



Fire Innovations

Product Specifications

Product No	1101-0053
Description	Arapaho NFPA Escape/Ladder Belt
Revision	A
Date:	01.15.19



Optional Legs for Class II

KEY FEATURES

- Quick Installation
- Kevlar® Constructed
- NFPA 1983:2017 Escape/Ladder Belt
- O-Ring and A-Frame are NFPA Attachment Points/Positioning Point

KEY BENEFITS

- Light weight
- 100% Kevlar
- Built in Shock Absorbers
- One Size Fits Most

CERTIFICATIONS

- NFPA 1983:2017 Escape/Ladder Belt
- Add Legs NFPA 1983:2017 Class II Harness

INTENTION OF DESIGN

The Arapaho Belt was design to be very light and comfortable to wear. Once the turnout pants are donned the A-frame is collapse onto the waistline. The Arapaho Escape Belt and the Legs when added make Arapaho harness into a NFPA Class II harness.

The Arapaho Belt is a one-size-fits most. There are three sizes available. For individuals with waist sizes from 28" to 42", Large 43"-54", and XLarge 55"-66". The Arapaho Belt is designed to be use as an External harness. with some modifications to the turnout pants. Bailout pocket system can be place on the Left or Right side.

OVERVIEW

The Arapaho belt is a certified NFPA 1983:2017 Fire Resistance (FR) Escape/Ladder Belt. Relief stitches are on both side of the belt as a shock absorber but also for an indication of out of service.

The Arapaho Belt is constructed with 100% Kevlar® webbing and comes standard with two attachment point/positioning points for bailout and/or connecting a NFPA ladder hook. Aluminum Cobra hardware.

HIGHLIGHTS

- NFPA FR Escape/Ladder Belt
- UL rated buckles
- 2-NFPA Positioning Points (O-Ring & A-Frame)
- 2-NFPA Attachment Points/Positioning Points (O-Rings & A-Frame)
- Left or right closure depending on the installation.
- O-Ring design to stretch at 3000lbs (shock absorber)
- 1" tear away at 800lbs Kevlar strap on the A-Frame (shock absorber)
- Light weight Belt (.8 lbs.) Legs (.6 lbs.) Harness (1.4 lbs. ±.02 lbs.)

VERSATILITY

- The Arapaho Belt is a true one size fits most 28" to 54.
- This size is based on the individual regular waist sizes. "Not the turnout pants"
- Right- or Left-hand setup for bailout or ladder hook

MODULAR & UPGRADABLE

- PB5 Bailout System (1207-0154)
- PB3 Bailout System (1207-0150)
- HG5 Bailout System (1207-0183)
- Ladder Hook (1109-2704.1)
- Arapaho Legs (1101-0054)

TECHNICAL SPECIFICATIONS

Materials	Description	Specifications
Hardware	Aluminum Buckle:	100% Proof test load 2500lbs+
Materials	1.75" Black Kevlar® Webbing	9000lbs
Thread	Kevlar®	138 Bonded
Weight	.8 lbs. ± .02 lbs.	

RELATED PRODUCTS

- Apache Harness
- Arapaho Belt

COMPANY FACTS

- Fire Innovations is an ISO 9001:2015 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

Product Segments	
Per position on rig	Not applicable
Individual use	place over the turnout Pant
Uses	Bailout, Ladder operation, and Rescue
Benefits	2 Attachment point and positioning points; Light weight; FR Mainly External use
Cons	Assigned to an individual turnout, not able to carry tools
Turnout requirements	Pant: External Belt loops can be added to pant at the waist line under the suspenders
Adjustable	One size fit most,

BID SPECIFICATIONS

Arapaho Belt

General Requirements

The firefighter Escape/Ladder shall be compliant to NFPA 1983:2017 Edition Standards. The belt shall be constructed of 1.75" Kevlar® webbing in the waist portion. A Sliding O-Ring on the A-Frame certified a NFPA Attachment/Positioning Point. The A-Frame certified as a NFPA Attachment/Position Point. Modular legs can be added to the Arapaho Belt to make it the Arapaho Class II harness.

Buckles

All buckles shall be constructed of Cobra Aluminum and at the min. 100% proof load tested @11.2kN (2500 lbs.). Additionally, buckles shall be UL® tested and certified to NFPA 1983:2017 Edition Standards.

Webbing

All webbing shall be constructed Kevlar and sewed with 138 bonded twisted Kevlar® thread. Additionally, webbing shall be UL tested and certified to NFPA 1983-2017 Edition Standards.

The A-Frame a continuous webbing that is part of the waist belt. The legs are separate pieces that can be position on the hip line of the user.

FAQ's

Question

What approvals do the Fire Innovations Arapaho Harness have?

Answer

The Fire Innovations Arapaho harness 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 a Class II Harness

Question

My department has firefighters of various sizes. Can the Fire Innovations Arapaho harness accommodate our firefighters?

Answer

Yes. The Fire Innovations Arapaho Class II harness is truly one size fits most. We recommend a department use the part number 1101-0055.1 (28"-42"), 1101-0055.2 (43"-54") and 1101-0055.3 (55'-66').

Question

How is the Fire Innovations Arapaho harness sized?

Answer

The Fire Innovations Arapaho harness is 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 28-42.

Question

How much does the Fire Innovations Arapaho belt/harness weight?

Answer

The Fire Innovations Arapaho belt weights approximately .85 lbs. ±.03 lbs., the harness adds .3 lbs.

Question

Can a bailout system be attached to the Arapaho harness?

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. (ie. HG5, PB5, PB3)

Question

Why would I purchase the Arapaho harness?

Answer

The Apache harness is light weight, comfortable, modular and the only A-frame escape belt on the market at this time.
