



# CONSIDERATIONS & FACTORS FOR CHOOSING HEAD PROTECTION

There are numerous variables to consider when choosing proper head protection. A recent Safety and Health Information Bulletin (SHIB) published by the Occupational Safety and Health Administration (OSHA) outlines various head protection options available, including Type I and Type II, stressing that “employers should evaluate workplace hazards to determine the most appropriate head protection for each situation.”<sup>1</sup> The first step in selecting proper head protection is to conduct a hazard assessment, evaluating factors such as previous records of head injuries or near misses, impact and other risks including falling objects, lateral impact, electrical shock, or chemical splash, job-related tasks or applications, and environmental conditions.

## IMPORTANT FACTORS WHEN CHOOSING HEAD PROTECTION



### Hazards & Applications

- ✓ Heights
- ✓ Chemicals
- ✓ Weather
- ✓ Electricity
- ✓ Impacts
- ✓ Other



### Standards Compliance

- ✓ ANSI
- ✓ CSA
- ✓ EN 397
- ✓ EN 12492



### Type

- ✓ Type I
- ✓ Type II



### Class

- ✓ Class E
- ✓ Class G
- ✓ Class C



### Style

- ✓ Cap
- ✓ Hat
- ✓ Brimless



### Accessories

- ✓ Welding
- ✓ Face
- ✓ Eye
- ✓ Chinstrap
- ✓ Hearing



### Other Considerations

- ✓ Third-party certification
- ✓ Customization
- ✓ Heat stress
- ✓ Rotational impact
- ✓ Comfort

# MSA HEAD PROTECTION SOLUTIONS

MSA Safety head protection options include both Type I and Type II Helmets, accessories for additional protection from specific hazards, various class options, and several different safety certifications varying by head protection style.



**Mips**

## V-Gard H2® Helmet

Offering Type II impact protection, the V-Gard H2 Helmet integrates seamlessly with a comprehensive suite of V-Gard® and V-Gard H1™ accessories. The Helmet is available with the optional Mips® brain protection system for industrial Helmets, designed to help reduce the risk of traumatic brain injury.



## V-Gard H1® Helmet

The V-Gard H1 Helmet offers versatility with a low-profile design and multiple customization options. The non-contact foam liner helps maximize air flow and breathability for optimal cooling and hygiene. The Helmet is available in both vented or non-vented models.



## V-Gard C1® Helmet

Built with the patent-pending ReflectIR® Thermal Barrier, the V-Gard C1 Helmet can help reduce worker heat stress by helping keep the inside of the Helmet up to 20°F cooler.<sup>3</sup> The larger hat brim offers 12% greater coverage, providing additional shade and sun protection.



## V-Gard® Helmet

The iconic “V” gives the Helmet a unique profile which enables it to deflect objects and provide added protection in the event of impact. V-Gard Helmets are available in full brim and cap styles, vented or non-vented, and can be enhanced with multiple hearing and face protection options.



## Skullgard® Helmet

The Skullgard Helmet is designed to offer protection in industries where heat protection is necessary. The Helmet has been tested to radiant heat loads of up to 350°F. Skullgard Helmets are available in both a full brim or a cap style helmet.

### AT A GLANCE

- General industry
- Construction
- Working at heights
- Confined space
- Search & rescue
- ANSI Z89.1
- Type II
- Mips® Brain Protection System (optional)
- Class E (non-vented)
- Class C (vented)
- Brimless
- Full Brim
- V-Gard/V-Gard H1 Accessories
- Logo options

### AT A GLANCE

- General industry
- Construction
- Confined space
- Working at heights
- Turnarounds & plant maintenance
- Search & rescue
- ANSI Z89.1
- CSA Z94.1
- EN397
- EN12492
- Type I
- Class E (non-vented)
- Class C (vented)
- Brimless
- V-Gard/V-Gard H1 Accessories
- Logo options

### AT A GLANCE

- General industry
- Construction
- Working at heights
- Turnarounds & plant maintenance
- ANSI Z89.1
- CSA Z94.1
- Type I
- Class E (non-vented)
- Class C (vented)
- Full brim hat
- V-Gard Full Brim Helmet Accessories
- Helps reduce heat stress
- Logo options

### AT A GLANCE

- General industry
- Construction
- Confined space
- Working at heights
- Welding
- ANSI Z89.1
- CSA Z94.1
- Type I
- Class E
- Cap style
- Full brim hat
- V-Gard Accessories
- Logo & striping options

### AT A GLANCE

- General industry
- Construction
- Working at heights
- Welding
- ANSI Z89.1
- Type I
- Class G
- Cap style
- Full brim hat
- V-Gard Visors
- High-heat protection

#### Sources:

<sup>1</sup> OSHA - [https://www.osha.gov/sites/default/files/publications/safety\\_helmet\\_shib.pdf](https://www.osha.gov/sites/default/files/publications/safety_helmet_shib.pdf)

<sup>2</sup> Based on MSA sales data showing the V-Gard Helmet is the #1 selling Helmet.

<sup>3</sup> Compared to a Helmet without the ReflectIR Thermal Barrier in sunny conditions; testing done with black, non-vented, V-Gard C1 Helmets

Visit [MSAsafety.com/headprotection](https://www.msasafety.com/headprotection) to explore more products.

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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