Cairns® **XF1 Fire Helmet**

MSA
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The design of the National Fire Protection Association (NFPA) 1971- and 1951-compliant Cairns XF1 capitalizes on the expertise of firefighters who wear jet-style fire helmets, while blending in the needs of the North American firefighter.

MEETING FIREFIGHTER NEEDS: BENEFITS OF THE CAIRNS XF1[1]



REDUCED SNAGS

The Cairns XF1 has been engineered as much for comfort and fit as safety. The most obvious feature is what it lacks—the XF1 is brimless. While untraditional, the lack of a brim makes it easier to crawl into tight spaces and retain your helmet.



INTEGRATED VISOR

The optional integrated ocular visor provides additional eye protection that is easy to deploy, clean, and replace. The internally-mounted communication headset snaps easily inside the helmet, providing incoming communication right to the ear, where it's needed most.



EASY TO CLEAN

The Cairns XF1's modular design allows it to be quickly disassembled for thorough inspection, care and maintenance. Plus, the helmet's soft goods are removable, washable and replaceable—all without the use of tools.



LIGHTING THE WAY

This compact light accessory is housed inside the helmet, reducing exposure to heat, flames, and impact. The strategic placement of LED lights on either side of the helmet improves visibility in dark conditions without detracting from others' vision.



PERSONALIZED FIT

Several easy-to-find adjustments can be made enabling the fire helmet fit to be customized to the individual. When it's all said and done, the XF1 doesn't just fit firefighters—it fits most of them comfortably.[2]



CUSTOMIZED LOOK

The Cairns XF1 is available in four colors (black, white, yellow, and red), and two finishes (matte and glossy), so firefighters can choose a look that fits their style. Customized front plates in a variety of colors and custom printing are also available.

[1] *Accessories are not certified to NFPA; however, their addition to the helmet does not affect NFPA compliance.*
[2] *This information based on Beta trial of 250 participants with various facepieces, including competitor SCBA.*

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MSA CAIRNS XF1 PART NUMBERS

HELMETS

MATERIAL NUMBER	SIZE		FINISH		COLOR			
	MED	LARGE	MATTE	GLOSSY	BLACK	RED	WHITE	YELLOW
GYM1018500000-NE16	■		■		■			
GYM1018500000-RD16	■		■			■		
GYM1018500000-BU16	■		■				■	
GYM1018500000-JC16	■		■					■
GYL1018500000-NE16		■	■		■			
GYL1018500000-RD16		■	■			■		
GYL1018500000-BU16		■	■				■	
GYL1018500000-JC16		■	■					■
GYM1018500000-NA16	■			■	■			
GYM1018500000-RE16	■			■		■		
GYM1018500000-BA16	■			■			■	
GYM1018500000-JD16	■			■				■
GYL1018500000-NA16		■		■	■			
GYL1018500000-RE16		■		■		■		
GYL1018500000-BA16		■		■			■	
GYL1018500000-JD16		■		■				■

ACCESSORIES

MATERIAL NUMBER	DESCRIPTION
GA1150-16	XF1 Front Plate, black
GA1484	XF1 Lighting module
GA1087C	XF1 Ocular visor assembly
GA010002H3	XF1 Boom microphone headset
GA010002H3A	XF1 Boom microphone headset 2 LS
10163388	PTT for APX6000/7000**
10163389	PTT for XTS5000**

*** For other compatible radios, check the Cairns XF1 Accessories webpage.*

MSA CAIRNS XF1 FIRE HELMET TECHNICAL DATA

SIZE	
MEDIUM	Head sizes from 6½–7¾ (52–62 cm)
LARGE	Head sizes from 7⅛–8⅛ (57–65 cm)
WEIGHT	*Base helmet (with full face shield), compliant to NFPA 1971 and NFPA 1951*
MEDIUM	55–57 oz. (1.59+/-30 g)
LARGE	60–62 oz. (1.70+/-30 g)
COLORS	Black Yellow White Red
FINISHES	Matte Glossy
APPROVALS	NFPA 1971, Standard on Protective Ensembles for Structural and Proximity Fire Fighting (current edition)* NFPA 1951, Standard on Protective Ensembles for Technical Rescue Incidents (current edition)
SHELL	High temperature thermoplastic (injection molded)
IMPACT LINER	Shock-absorbing polyurethane foam with aramide reinforcement
CHINSTRAP	Kevlar®/Nomex blend
SOFT GOODS & EAR COVERS	Nomex
FULL FACE SHIELD	High temperature thermoplastic with AF/AS coatings

** Certified for structural firefighting only.*

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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