

MSA Cairns®
Leather Fire Helmets

MSA Cairns®
The Safety Company

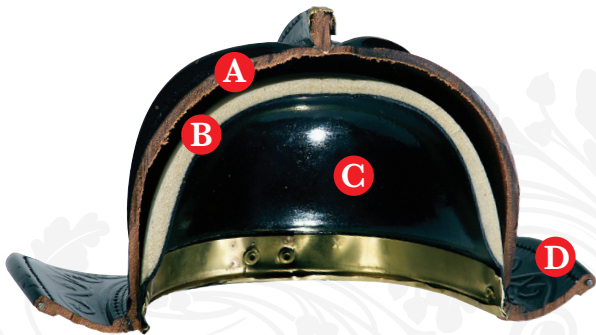


WHEN YOU GO IN, WE GO IN WITH YOU.

Quality Craftsmanship

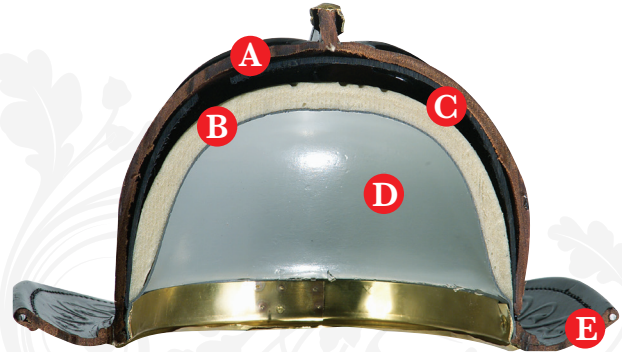
Since 1836, MSA Cairns leather fire helmets have retained the same authentic look and quality relied on by firefighters for generations. Each leather helmet is individually handcrafted and ready to provide years of dependable service. MSA Cairns Leather Fire Helmets are the iconic symbol of pride in the fire service.

N5A New Yorker Cut-Away



- A** 100% top-grain steer hide
- B** High temperature-resistant urethane foam
- C** ABS inner liner
- D** Sewn-over wire reinforcement

N6A Houston Cut-Away



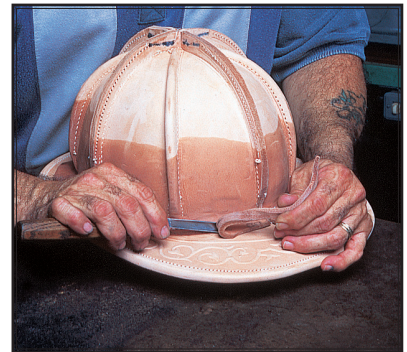
- A** 100% top-grain steer hide
- B** High temperature-resistant urethane foam
- C** Lexan outer dome
- D** ABS inner liner
- E** Sewn-over wire reinforcement



Hand-shaped



Hand-stitched



Hand-trimmed

Handcrafted with Meticulous Detail

- The New Yorker N5A and Houston N6A shells are hand-constructed of 100% top-grain steer hide¹ and impregnated with a natural resin system, which is sealed and over-coated with a colored high-luster finish.
- The crown is hand-sewn to the one-piece brim section. Showing attention to detail in every stitch, the brim is embossed with the Original fire service vine pattern.

- The thermal impact liner is then installed within the leather crown. The thermal impact liner dramatically increases the levels of protection where you need it most.
- The Cairns six-way overhead strap suspension system reduces shock transmission while providing a deep, comfortable fit.
- Removable/washable soft goods are standard on every MSA Cairns Leather Fire Helmet.²

¹ All MSA Cairns leather fire helmets shells are 100% top-grain steer hide.

² Only available on MSA Cairns leather helmets ordered after August 1, 2018.

