temp)	HT (High Temp)
	Reverse Donning	Reverse Donning
	HV (Hi-Viz, as indicated)	HV (Hi-Viz, as indicated)
ANSI Z89.1 & CSA Z94.1 CLASSIFICATION	Type 1, Class E	Type 1, Class C
3RD PARTY CERTIFICATIONS	SEI	SEI
STYLE	Non-vented	Vented
PRODUCT SIZE	Standard head size 6½–8 (52–64 cm head circumference)	
COLORS (PN)		
White	10215837	10215828
Red	10215838	10215829
Blue	10215839	10215830
Green	10215840	10215831
Yellow	10215841	10215832
Orange	10215843	10215834
Black	10215844	10215835
Gray	10215845	10215836
Hi-Viz Orange	10215842	10215833
	Custom color options available	
MATERIALS		
Shell	Virgin high-density polyethylene (HDPE) with UV inhibitor	
Suspension	Nylon and polypropylene	
Sweatband	Polyester	
OTHER PPE	Compatible with all current V-Gard Hard Hat accessories: Fas-Trac III® Suspension, frames, visors, hearing protection, chinstraps, sun shades, sun shields, cooling pads & winter liners	
PRODUCT DIMENSIONS	12.6" x 11.0" x 7.4" (L x W x H)	
PRODUCT WEIGHT	440 g	
MIN ORDER QUANTITIES (MOQ)		
Stocked Color, No Logo	16	
Stocked Color with Logo(s)	16	
Non-Stocked Custom Color	96	
Non-Qualified Custom Color	512	
SHIPPING CARTON		
Carton Product Quantity	8 per carton	
Shipping Carton Dimensions	24.6" x 22.4" x 13.1"	
Shipping Carton Weight	11 lbs.	

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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