

Topgard® Hard Hats

Technical Data Sheet



Description

Made of durable polycarbonate and featuring a uni-ridge design, these hard hats are designed for use by utilities and other industries where head protection with dielectric protection is necessary.



Features

- Superior top impact protection
- Topgard Hard Hats have been marked with the HT designation, meaning that they have been certified to the optional Higher Temperature test of ANSI/ISEA Z89.1.



In this test, helmets are pre-conditioned in an oven at $60^{\circ}\text{C} \pm 2^{\circ}\text{C}$ ($140^{\circ}\text{F} \pm 3.6^{\circ}\text{F}$) and then tested per the ANSI/ISEA Z89.1 Industrial Head Protection Standard for top force transmission. In addition, Topgard Helmets were exposed to a radiant heat load until the surface temperature on the top of the helmet reaches 257°F and then tested per the ANSI/ISEA Z89.1 Industrial Head Protection Standard for top force transmission. The source of the radiant heat load was located above the top of the helmet. This testing is performed by MSA and is not part of the helmet certification process.

- Slotted cap designed for use with MSA accessories to ensure compliance with the helmet & accessory

Markets

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



Customization

- 27+, factory applied reflective or retro-reflective stripes
- Multiple printing services: one-color logo to digital photos; up to 4 locations
- Custom hard hat colors available
- For additional details, visit [MSAsafety.com](https://www.MSAsafety.com)



Applications

- General purpose
- Elevated temperatures



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, $<49^{\circ}\text{C}$ (120°F)



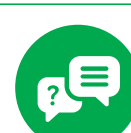
Service Life Guidelines

- Topgard 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



Technical Assistance/ Additional Information

For more information about Topgard Hard Hats and other MSA products, please contact MSA Customer Service at 1-800-MSA-2222 or visit [MSAsafety.com](https://www.MSAsafety.com).





MSA TOPGARD HARD HAT	
Technical Specifications	
STANDARDS COMPLIANCE	ANSI/ISEA Z89.1-2014 CSA Z94.1-2014
OPTIONAL REQUIREMENTS (ANSI)	LT (Low Temp)
	HT (High Temp)
	Reverse Donning
	HV (Hi-Viz, as indicated)
ANSI Z89.1 & CSA Z94.1 CLASSIFICATION	Type 1, Class E
3RD PARTY CERTIFICATIONS	SEI
STYLES	Cap (slotted)
	Full-Brim Hat (slotted)
PRODUCT SIZES	Small head size 6–7½ (natural tan cap style only)
	Standard head size 6½–8
	Large head size 7–8½ (natural tan cap style only)
AVAILABLE SUSPENSIONS	Fas-Trac® III Ratchet
	1-Touch Side Closure
	Swing-Ratchet
COLORS (PN)	
White	Stocked for cap-style and full-brim hard hats
Yellow	Stocked for cap-style and full-brim hard hats
Gray	Stocked for cap-style and full-brim hard hats
Blue	Stocked for cap-style hard hats
Orange	Stocked for cap-style hard hats
Green	Stocked for cap-style hard hats
Red	Stocked for cap-style hard hats
Bright Orange	Stocked for cap-style and full-brim hard hats
	Other color options available, including custom colors
SHELL MATERIAL	Polycarbonate with UV inhibitor
OTHER PPE	MSA accessories (including lamp bracket/cord holder), MSA hearing protectors, V-Gard Face Protection System, winter liners and chinstraps
PRODUCT DIMENSIONS/WEIGHT	
Cap Style	11.5" x 8.75" x 5.75" (L x W x H) / 0.74 lbs.
Full-Brim Style	12.25" x 10.75" x 6.25" (L x W x H) / 0.88 lbs.
MIN ORDER QUANTITIES (MOQ)	
Stocked Colors	20
Non-Stocked Colors	100
Custom Colors	500
SHIPPING CARTON DIMENSIONS/WEIGHT	
Carton Product Quantity	box of 20
Cap Style	22.5" x 18.25" x 14" (L x W x H) / 19.6 lbs.
Full-Brim Style	25.1875" x 21.75" x 15.5" (L x W x H) / 22.4 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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