



Fire Innovations

Product Specifications

Product No	1101-0040
Description	Mohawk Ladder/Escape Belt
Revision	C
Date:	10.12.2023



INTENTION OF DESIGN

The Mohawk Belt is a certified NFPA 1983:2022 Fire Resistance (FR) Escape/Ladder* Belt (with MUS). This belt is to live on an apparatus and be used by the firefighter scheduled for that position or quickly adjusted on the fly by a firefighter, even if they are responding from the station to a call. It only takes seconds to change the gross rear adjuster, and once donned; it can be tightened by the fine side adjuster and built to accommodate different bailout systems. Both sides of the belt can be utilized for carrying equipment. A rear NFPA positioning point is not an available option with this belt. The Mohawk has one fixed D-Ring as an NFPA Attachment/Positioning point.

OVERVIEW

The Mohawk Belt is a certified NFPA 1983:2022 Fire Resistance (FR) Escape/Ladder* Belt. It is a one-size-fits-all belt that is easily adjustable on the fly. The accessory Kevlar gear loops are located on both sides, and this belt's modular design allows accessories such as ax loops and bailout systems to be placed on either side of the belt.

A patented Multi-Use strap (MUS) can be added, and it functions as an NFPA ladder strap a one-leg harness, and can be used to perform various RIT and victim carries/drag. The MUS can be neatly stowed inside an accessory pouch attached to the belt or in a turnout pocket.

The Mohawk series is constructed with 1.75" Kevlar® webbing and comes standard with an attachment point for a bailout and/or connecting an NFPA ladder strap.

KEY FEATURES

- Custom fitted to individuals with 28" to 50" waist.
- Fast fine adjustment
- Fast gross adjustment
- Use of both sides of the belts for tools and bailout systems
- Kevlar® Construction
- NFPA 1983-2022 FR Escape Belt & Ladder Belt*

KEY BENEFITS

- Escape Belt
- Tool Belt
- Rescue Belt
- It is best for Departments that want to keep the belt on the rigs for each position.
- Design to be used over the coat.

CERTIFICATIONS

- NFPA 1983-2022 Escape & Ladder Belt Fire Resistant

RELATED PRODUCTS

- Comanche Escape Belt

HIGHLIGHTS

- NFPA Escape & Ladder Belt
- One belt fits all
- Ambidextrous design (Left or right-handed)
- Forward pull adjustment fine adjustment
- Rapid rear pull gross adjustment
- 100% Kevlar construction
- UL rated buckles

VERSATILITY

The Mohawk is an NFPA Escape Belt and ladder Belt*; it uses an upgradable modular design. Rapidly fitted to individuals from 28" to 50" and to both left or right-handers. It is easily adjusted for any firefighter with a fast gross adjustment on the back of the belt and a fine six-inch (6") adjustment on the front of the belt.

This belt can be outfitted with various bailout systems and accessories for added versatility.

MODULAR & UPGRADABLE

The belt accessories can be added at any time. This keeps the cost down on the initial purchase. One only needs to buy one belt and then add accessories as needed to meet your requirements.

TECHNICAL SPECIFICATIONS

ADDITIONAL INFORMATION

Visit us at
www.fireinnovations.com

COMPANY FACTS

- Fire Innovations is an ISO 9001:2015 certified manufacturer.
- Products Independently tested by Underwriters Laboratories (
- Founded in the year 2000
- All products, proudly made in the USA

Materials		Specifications
Buckles	Forged Steel	100% Proof Tested 2500lbs+
Materials	Kevlar® Webbing	9000lbs
Thread	Kevlar®	138 Bonded
Weight	1.4lbs ± .2lbs	1.4lbs ± .2lbs

Product Segments	
Per position on rig	Yes
Individual issue	No
Sizing	Multi-Size
Uses	Bailout, Ladder operation, & Rescue
Benefits	Lightweight: Able to carry tools and accessories. It can be adjusted to exactly their waist size; there is no need for custom sizing.
Difference	No rear Positioning Point One attachment/positioning point
Turnout modification requirements	None. Dooned over the turnout coat.
Adjustable	Rear Gross Adjustment (1-3sec.) Front Fine Adjustment (1-3sec.)

ACCESSORIES

Part No.	Description
1101-0040	Mohawk Escape Belt
1101-0075	Axe/Tool Holder
1101-0090*	Multi-Use Strap™: NFPA Ladder Strap, Positioning Point, Escape Anchor (with carabiner option)
1101-0080	Accessory Pouch
1102-0006	Hook & Go II
1105-0024.45	Right Half Leather Scabbard
1105-0020.45	Right Full Leather Scabbard
1105-0026.45	Left Half Leather Scabbard
1105-0022.45	Left Full Leather Scabbard
1105-0037	Small Leather Back Plate
1105-0007	Chainsaw/Light Box
1105-0006	Gloveholder

1101-0040	Mohawk Ladder/ Escape Belt	Rev. C	10.12.2023
-----------	----------------------------	--------	------------

BID SPECIFICATIONS

Mohawk Series Firefighter NFPA FR Escape Belt

General Requirements

The Mohawk escape belt shall be compliant to NFPA 1983-2017 Edition Standards. The belt shall be capable of 3,034 lbs. static load. The belt shall be constructed of one and three quarter inch (1.75") Kevlar® webbing. The belt shall be able to fit firefighter's waists from 26" to 50". The belt shall have a D-ring NFPA Attachment/Positioning point at the Inverted Snap Buckle, two (2) sets of gear loops. As an option, the belt shall have the capability to include the accessories listed above.