A Growing Legacy

MSA Cairns Leather Fire Helmets are not only handmade to preserve the tradition as a fire service icon, but also engineered with a safety-first approach. The updates over the years preserve the character of the leather fire helmet while helping to improve safety:

1 NFPA-compliant Bourkes

Combining the traditional look of Bourkes that were invented in the 1960s with modern materials, the NFPA compliant Bourkes satisfy the eye/face protection requirements as prescribed by NFPA-1971:2018, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting. In addition to being compliant to NFPA-1971:2018, the NFPA-compliant Bourkes are also compliant to ANSI/ISEA Z87.1:2015 as an impact protector (Z87+).

To get your NPFA-compliant Bourkes order P/N 10194911 (NFPA-compliant Bourkes Lens and Hardware Kit for MSA Cairns Leather Helmets).¹



N6A Helmet w/ NFPA-compliant Bourkes

2 Washable Soft Goods for MSA Cairns Leather Fire Helmets

MSA Cairns Leather Fire Helmet ordered after August 1, 2018² will offer **only** removable, washable soft goods. There are three options available on the ATO: yellow nomex, black nomex or PBI/Kevlar ear cover. Additionally, each of these soft goods is available as a kit, complete with a laundering bag.²




Leather Helmet Soft Goods


Part No.	Soft Goods Kit Description
10187685	Black Nomex Ear Cover and Liner, Ratchet and Crown Pads, Laundering Bag (for Medium N5A and N6A)
10187686	Black Nomex Ear Cover and Liner, Ratchet and Crown Pads, Laundering Bag (for Large N5A and N6A)
10187688	Yellow Nomex Ear Cover and Liner, Ratchet and Crown Pads, Laundering Bag (for Medium N5A and N6A)
10187689	Yellow Nomex Ear Cover and Liner, Ratchet and Crown Pads, Laundering Bag (for Large N5A and N6A)
10187690	PBI/Kevlar Ear Cover and Liner, Ratchet and Crown Pads, Laundering Bag (for Medium N5A and N6A)
10187691	PBI/Kevlar Ear Cover and Liner, Ratchet and Crown Pads, Laundering Bag (for Large N5A and N6A)

3 Removable Washable Chin Straps

In 2018, MSA Cairns led the industry by offering removable and replaceable soft goods for all structural firefighting helmets. Beginning January 2, 2020, and to maintain alignment with cancer prevention directives recommended by the Firefighter Cancer Support Network (FCSN), MSA Cairns will offer removable, replaceable and washable chinstraps.

Replaceable Chinstraps available for Leather Helmets:

Part Number	Chinstrap with QRB and Postman's slide	N5A and N6A
 10204155	2 pt (20.5" long)	■
10207044	2 pt (28" long)	■
10204160	4 pt (20.5" long)	■

PN 10204155 is stocked in the Pittsburgh warehouse and available on the  program.



Model N6A Boston Bend shown w/ Chinstrap 10207044

¹ The Bourkes does not affect the compliance of the helmet as shipped from the MSA factory.

² The MSA Cairns Leather Fire Helmet washable soft goods are NOT able to be retrofit into leather fire helmets manufactured before August 1, 2018.

4 **Bronx Bend**

Get the historical “rolled” brim style direct from the MSA fire helmet factory. Both the MSA Cairns N5A New Yorker (OSHA compliant) and the N6A Houston (NFPA 1971 compliant) are now available with a Bronx Bend (large and medium sizes). All Bronx Bend options come complete with one of three removable soft goods options, and your choice of eye protection¹ (including NFPA-compliant Bourkes).



N6A Helmet w/ NFPA-compliant Bourkes & Bronx Bend



N5A Helmet with Bronx Bend

5 **Boston Bend**

Looking for the classic “flat” brim style made popular in New England? Both the MSA Cairns N5A New Yorker (OSHA compliant) and the N6A Houston (NFPA 1971 compliant) are now available with a Boston Bend (large and medium sizes). All Boston Bend options come complete with one of three removable soft goods options, and your choice of eye protection¹ (including NFPA-compliant Bourkes).



Boston Bend front view



Boston Bend top view



Boston Bend side view

Note:

All MSA Cairns Leather Fire Helmets with Traditional, Bronx, and Boston Bends are “hand shaped,” including the “bends.” Due to “hand-forming” the bends, no two helmets will be exactly the same.

