



Fire Innovations

Product Specifications

Product No	1101-0001
Description	Cheyenne Ladder/Escape Belt
Revision	D
Date:	04.18.13



KEY FEATURES

- Custom fitted or multi-size belts available.
- Fast fine adjustment
- Custom sizes allow both sides of belt for tools, accessories, multi Positioning Points and Attachment Points
- Kevlar® Constructed
- NFPA 1983-2012 FR Escape Belt & Ladder Belt*
- All D-Rings are NFPA Attachment Points/Positioning Point

KEY BENEFITS

- Tool Belt
- Rescue Belt
- Low initial cost
- Can be equipped over a Coat
- Full Leather Belt Backing for support

CERTIFICATIONS

- NFPA 1983-2012 FR Escape & Ladder Belt

RELATED PRODUCTS

- Comanche Escape Belt
- Navajo Escape Belt/Ladder

INTENTION OF DESIGN

The Cheyenne Belt is intended to be a certified NFPA 1983:2012 Fire Resistance (FR) Escape/Ladder* Belt (with MUS). It was design to have the most versatility of all our belt lines. The Cheyenne is a custom sized belt that is assign to an individual. It is worn over the turnout coat. Once donned the fine adjuster can tighten for a custom fit. The Cheyenne belt is ambidextrous. It can accommodate many different bailout systems. Both sides of the belt can be utilized for attaching equipment, such as axe loops and other belt accessories. A rearward NFPA positioning point is an available option. One fix D-Ring (NFPA Attachment/Positioning point) is standard but a second sliding D-Ring (NFPA Attachment/Positioning point) is also an available option. Several different Multi-Use Strap options are available to convert this escape belt into a ladder /escape belt. The multi-Use Strap can be connected with a carabineer, lanyard or sewn. (The sewn on version of the Multi-Use Strap was formerly known as the Navajo series belts.

The Cheyenne is also available as a multi-size belt and comes in three waist sizes; 28"-36"; 32"-42" (most popular size) and 42"-50"

The multi-size Cheyenne only allows tools or a bailout system to be deployed on the d-ring attachment side of the belt.

OVERVIEW

The Cheyenne Belt is a certified NFPA 1983:2012 Fire Resistance (FR) Escape Belt. The accessory Kevlar gear loops are located on both sides of the belt. They add to the Cheyenne great versatility by allowing incorporation of various belt accessories.

A patented Multi-Use Strap (MUS) can be added, and functions as a NFPA ladder strap, a one leg harness, and various RIT and victim carries/drags. This strap can be neatly stowed inside an accessory pouch attached to the belt or a turnout pocket. The end of the Multi-Use is a rated NFPA Positioning Point. The Carabineer Multi-Use Strap (CMUS) is a NFPA Escape Anchor in the Basket position.

The Cheyenne series is constructed with double layered Kevlar®, and comes standard with an attachment point for bailout and/or connecting a NFPA ladder strap.

HIGHLIGHTS

- NFPA FR Escape & Ladder Belt (Use with the Multi-Use Strap)
- Ambidextrous design (Left or right handed)
- Single point forward pull adjustment
- Double layered Kevlar construction
- UL rated buckles
- Optional NFPA Positioning Points (tag rings 1-3 or the end of the MUS)
- Optional NFPA Sliding Attachment Points/Positioning Points (D-Rings 1-4)
- Optional Velcro holder for Sliding D-Rings

VERSATILITY

The Cheyenne Series belts are available in both custom sizes available from 28" to 50" (increments of 2") or multi-size with ranges from small (S) 28"-36", medium (M) 32"-42" and large (L) 42"-50". Additionally, a 12" extension is available to further extend the belt waist dimensions.

All Custom size Cheyenne belts have eight inches (8") of adjustment to easily accommodate the firefighter's turnout. Additionally, a 12" extension is available to further extend the belt waist dimensions.

The single pull forward adjustment feature lets the firefighter quickly adjust to the proper fit, on the fly.

COMPANY FACTS

- Fire Innovations is an ISO 9001:2008 certified manufacturer.
- Products Independently tested by Underwriters Laboratories (UL)
- Founded in year 2000
- All products, proudly made in the USA

ADDITIONAL INFORMATION

Visit us
www.fireinnovations.com

MODULAR & UPGRADABLE

The Cheyenne belt accessories can be added at anytime. This can keep the initial cost down. One only needs to buy one belt, and then add accessories as needed to meet your requirements.

TECHNICAL SPECIFICATIONS

Materials	Description	Specifications
Hardware	Forged Steel	100% Proof test load 2500lbs+
Materials	1.75" Black Kevlar® Webbing	9000lbs
Thread	Kevlar®	138 Bonded
Weight	1.3 lbs ± .05 lbs.	

Product Segments	
Per position on rig	Not applicable in Custom size; There is a Multi Size Belt but only one side of the belt can be used for accessories.
Individual use	Custom sized and place over the turnout Coat
Uses	Bailout, Ladder operation, and Rescue
Benefits	Multi Attachment point and positioning points maybe added; Light weight; Able to carry tools and accessories.
Cons	Belt is waist size specific
Turnout requirements	Coat: Belt loops can be added to coat.
Adjustable	Fast Fine Adjustment (1-3sec.)