Buckles

All buckles shall be constructed of forged alloy steel/Cadmium Plated and at the minimum 100% proof load tested @11.2 kN (2500 lbs.).

Webbing

The D-Ring side of the belt shall be made of 4 layered Kevlar and sewed with 138 bonded twisted Kevlar® thread; The V-Ring side of the belt shall have a 2:1 Fine Adjustment forward pull, with a 1:1 gross adjustment rear pull. The fine adjustment buckle shall be secure with a 5 point diamond box stitch 4" x 1.375" with 138 bonded twisted Kevlar® thread.

Mohawk Series Firefighter NFPA FR Escape/Ladder Belt

General Requirements

The Mohawk Escape/Ladder belt shall be compliant to NFPA 1983-2017 Edition Standards. The belt shall be capable of 3,034 lbs. static load. The belt shall be constructed of one and three quarter inch (1.75") Kevlar® webbing. The belt shall be able to fit firefighter's waists from 28" to 50". The belt shall have a D-ring NFPA Attachment/Positioning attachment point at the Inverted Snap Buckle, two (2) sets of gear loops. As an option, the belt shall have the capability to include the accessories above. An optional carabineer or lanyard (sewn or hitched) connected Multi-Use Strap is to be incorporated with this belt to create a certified NFPA ladder belt

Buckles

All buckles shall be constructed of forged alloy steel/Cadmium Plated and at the minimum 100% proof load tested @11.2 kN (2500 lbs.).

Webbing

The D-Ring side of the belt shall be made of dual layered Kevlar and sewed with 138 bonded twisted Kevlar® thread; The V-Ring side of the belt shall have a 2:1 Fine Adjustment forward pull, with a 1:1 gross adjustment rear pull. The fine adjustment buckle shall be secure with a 5 point diamond box stitch 4" x 1.375" with 138 bonded twisted Kevlar® thread.

An optional carabineer or lanyard (sewn or hitched) connected Multi-Use Strap is to be incorporated with this belt to create a certified NFPA ladder belt, also the end of the MUS is a certified NFPA Positioning point. A carabineer MUS is a certified Escape Anchor in the Basket configuration around an object.

Q & A

Question

What approvals do the Fire Innovations Mohawk Series belts have?

Answer

The Fire Innovations Mohawk Series belt is approved and designed to exceed the standards of both NFPA 1983-2017 edition (Standard for Fire Service Life Safety Rope and System Components) as an Escape belt and/or Ladder belt (with the optional Multi-Use Strap).

Question

My department has firefighters of various sizes. Can the Fire Innovations Mohawk Series belt accommodate our firefighters?

Answer

Yes. The Fire Innovations Mohawk series belts were designed to accommodate most firefighters. A single belt can be adjusted from 28" to 50". This is done by first setting the fast gross adjustment in the back, then leaving a 6" fine adjustment in the front. This unique design allows the wearer to use both sides of the belt.

Question

How are the Fire Innovations Mohawk Series belts sized?

Answer

The Fire Innovations Mohawk Series belts are sized one size fits all 28" -50". When adjusting the belt, firefighters should adjust the fast gross adjustment to their station uniform, the fine adjustment allows expansion to the turnouts.

Question

How much does the Fire Innovations Mohawk Series belt weight?

Answer

The Fire Innovations Comanche Series belt weights approximately 1.4 lbs. ± .2 lbs. Accessories such as tool loops, axe scabbards and ladder straps are optional equipment and do add to the weight accordingly.

Question

Can this belt have a rear tag ring (NFPA Positioning Ring)?

Answer

No. Due to the design and its ability to cover all waist sizes, a positioning/tag ring is not an available option for this belt. Only one fixed D-Ring (attachment/positioning point) available.

Question

Can a bailout system be attached to the Mohawk series belt?

Answer

Yes. Fire Innovations has several different styles of bailout systems that can be incorporated with this belt. Each style bailout system has been designed to meet specific firefighter requirements and needs.

Question

Why would I purchase the Mohawk Series belt over the other Fire Innovation Series belts?

Answer

The Mohawk Series belt is a great choice for departments that want to have a belt system for every position that responds in an apparatus, not for each individual or for teaching colleges where it's lent to students for the term. The Mohawk Series belt fast gross adjustment can be adjusted at the beginning of a shift and then placed over the turnout coat when responding to an alarm. The Cheyenne or Comanche belts are designed more for the individual or professional firefighter. Additionally, if the department requires that the escape belt have a NFPA positioning ring the Cheyenne Series belt has that option.

Question

Should I get the Multi-Use Strap attached to the belt or carabiner on?

Answer

The use of the Carabineer Multi-Use Strap has some functional advantages over the sewn on/lanyard Multi-Use Strap. One could put the strap away either on the turnout pocket or the rig, when not in need. It can also be rapidly disconnected and even be used as an approved NFPA Escape Anchor.

Question

What are the benefits of having the Multi-Use Strap lanyard on to the belt?

Answer

The most beneficial reason is that it will not get lost. Also it is readily available for use. When it is folded and stowed into the accessory pouch, it maintains a relatively low profile, also less weight. Larger Department like attach version due to the firefighter will not lose or detach the Multi Use Strap.