

Impact Cap
for MSA Cairns 1010/1044 Fire Helmets

Where Innovation Meets Tradition



WHEN YOU GO IN, WE GO IN WITH YOU.

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

1 Impact Cap

- Fewer components make the new impact cap easier to maintain and clean, as well as upgrade with the Defender Visor
- Defender® Visor automatically installed or enabled—no additional cap or hardware needed. Just order your Defender Visor kit
- Fits head sizes 6-3/8 to 8-3/4
- Designed to accommodate a 4-pt chinstrap to help improve helmet retention. Works with 2-point chinstrap as well
- With the nape arm/speedy button mechanism, the nape strap location is adjusted in seconds—without tools!
- Easy to retrofit into your current 1010/1044 Cairns Helmet
- Washable impact cap helps enforce NFPA 1851 requirements

2 Defender Visor

- Retractable eyewear system that stows neatly, cleanly, and securely inside the helmet
- Deploys quickly, even with a gloved hand
- Features quick disconnect for fast, tool-free lens change
- Optically correct lens eliminates peripheral distortion
- Available new or as user-upgrade kit
- New impact cap comes with upgrade hardware built right in for significant time and money savings!
- Replacement lenses are on the **sos** program

3 Soft Goods

- Simple to replace or take out to launder
- Kits include mesh laundering bag and are available for various combinations of liners and ear laps
- All kits are on the **sos** program
- Easy to order part numbers for extra soft goods and kits; can be added to ATO if needed
- PBI/Kevlar or Bloodborne Pathogen materials, as well as underchin extension, also available for earlaps

4 Helmet Shell

- Flexes with impact to absorb energy
- Lower profile than many competitors' helmets
- Fiberglass composite can be painted and is available as the 1010 (eight colors). Unpainted shells are available as the 1044 (four colors)



5 Suspension and Retention Systems

- Unique Shell Release System (SRS) helps to ensure impact cap stays on your head if helmet shell is dislodged
- Exclusive headband interface provides easy adjustment to fit a variety of SCBAs
- Provides a deep, stable fit while allowing enough crown clearance for maximum impact protection
- Standard in 6-point configuration

With MSA Cairns, You Get More than You Pay For: 10-Year Warranty¹


We know, as do firefighters, that MSA Cairns Fire Helmets are the most durable products on the market. We back up that claim with a 10-year lifetime warranty that the products will be free from defects in materials and/or faulty workmanship. When you factor in the quality, ease of maintenance and unique safety features found **ONLY** in MSA Cairns Fire Helmets, it's easy to see why firefighters are fiercely loyal to the MSA Cairns brand.

¹10-year warranty applies only to MSA Cairns helmets manufactured on or after January 1, 2015. For details on MSA Cairns Fire Helmet 10-Year Warranty, please see www.MSAFire.com.

MSA Cairns 1010/1044 Traditional Fire Helmet Features

		
	Cairns 1044	Cairns 1010
NEW IMPACT/THERMAL CAP	Provides superior thermal and impact protection through an impact-resistant polymer liner covered by a high-temperature, energy-absorbing urethane foam	
WARRANTY	10 years ¹	
MADE IN THE U.S.A	Yes	
THROUGH-COLOR FIBERGLASS COMPOSITE SHELL² (1044–unpainted/1010–painted)	Maintains color even after taking a beating on the fireground	
AVAILABLE COLORS	1044 – black, yellow, red, white 1010 – black, yellow, red, white, orange, blue, green, pink	
RETRACTABLE DEFENDER VISOR (installed or enabled)	Deploys easily when you need it, stores securely inside your helmet shell when you don't. New impact cap comes with upgrade hardware built right in!	
SHELL RELEASE SYSTEM (SRS)	Retain your impact cap, 6-pt suspension system and earlaps if your helmet shell is torn away during a fall or structural collapse	
CRUMPLE-ZONE FRONT HOLDER³	Absorbs impact forces to help protect your head, neck and spine from injury	
ADJUSTABLE NAPE HEIGHT	Three ratchet height positions easily adjusted with the nape arm/speedy button mechanism	
ADJUSTABLE HEADBAND HEIGHT	Ensures a perfect fit between your helmet and SCBA mask	
HEAD SIZE ACCOMMODATED	6 ³ / ₈ to 9 ³ / ₄ !	
EMBOSSSED HELMET BRIM	Oak vine pattern ties the helmet to 180 years of Cairns helmet design tradition	
D-RING HELMET HANGER	Fits on large hooks and resists bending	
NOMEX CHINSTRAP OPTIONS	Enhances safety, performance and fit through hi-viz quick-release buckles, optional postman's slide, and hook and loop stowage system. Available in 2-point or 4-point configurations	
ARFF PROXIMITY SYSTEM AVAILABLE	Yes	
COMPLIANCE	NFPA 1971-2018 (Structural) and NFPA 1971-2018 (Proximity)	

Same Day Shipping on Our Most Popular Items

When you can't afford to wait another day! We offer our most popular MSA Cairns products in our Stock-Order-Ship (SOS) program. For these products, if your order is entered by 2:30 PM, the product ships the same day from our warehouse in Pittsburgh, PA. Look for the SOS symbol  beside products in the program. Remember, too, you can always order customized MSA Cairns Fire Helmets through Assemble-to-Order (ATO). ATO forms are on every fire helmet product page on www.MSASafety.com

¹Helmets manufactured on or before January 1, 2015 have a limited five year warranty. For details on both warranty policies, please see www.MSAFire.com

²Through color is present on blue, red, white and yellow. All others are painted over a white shell.

