



# Fire Innovations

## Product Specifications

<b>Product No</b>	1101-0007.XX
<b>Description</b>	<b>Spokane Ladder/Escape Belt</b>
<b>Revision</b>	A
<b>Date:</b>	06.11.13

### 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 /Positioning Point

### KEY BENEFITS

- Rescue Belt
- Low initial cost
- Can be equipped over a Coat or Pants
- Fits nicely within loops of turnout pants
- Able to add Multi Positioning Points
- Able to add Multi Attachment Points

### CERTIFICATIONS

- NFPA 1983-2012 FR Escape & Ladder Belt

### RELATED PRODUCTS

- Comanche Escape Belt

### COMPANY FACTS

- Fire Innovations is an ISO 9001:2008 certified

### INTENTION OF DESIGN

The Spokane Belt is a certified NFPA 1983:2012 Fire Resistance (FR) Escape/Ladder\* Belt (with MUS). The Spokane is assigned to an individual. It is typically worn on the turnout pants. It can accommodate many different styles bailout systems. Both sides of the belt can be utilized for equipment. A rearward NFPA positioning point (tag ring is an available option. Two fix D-Ring (NFPA Attachment/Positioning point) are standard but a third sliding D-Ring (NFPA Attachment/Positioning point) is also available.

### OVERVIEW

The Spokane Belt is a certified NFPA 1983:2012 Fire Resistance (FR) Escape Belt. It is easy to use and makes an outstanding multi-function firefighter escape belt. A patented Multi-Use Strap (MUS) can be added, and functions as a NFPA ladder strap, a one leg harness, and used in various RIT and victim carries/drag. This strap can be neatly stowed inside an accessory pouch or in a turnout pocket. Also, the end of the Multi Use is a NFPA rated Positioning Point. The Carabineer Multi-Use Strap (CMUS) is a NFPA Escape Anchor in the Basket position.

### HIGHLIGHTS

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

### VERSATILITY

The Spokane Series belts are available in both custom sizes available from 28" to 50" (increments of 2") They all have eight inches (6") of adjustment to easily accommodate the firefighter's turnouts.

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

This belt can be outfitted with a variety of different bailout systems and accessories for added versatility.

### MODULAR & UPGRADABLE

Add belt accessories or bailout system as needed. To keep the initial purchase price low.

- 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](http://www.fireinnovations.com)

**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	No applicable in Custom size;
Individual use	Custom sized and place over the turnout Pant
Uses	Bailout, Ladder operation, and Rescue
Benefits	Multi Attachment point and positioning points maybe added; Light weight;
Cons	Belt is size specific
Turnout requirements	Pant: Belt loops are the only retrofit need.
Adjustable	Fast Fine Adjustment (1-3sec.)

1101-	Spokane Ladder/ Escape Belt	Rev.	
-------	-----------------------------	------	--

**BID SPECIFICATIONS**

---

**Cheyenne Series Firefighter Escape Belt**

**General Requirements**

The Spokane 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),. As an option, the belt can include NFPA Positioning rings (sometimes referred as a tag rings), and/or Multi Slide Attachment./positioning 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 points utilizing Bent 40degree D-Rings or Straight D-Rings 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 Spokane escape/ladder 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 the D-ring attachment point and the main Buckle (40 degree or Straight. As an option, the belt can include NFPA Positioning rings (sometimes referred as a tag rings), and/or Multi Slide Attachment/Positioning 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

**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 points utilizing Bent 40degree D-Rings or Straight D-Rings. Butterfly main buckle with fixed D-Ring is the main closure which clasps 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.

## FAQ's

---

### Question

What approvals do the Fire Innovations Spokane Series belts have?

### Answer

The Fire Innovations Spokane 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 Spokane Series belt accommodate our firefighters?

### Answer

Yes. The Fire Innovations Spokane series belts come in custom sizes in 2" increments; sized by your uniform pants waist size.

---

### Question

How are the Fire Innovations Spokane Series belts sized?

### Answer

The Fire Innovations Spokane 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 on a few individuals that are larger.

---

### Question

How much does the Fire Innovations Spokane Series belt weight?

### Answer

The Fire Innovations Spokane Series belt weights approximately 1.3 lbs. ±.05 lbs due to sizes. 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 points

### Question

Can a bailout system be attached to the Spokane 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 Spokane belt?

### Answer

The Spokane belt is an excellent choice for a belt that is worn on the turnout pants. Additionally, it has numerous options available for upgrading as the firefighter's needs change.

---

### Question

I already have a belt on my turnout, why should I get the Spokane belt?

### Answer

The Spokane works very well as a replacement belt on turnouts. With little or no modifications the firefighter can now have a certified NFPA Escape belt integrated into the turnout pants.

---

### Question

Should I get the Multi-Use Strap attached to the belt or carabineer 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 in the turnout pocket or the rig, when not in need. It can also be rapidly disconnected from the belt if the situation dictates. It can also be used as an NFPA Escape Anchor.

---

### 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. Also it is readily available for use. When it is stowed into the accessory pouch, it maintains a low profile, and weighs slightly less than the carabineer multi-use strap..