



## MSA Cairns® Modern Fire & Rescue Helmets



MSA offers two low-profile, lightweight fire and rescue helmets that meet NFPA 1951-2013 requirements (USAR). Additionally, one of these helmets (MSA Cairns 360R Rescue Helmet) also meets NFPA 1970-2025. Durable construction protects against impact from projectiles and falls. Brimless design allows for easy access to confined spaces and vehicle extrications. Choices and options include seven helmet colors, goggles, earlaps and liner styles, chinstrap, and trim type.

**WHEN YOU GO IN, WE GO IN WITH YOU.**



| Features                            | Benefits                                                                                                              | Cairns 360R          | Cairns 360-R13       |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|
| <b>Shell</b>                        | <b>Light, low profile designs</b>                                                                                     | <b>Thermoplastic</b> | <b>Thermoplastic</b> |
| <b>IMPACT CAP</b>                   | Provides impact protection from projectiles and falls, as well as from thermal hazards                                | ■                    |                      |
| <b>RETRACTABLE DEFENDER VISOR</b>   | Deploys easily; stores securely                                                                                       |                      |                      |
| <b>ADJUSTABLE RATCHET HEIGHT</b>    | 3-position adjustment for custom fit                                                                                  | ■                    | ■                    |
| <b>ADJUSTABLE HEADBAND HEIGHT</b>   | Ensures a perfect fit between your helmet and SCBA                                                                    | ■                    | ■                    |
| <b>D-RING HELMET HOLDER</b>         | Durable and fits on large hooks                                                                                       | ■                    | ■                    |
| <b>NOMEX CHINSTRAP (2- OR 3-PT)</b> | Quick-release buckles, Postman slide, Velcro stowage system                                                           | ■                    | ■                    |
| <b>HELMET SIZE</b>                  | 6-8½"                                                                                                                 | ■                    | ■                    |
| <b>NPFA 1970-2025</b>               | Complies with Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, 2025 Edition | ■                    |                      |
| <b>NPFA 1951-2013</b>               | Complies with Standard on Protective Ensembles for Technical Rescue Incidents 2013 Edition                            | ■                    | ■                    |

## Order Selection Matrix

### A Model

|                               |
|-------------------------------|
| 2 660C Metro                  |
| 6 Structural 360S             |
| A Invader 664                 |
| D 660C Metro Defender         |
| E Invader 664 Defender        |
| G Commando HP3 <sup>[7]</sup> |

### B Color

|                                       |
|---------------------------------------|
| 1 Black                               |
| 2 Red                                 |
| 3 Blue <sup>[4]</sup>                 |
| 4 White                               |
| 5 Yellow                              |
| 6 Orange <sup>[4]</sup>               |
| 7 Green <sup>[5]</sup> <sup>[4]</sup> |
| 8 Pink <sup>[5]</sup> <sup>[4]</sup>  |

### C Eye/Face Protection

|                                                 |
|-------------------------------------------------|
| 0 None <sup>[6]</sup>                           |
| 1 4" Tuffshield                                 |
| 2 Cairns 550 Goggles                            |
| 4 ESS Innerzone 3 Goggles                       |
| 5 ESS Innerzone 2 Goggles w/ sidemount hardware |
| 7 4" Standard Faceshield                        |
| A 6" Gold-Coated Faceshield <sup>[7]</sup>      |
| C Defender Visor, Clear                         |
| D Defender Visor, Amber Tuffshield              |
| G ESS Innerzone 2 Goggle w/low profile clip     |

### D Headband Liners

|                              |
|------------------------------|
| 1 Economy Flannel            |
| 2 Standard Flannel           |
| 3 Deluxe Leather w/Crown Pad |

### E Earlap

|                                                    |
|----------------------------------------------------|
| 0 None <sup>[6]</sup>                              |
| 1 Yellow Nomex                                     |
| 2 Yellow Nomex w/Underchin Extension               |
| 3 PBI/Kevlar                                       |
| 8 Black Nomex w/Underchin Extension <sup>[8]</sup> |
| A Black Nomex                                      |

### F Removable/Washable Nomex Chinstrap

|                                                                      |
|----------------------------------------------------------------------|
| 2 2-pt w/Quick Release & Postman's Slide                             |
| 3 2-pt w/Quick Release & Postman's Slide, 7.5" longer <sup>[8]</sup> |
| 7 3-pt w/Quick Release & Postman's Slide                             |

### G Trim Type

|                        |
|------------------------|
| 0 None <sup>[6]</sup>  |
| 2 Reflexite (Standard) |
| 3 Scotchlite           |

### H Trim Color

|                                         |
|-----------------------------------------|
| 1 Lime/Yellow (standard)                |
| 2 Red/Orange <sup>[9]</sup>             |
| 3 Blue <sup>[6]</sup> (Reflexite only)  |
| 4 White <sup>[6]</sup> (Reflexite Only) |

### I Trim Shape

|                                 |
|---------------------------------|
| 1 Tetrabar <sup>[10]</sup>      |
| 2 Bar <sup>[11]</sup>           |
| 4 Triple Trim (Scotchlite only) |

### J Accessory Bracket

|                                               |
|-----------------------------------------------|
| 0 None                                        |
| 9 Frontpiece Bracket                          |
| C Frontpiece Bracket and Frontpiece Installed |
| D Goggle Sleeve                               |

#### Key

- <sup>[1]</sup> Compliant to NFPA 1971 and 1951
- <sup>[2]</sup> NFPA 1951 compliant only
- <sup>[3]</sup> Available with eye protection options 4, C or D.
- <sup>[4]</sup> Not available on Invader 664
- <sup>[5]</sup> Not available on 360S/R/R-13
- <sup>[6]</sup> Not NFPA 1971 compliant
- <sup>[7]</sup> Non-Defender 660C/664 only
- <sup>[8]</sup> Not available on 664/660C Non-Defender and HP3.
- <sup>[9]</sup> NFPA compliant as Triple Trim only
- <sup>[10]</sup> NFPA compliant in lime/yellow only on all modern helmets
- <sup>[11]</sup> NFPA compliant in lime/yellow and on 660C/664 only

C-MOD-

|   |   |   |   |   |   |   |   |   |   |  |     |
|---|---|---|---|---|---|---|---|---|---|--|-----|
|   |   |   |   |   |   |   |   |   |   |  |     |
| A | B | C | D | E | F | G | H | I | J |  | Qty |

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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