

Cairns® 1836 Fire Helmet FAQs



What “hat size” does the Cairns 1836 Fire Helmet fit?

The Cairns 1836 Fire Helmets accommodate a 5 $\frac{3}{8}$ to 8 $\frac{3}{8}$ hat size. For reference, Cairns 1010/1044 Fire Helmets are 6 $\frac{3}{8}$ to 8 $\frac{3}{8}$.

In the Cairns 1836 Fire Helmet, what is the new soft goods material made with?

TenCate Tecasafe® Plus TechT4™ station wear fabric is used for the cushion liner and ratchet pad. According to TenCate's website, “TechT4™ feels just like a T-shirt while offering lightweight, comfortable FR protection where you need it most—next to skin. Integrated wicking COOLDERM TECHNOLOGY offers enhanced moisture management to promote body temperature regulation and breathability. The base component of the multi-layer FR system, Tech T4™ offers comfort with no-melt / no-drip next-to-skin protection.”

From TenCate Website: <https://us.tencatefabrics.com/techt4-mil>

What color options are available for the Cairns 1836 Fire Helmet?

The Cairns 1836 Fire Helmet is available in an unpainted finish in white, red, black, and yellow. There is also a painted, high-luster option available in white, red, black, yellow, blue, green, orange, and pink.

How much lighter is the Cairns 1836 Fire Helmet than Cairns 1010/1044 Fire Helmets?

The Cairns 1836 Fire Helmet is approximately 8% lighter compared to the Cairns 1044 Fire Helmet (53.6 oz. vs. 58.7 oz.).

What is the warranty on the Cairns 1836 Fire Helmet?

MSA Cairns retains a 10-year warranty on the Cairns 1836 Fire Helmet as well as our other helmet models, while major competitors only have a 5-year warranty.

Will the Cairns 1836 Fire Helmet be able to be tracked in FireGrid™?

Yes, the Cairns 1836 Fire Helmet has a built-in RFID chip in every helmet. This capability allows users to link their Cairns 1836 Fire Helmet to MSA FireGrid™ software for easy asset management features including:

- Tracking helmet maintenance
- Logging helmet service
- Complying with repair requirements per NFPA 1851

Is the ride height reduced on the Cairns 1836 Fire Helmet?

The Cairns 1836 Fire Helmet is designed with a 0.5” reduction in ride height compared to previous versions of Cairns traditional fire helmets. The low ride height design of the shell helps provide excellent comfort and balance of the helmet while merging tradition and innovation with the durability Cairns users are accustomed to in their fire helmets.

Will the Cairns 1836 Fire Helmet be available on the Stock-Order-Ship (SOS) Program?

Yes, the Cairns 1836 Fire Helmet will be available at launch on the SOS Program with 14 different part numbers to choose from. These will be evaluated by performance throughout the year and updated as needed.

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://us.msasafety.com/offices).