ACCESSORIES

Part No.	Description
1101-0001.xx	Cheyenne Escape Belt
1101-0075	Axe/Tool Holder
1101-0090*	Multi-Use Strap™: NFPA Ladder Strap, Positioning Point, Escape Anchor (with carabineer option)
1101-0080	Accessory Pouch
1101-0083	Bailout Pouch
1101-0085	Bailout & Accessory Pouch
1102-0006	Hook & Go II
1102-0008.01	Hook & Go III
1105-0025.45	Half Leather Scabbard
1105-0020.45	Full Leather Scabbard

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BID SPECIFICATIONS

Cheyenne Series Firefighter Escape Belt

General Requirements

The firefighter escape belt shall be compliant to NFPA 1983-2012 Edition Standards. The belt shall be capable of 3,034 lbs. static load. The belt shall be constructed of 1 3/4 inch (1.75") Kevlar® webbing. The belt shall have a D-ring attachment point and the main Buckle (40 degree or Straight), two (2) sets of gear loops. As an option, the belt can include NFPA Positioning rings (sometimes referred as a tag rings), and/or Multi Slide Attachment points (*D-Rings Bent or Straight). *Note: All D-rings are NFPA 1983-2012 Edition Attachment Points/Positioning Points

Buckles

All buckles shall be constructed of forged alloy steel and at the min. 100% proof load tested @11.2kN (2500 lbs.). Additionally, buckles shall be UL® tested and certified to NFPA 1983 and 2012 Edition Standards. All D-Ring are NFPA attachment/positioning points utilizing Bent 40degree D-Rings or Straight D-Rings, Inverted or Butterfly main buckle with fixed D-Ring is the main closure which clasp to V-Ring the slides on a 2:1 strap back to a adjuster buckle which is a forward pull to secure. The sliding Bent or straight D ring can slide to any point on the body of the belt.

Webbing

All webbing shall be constructed of dual layered 1.75" Kevlar and sewed with 138 bonded twisted Kevlar® thread. Additionally, webbing shall be UL tested and certified to NFPA 1983-2012 Edition Standards.

Cheyenne Series Firefighter Escape Belt/Ladder Belt

General Requirements

The firefighter escape belt shall be compliant to NFPA 1983-2012 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 have a D-ring attachment point and the main Buckle (40 degree or Straight), two (2) sets of gear loops. As an option, the belt can include NFPA Positioning rings (sometimes referred as a tag rings), and/or Multi Slide Attachment points (*D-Rings Bent or Straight). *Note: All D-rings are NFPA 1983-2012 Edition Attachment Points/Positioning Points

An optional carabineer or lanyard connected Multi-Use Strap is to be incorporated with this belt to create a certified NFPA ladder belt

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FAQ's

Question

What approvals do the Fire Innovations Cheyenne Series belts have?

Answer

The Fire Innovations Cheyenne Series belt is approved and designed to exceed the standards of both NFPA 1983-2012 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 Cheyenne Series belt accommodate our firefighters?

Answer

Yes. The Fire Innovations Cheyenne series belts come in custom or multi-size belts. A custom belt allows the wearer to carry tools or accessories on both sides of the belt. The multi-size belts allow the wearer to carry tools or accessories on only one side of the belt due to the sizing adjustment on the opposite side of the belt.

Question

How are the Fire Innovations Cheyenne Series belts sized?

Answer

The Fire Innovations Cheyenne Series belts are sized according to the waist size of the firefighter in station gear. Example: Firefighter who wears a waist size 33 pants would order a size 32-33 size belt. Multi-size belts are easily and rapidly sized within the size range, or 12" extensions can be added to one of the Multi size belt to accommodate larger individuals ..

Question

How much does the Fire Innovations Cheyenne Series belt weight?

Answer

The Fire Innovations Cheyenne Series belt weights approximately 1.3 lbs. ±.05 lbs due to sizes. 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 NFPA Positioning Points (tag Rings) and/or NFPA Attachment Points (D-Rings)?

Answer

Yes. One or more NFPA Positioning Points and NFPA Attachment Points are available option for this belt. All D-Rings are NFPA Attachment/Positioning Point

Question

Can a bailout system be attached to the Cheyenne 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.

Question

Why would I purchase the Cheyenne belt?

Answer

The Cheyenne belt is an excellent choice due to its all-Kevlar-construction and its lower initial cost. Additionally, it has numerous options available for upgrading as the firefighter's needs change. It is the most versatile for options and accessories.

Question

What are the benefits of having the Carabineer Multi-Use Strap?

Answer

The use of the Carabineer Multi-Use Strap has some functional advantages over the sewn on/lanyard Multi-Use Strap. One can put the strap away either in the turnout pocket or the rig, when not needed. If circumstances dictate, the CMUS can be rapidly disconnected from the belt and can be used as a NFPA Escape Anchor. It can be used as an adjustable safety strap within a platform for fall protection.

Question

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

Answer

The most beneficial reason is that it will not get lost and is always readily available for use. When it is folded and stowed into the accessory pouch, it maintains a low profile, and weighs slightly less than a carabineer MUS.

Question

Why a Custom belt vs. a Multi size Cheyenne?

Answer

Custom Cheyenne can utilize all the sides of the belt for accessories. The adjustment strap is shorter, making it more streamline. The Multi size Cheyenne can fit different size personnel, but is limited to the number of accessories it can accommodate. The adjustment strap is longer and a little less convenient then the shorter custom sized belts.