³Crumple zone front holders are designed to absorb energy from an impact.

Select Replacement Parts

To evaluate the **impact cap** for **MSA Cairns 1010/1044 Fire Helmets**, please contact the MSA Business Development Team 1-800-672-9010 or by email at MSAinsideSales@msasafety.com



P/N	Description
10164282	MSA Black Poly Rolling Duffel Bag (25"x13"x13")
SOS 10077117	Defender Visor, Clear Lens
SOS 10077118	Defender Visor, Amber Tuffshield Lens
SOS 10160548	Soft Goods Kit: Standard Liner, Yellow Nomex Ear Lap, Velcro Tabs, Mesh Laundering Bag ¹
SOS 10160549	Soft Goods Kit: Standard Liner, Black Nomex Ear Lap, Velcro Tabs, Mesh Laundering Bag ¹
L655XP	Yellow Nomex Earlap
L655AP	Yellow Nomex Earlap w/ Underchin Extension
L655GP	Black Nomex Earlap
10124742	Black Nomex Earlap w/ Underchin Extension
L955P	PBI/Kevlar Earlap
L955AP	PBI/Kevlar Earlap w/ Underchin Extension
L945P	PBI/Kevlar Bloodborne Pathogen Resistant Earlap

P/N	Description
Impact Cap Replacement Kit w/ Standard Chinstrap	
10170236	Clear Lens and Standard Headband
10170240	Clear Lens and Deluxe Headband
10170237	Tuffshield Lens and Standard Headband
10170241	Tuffshield Lens and Deluxe Headband
Impact Cap Replacement Kit w/ Postman's Slide Chinstrap	
10170238	Clear Lens and Standard Headband
10170242	Clear Lens and Deluxe Headband
10170239	Tuffshield Lens and Standard Headband
10170243	Tuffshield Lens and Deluxe Headband

MSA Cairns 1010/1044 Helmets Ordering Information

P/N			Model	Description
Red	Yellow	Black		
SOS 1010DSR	1010DSY	1010DSB	Cairns 1010	with Impact Cap, Clear Defender Visor, Yellow Nomex Earlap, Chinstrap with Postman's Slide and Lime Yellow Reflexite Trim
SOS 1044DSR	1044DSY	1044DSB	Cairns 1044	with Impact Cap, Clear Defender Visor, Yellow Nomex Earlap, Chinstrap with Postman's Slide and Lime Yellow Reflexite Trim

MSA Cairns Traditional Fire Helmets Assemble-To-Order (ATO) Matrix

A	B	C	D	E	F	G	H	I	K	L
Model	Color	Eye/Face Protection	Headband Liners	Earlaps	Front Holder	Chinstrap	Trim Type	Trim Color	Additional Eye/Face Protection	Accessory Type
1 1010 7 1044	1 Black 2 Red 3 Blue 4 White 5 Yellow 6 Orange ♦ 8 Pink ♦	1 4" Tuffshield 2 Cairns 550 Goggles 4 ESS Innerzone 3 Goggles 5 ESS Innerzone 2 Goggles w/low-profile hardware 8 6" Gold-Coated Faceshield ** B Defender Visor, Clear C Defender Visor, Amber Tuffshield E ESS Inner Zone 2 Goggles w/side-mounting hardware M NFPA compliant Bourkes	2 Standard Flannel 4 Deluxe Leather, 1010/1044	1 Yellow Nomex 2 Yellow Nomex w/Underchin Extension 3 PBI/Kevlar 5 Bloodborne Pathogen Resistant 9 CFR Aluminized Bonnet w/PBI/Kevlar Shroud S 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 6 6" Carved Brass Beaver 7 6" Carved Brass Dragon	1 Nomex w/Quick Release 2 Nomex w/Quick Release & Postman's Slide 3 4-pt Nomex w/Quick Release 4 4-pt 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 1 4" Tuffshield 2 Cairns 550 Goggles 4 ESS Innerzone 3 Goggles 5 ESS Innerzone 2 Goggles w/low profile hardware 8 6" Gold-coated Faceshield B Defender Visor, clear C Defender Visor, Amber Tuffshield E ESS Innerzone 2 w/side mount hardware M NFPA compliant Bourkes N Low-Profile Hardware only	0 None A Low-Profile Goggle (10029699) B Low-Profile Hardware Only C Additional Soft Goods Kit
Column: A B C D E F G H I J K L C-TRD- [] [] [] [] [] [] [] [] [] [] [] PART NUMBER QUANTITY										

♦ Not available on 1044
 * Not NFPA 1971 compliant
 ** Compliant to NFPA 1971 Proximity Firefighting ONLY
 S Not NFPA-1971 compliant when used with a Front Holder

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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