

MSA Cairns®
Traditional Fire Helmets



*Because every life has a **purpose...***

We offer the most comprehensive impact and thermal head protection system, from top to bottom.

1 Crumple-zone Front Holder

- Helps protect you from impact-related injuries
- Absorbs impact forces far more effectively than a solid front holder, which can shatter on impact, creating dangerous projectiles
- Lighter weight than a solid front holder

2 Helmet Shell

- Flexes with impact to absorb energy
- Lower profile than many of our comparable competitors'
- Available in leather, fiberglass composite or thermoplastic, depending on helmet model

3 Impact Cap

- Offers superior impact and thermal protection, allowing for an overall lighter, lower profile helmet design
- Resists high-heat and flame
- Supports the tube-lock shock-absorbing suspension system

4 Tube-Lock System

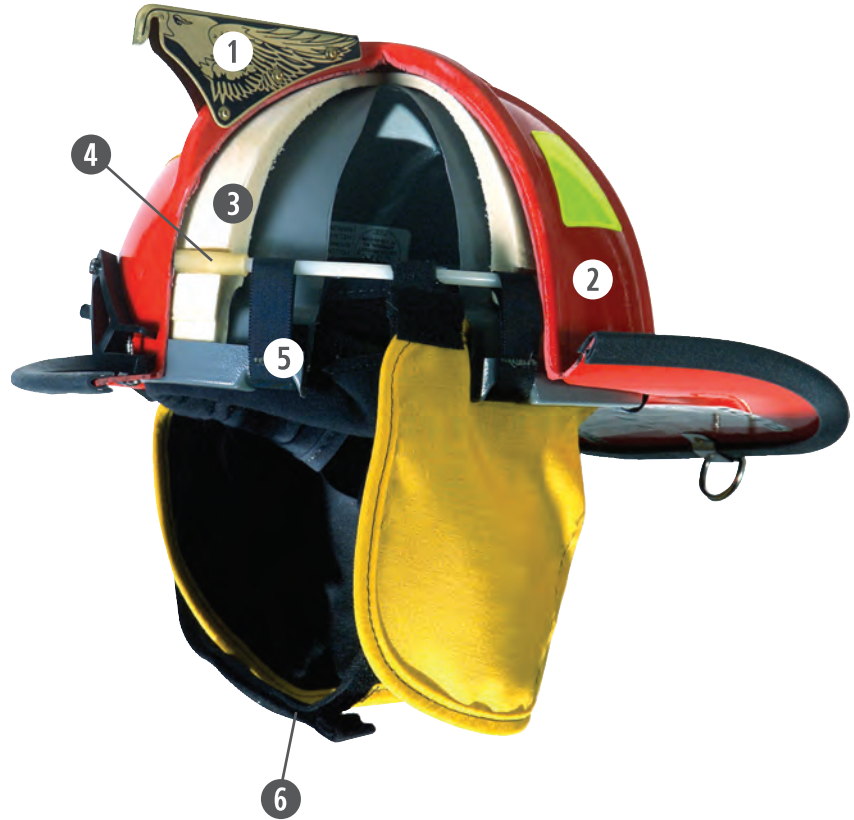
- Supports the helmet's suspension and chinstrap
- Helps protect you from injury by transmitting energy from the suspension and chinstrap to its support and the surrounding foam

5 Overhead Suspension




- Provides a deep, stable fit while allowing enough crown clearance to provide maximum impact protection
- Available in 4- or 6-point configurations, depending on the helmet model

6 Chinstrap

- Completes the system by securing the helmet and its related safety elements to your head
- Features hi-viz quick-release buckles and a hook and loop stowage system
- Available with optional postman's slide for quick adjustment
- Available in 2- or 3-point configurations, depending on the helmet model



