

Choose Cairns: Millions of firefighters for generations have!



Structural 360S® Helmet
Lightweight, low-profile design



Metro 660C® Helmet
The market leader, unparalleled performance



Phoenix 660P™ Helmet
Classic design, everyday dependability



Commando HP3® Helmet
Ideal for EMS/Rescue applications



Intruder 990® Helmet
Superior construction for extreme conditions



Invader 664™ Helmet
Rugged design, built for durability

Cairns® Modern Helmets

Your Safety is Our Tradition

Cairns Heritage—Making fire helmets since 1836

Cairns Quality—Compare and feel the difference

Cairns Protection—Use of thermal impact caps

Cairns Warranty—5-year shell replacement warranty

Cairns Choice—The most models and options on the market



Metro 660C



Tough DuraGlas™ fiberglass composite shell painted with a hardcoat paint finish.

Phoenix 660P



Dependable, through-color, high-temperature thermoplastic shell.

Invader 664



Rugged, through color DuraGlas® fiberglass composite shell resists chipping and cracking.

Intruder 990



Extreme protection, includes 3-layers of Kevlar composite for superior cut and penetration resistance.

The Metro 660C, Invader 664, Phoenix 660P, and Intruder 990 are NFPA 1971-2007 certified.

Shell Release System

- MSA-exclusive system provides an extra margin of safety—demand it.
- Water-based foam for resistance to high heat and flame.

Impact Cap Performance

- Part of a complete helmet system.
- Provides increased thermal and impact protection.
- Tube-lock system, instrumental in absorbing the shock of an impact.

The Metro 660C, Invader 664, Phoenix 660P, and Intruder 990 Helmets all feature the shell release system.



Commando HP3



Structural 360S



- Low-profile design is ideal for EMS and rescue operations.
- Full foam impact cap used for increased impact protection.
- Durable fiberglass shell resists cracking and chipping.

- Lightest structural fire helmet in the Cairns line.
- Well-balanced construction for all-day comfort.
- Tough thermoplastic shell for everyday durability.

Commando HP3 and Structural 360S Helmets do not include the Cairns shell release system.

Commando HP3 and Structural 360S Helmets are NFPA 1971-2007 certified.

Crash Fire Rescue (CFR) Proximity System

- Easy to don and doff, this CFR system is compliant with NFPA 1971-2007.
- Designed and approved for use with the Metro 660C and Intruder 990 Fire Helmets, it will not interfere with the SCBA while in use.
- Components consist of an aluminized PBI/Kevlar layer, vapor barrier, and inner layer.

System consists of:

- Bonnet for 660C10041993
- Shroud for 660C10041994
- 6" gold-coated faceshield1071448
- 4" gold-coated faceshield1071444



All Cairns Helmets listed here include the following features:

- Market-leading 5-year shell replacement warranty.
- Non-corroding, high-temperature-resistant faceshield/goggle hardware.
- Rugged, high-temperature edge will not melt or drip.
- Easy front headband adjustment for proper SCBA mask fit.
- Simple rear ratchet height adjustment to fit all head sizes.
- Headband (6 3/8" to 8 3/8") fits a wide variety of head sizes.
- Durable helmet hanger fits on large hooks and resists bending.
- Minimal parts for lower service cost and easier maintenance.

CAIRNS MODERN HELMETS

Ordering Information

Pre-Assembled Helmet Part Numbers

The most popular CairnsHELMETS styles can be ordered easily using the part numbers listed below. To designate a helmet color, simply add a W (White), B (Black), R (Red), Y (Yellow), O (Orange), C (Blue) or G (Green) after the part number.

Metro 660C Standard Fire Helmets

Standard Configuration

Includes Standard Flannel Cushion Liner, Yellow Nomex Earlap and choice of Eye/Face Protection:

660CFS	4" Standard Faceshield
660CGS	Cairns Goggle System
660CXS	ESS Goggle System

Deluxe Configuration

Includes Leather Cushion Liner, Flannel Crown Pad, PBI/Kevlar Earlap and choice of Eye/Face Protection:

660CFD	4" Tuffshield
660CGD	Cairns Goggle System
660CXD	ESS Goggle System

Invader 664 Standard Fire Helmets

Standard Configuration*

Includes Standard Flannel Cushion Liner, Yellow Nomex Earlap and choice of Eye/Face Protection:

664FS	4" Standard Faceshield
664GS	Cairns Goggle System
664XS	ESS Goggle System

Deluxe Configuration*

Includes Leather Cushion Liner, Flannel Crown Pad, PBI/Kevlar Earlap and choice of Eye/Face Protection:

664FD	4" Tuffshield
664GD	Cairns Goggle System
664XD	ESS Goggle System

*Not available in Orange, Blue, Green

Structural 360S Standard Fire Helmets

Standard Configuration

Includes Economy Flannel Cushion Liner, Yellow Nomex Earlap and choice of Eye/Face Protection:

360SFS	4" Standard Faceshield
360SGS	Cairns Goggle System
360SXS	ESS Goggle System

The Assemble-To-Order (ATO) System

The ATO System is easy to use, allowing you to order the right configuration to fit your needs. The ATO System allows you to build your own helmet by creating a feature-specific part number.

Model	Color	Eye Protection	Headband Liners	Earlap	Chinstrap	Trim Type	Trim Color	Trim Shape
1 990 Intruder	1 Black	0 None*	1 Economy Flannel	1 Yellow Nomex	1 Nomex with Quick Release	0 None*	0 Standard	0 Standard
2 660C Metro	2 Red	1 4" Tuffshield		2 Extended Nomex	2 Nomex with Quick Release & Postman's Slide	2 Reflexite (Standard)	1 Lime Yellow	1 Tetrabar
3 660P Phoenix	3 Blue†	2 Cairns ESS Goggles	2 Standard Flannel	3 PBI/Kevlar	3 3" longer Nomex with Quick Release & Postman's Slide	3 Scotchlite	2 Red Orange*	2 Bar
5 HP3 Commando	4 White	3 Cairns Goggles	3 Deluxe Leather with Crown Pad	4 Extended PBI/Kevlar	4 Nomex with Postman's Slide C922L for 660C C894L for 360S		3 Blue*	3 Diamond
6 360 Structural	5 Yellow	4 ESS Innerzone 3 Goggles		5 Bloodborne Pathogen Resistant	5 Nomex with Quick Release PP Buckle		4 White*	4 Triple Trim
A Invader 664	6 Orange**‡	5 ESS Innerzone 2 Goggles		6 Nomex Winter Neck Protector	6 6" longer Nomex with Postman's Slide			
	7 Green‡	6 ESS Innerzone 1 Goggles		7 PBI Winter Neck Protector				
		7 4" Standard Faceshield		8 CFR Aluminized Bonnet with PBI/Kevlar Shroud & Nomex Earlap†				
		8 6" Standard Faceshield		A Black Nomex				
		9 4" Gold-Plated Faceshield**						

* Not NFPA approved
** Not NFPA approved on 360 Structural
† Not available on 360, 660 Phoenix
‡ Not available on 664

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Accessories



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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