¹ Traditional Bourkes (non-NFPA compliant) are not available on the N6A Houston for products manufactured after August 1, 2018.

⑥ Leather Presentation Helmets

MSA Cairns offers two "Handmade" Leather Presentation Fire Helmets in both 8 Brim, "G5A Presentation," and a 64 Brim, "G64 Presentation." The G64 and G5A both offer the option of a 6" Carved Brass Eagle or a 8" Carved Brass Parade Eagle.



G5A Presenter, yellow



G64 Presenter, black



G5A Presenter, brown



G64 Presenter, brown

More than You Pay for: 10-Year Warranty

We know, as do firefighters, that MSA Cairns Helmets are the most durable products on the market. We back up that claim with a 10-year lifetime warranty that the product will be free from defects in materials and/or faulty workmanship.¹ When you factor in the quality, ease of maintenance and unique safety features found ONLY in MSA Cairns Helmets, it's easy to see why firefighters are loyal to the MSA Cairns brand.

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

#realleatherhelmets



ATO (Assemble-To-Order) Matrix for Cairns Leather Helmets

Order customized MSA Cairns Leather Fire Helmets using the following ATO. Please note that certain selections may cause your MSA Cairns N6A Leather Fire Helmet to become non-NFPA compliant.

A	B	C	D	E	F	G	H	I
Model	Color	Size	Eye/Face Protection	Removable/Washable Earlaps	Front Holder	Removable/Washable Nomex Chinstrap	Trim Type	Trim Color
1 N6A Houston, Standard Bend 3 NSA New Yorker, Standard Bend* 5 G5A Presentation* 6 G64 Presentation* 7 N6A Houston, Bronx Bend 8 NSA New Yorker, Bronx Bend* A N6A Houston, Boston Bend B NSA, New Yorker, Boston Bend	1 Black 2 Red 3 Blue 4 White 5 Yellow 7 Natural*	1 Medium 2 Large	0 None * 1 4" Tuffshield 4 ESS Innerzone 3 Goggle System 5 ESS Innerzone 2 Goggle System with low-profile snap on /snap off hardware* 9 ESS Innerzone 2 Goggle System with side-mounting snap on/ snap off hardware M NFPA Compliant Bourkes A NFPA Compliant Bourkes & Innerzone 3 Goggle B NFPA Compliant Bourkes & Innerzone 2 with side-mounting hardware C Traditional Bourkes*^ D Traditional Bourkes & Innerzone 3 Goggle*^ E Traditional Bourkes & Innerzone 2 with side-mounting hardware*^	4 Liner Cushion (G5A, G64 only) 5 Sateen liner w/Jumbo Nomex Yellow earlap 6 Sateen liner w/Jumbo PBI/Kevlar earlap 7 Sateen liner w/Jumbo Nomex Black earlap	1 6" Carved Brass Eagle 4 6" Carved Brass Beaver 5 6" Carved Brass Dragon 7 8" Bronze Carved High Eagle (G5A, G64 only)	0 None (Presentation Helmets only) 2 2-pt w/Quick Release & Postman's Slide 4 4-pt w/Quick Release & Postman's Slide 5 2-pt w/Quick Release & Postman's Slide, 7.5" longer	0 None * 2 Reflexite (Standard) 3 Scotchlite	1 Lime/Yellow (standard) 2 White * (Reflexite Only) 3 Red/Orange * 4 Red/Orange Triple Trim (Scotchlite Only) 5 Lime/Yellow Triple Trim (Scotchlite Only)

* Not NFPA 1971 compliant
 ^ Traditional Bourkes are available for NSA New Yorker fire helmets ONLY.

Column: A B C D E F G H I

B-LTH-

PART NUMBER

QUANTITY

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 operates in over 40 countries worldwide. To find an MSA office near you, please visit [MSAsafety.com/offices](https://www.MSA.com/offices).