MSA Cairns Traditional Fire Helmet Comparison

			
	Cairns 1044	Cairns 1010	880 Traditional
SHELL			
WARRANTY	Five Years	Five Years	Five Years
MADE IN THE U.S.A	■	■	■
MATERIAL	Through-color Fiberglass Composite (unpainted)	Through-color Fiberglass Composite (painted)	Thermoplastic
AVAILABLE COLORS	Black, Yellow, Red, and White	Black, Yellow, Red, White, Orange, Blue and Green	Black, Yellow, Red, White, Orange, and Blue
FEATURES			
IMPACT/THERMAL CAP	■	■	■
RETRACTABLE DEFENDER VISOR	■	■	
SHELL RELEASE SYSTEM	■	■	■
CRUMPLE-ZONE FRONT HOLDER ¹	■	■	■
ADJUSTABLE RATCHET HEIGHT	■	■	■
ADJUSTABLE HEADBAND HEIGHT	■	■	■
HEADBAND SIZES	6 $\frac{3}{8}$ " to 8 $\frac{3}{8}$ "	6 $\frac{3}{8}$ " to 8 $\frac{3}{8}$ "	5 $\frac{5}{8}$ " to 7 $\frac{5}{8}$ "
EMBOSSED HELMET BRIM	■	■	■
D-RING HELMET HANGER	■	■	■
NOMEX CHINSTRAP	■	■	■
ARFF PROXIMITY SYSTEM	■	■	
COMPLIANCE			
NFPA 1971-2013 (STRUCTURAL)	■	■	■
NFPA 1971-2013 (PROXIMITY)	■	■	

¹Crumple zones are designed to absorb the energy from impact.

MSA Cairns Traditional Fire Helmets Assemble-To-Order Matrix

A	B	C	D	E	F	G	H	I	K
Model	Color	Eye/Face Protection	Headband Liners	Earlaps	Front Holder	Chinstrap	Trim Type	Trim Color	Accessory Type
1 1010 2 1010 w/Bourkes 5 880 Tradition 6 880 Tradition w/Bourkes 7 1044 8 1044 w/Bourkes 9 1010 w/Defender Visor ■ A 1010 Defender w/Bourkes ■ B 1044 w/Defender Visor ■ C 1044 Defender w/Bourkes ■ D 1010 Defender w/Faceshield ■ E 1044 Defender w/Faceshield ■	1 Black 2 Red 3 Blue ◆ 4 White 5 Yellow 6 Orange ◆ 7 Green †◆	0 None * 1 4" Tuffshield 2 Cairns ESS Goggles 4 ESS Innerzone 3 Goggles 5 ESS Innerzone 2 Goggles 6 ESS Innerzone 1 Goggles 8 6" Gold-Coated Faceshield * 9 Faceshield for 880 w/5" front holder B Defender Visor, Clear ■ C Defender Visor, Amber Tuffshield ■	1 Economy Flannel 2 Standard Flannel 3 Deluxe Leather w/Crown Pad	1 Yellow Nomex 2 Yellow Nomex w/Underchin Extension 3 PBI/Kevlar 4 PBI/Kevlar w/Underchin Extension 5 Bloodborne Pathogen Resistant 9 CFR Aluminized Bonnet w/PBI/Kevlar Shroud & Nomex Earlap †§ A Black Nomex B Black Nomex w/Underchin Extension †	0 None 1 6" Carved Brass Eagle 2 6" Silk Screened Eagle 3 6" Silk Screened Maltese Cross 4 5" Silk Screened Eagle † 5 5" Silk Screened Maltese Cross † 6 6" Carved Brass Beaver † 7 6" Carved Brass Dragon †	1 Nomex w/Quick Release 2 Nomex w/Quick Release & Postman's Slide	0 None * 2 Reflexite (standard) 3 Scotchlite	1 Lime/Yellow (standard) 2 White * (Reflexite only) 3 Red/Orange * 4 Blue * (Reflexite only) 5 Red/Orange Triple Trim (Scotchlite only) 6 Lime/Yellow Triple Trim (Scotchlite only)	0 None A Low-Profile Goggle (10029699) B Low-Profile Hardware Only C ESS Goggle (S550)

■ Must specify Defender Visor in both "Model" and "Eye/Face Protection" selections

◆ Not available on 1044

‡ Not available with 880 Traditional

† Available with 880 Traditional only

* Not NFPA 1971 compliant

§ Not NFPA-1971 compliant when used with a Front Holder

Column: A B C D E F G H I J K

C-TRD-

PART NUMBER QUANTITY

For information on MSA Cairns Traditional Composite Fire Helmets, or any product in the MSA Fire Service Suite, please contact MSA Customer Service at 1-877-MSA-FIRE or visit our website at www.MSAfire.com.

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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