



Fire Innovations

Product Specifications

Product No	1105-005X.XX
Description	NFPA Configuration Strap [G]
Revision	C
Date:	11.09.23



KEY USES

- Bailout
- Rescue
- Design to be used securely attach an NFPA descent device to an attachment point on a belt or harness.

OVERVIEW

NFPA (National Fire Protection Association) rigging straps are designed for various applications in emergency services and life safety. NFPA is an organization that sets standards for different safety-related products and procedures.

HIGHLIGHTS

Material Composition: The straps are constructed with Kevlar webbing, which is known for its high tensile strength, flame resistance, and cut resistance. Kevlar is often used in applications where strength and durability are crucial.

Versatility: These straps are highly versatile; they can be used in various rigging and anchoring situations. This versatility is likely a valuable characteristic for emergency services where the specific requirements of a situation can vary.

Lightweight: The use of Kevlar makes the straps lightweight, making them easier to handle and transport. This is a significant advantage in emergency situations where quick deployment and maneuverability are essential.

Fire and Cut Resistance: The straps are fire-resistant, which is crucial in emergency situations where exposure to heat or flames may occur. Additionally, the cut-resistant nature of Kevlar enhances the safety of these straps in potentially hazardous environments.

Durable Construction: The construction is durable and incredibly strong. The straps are built to withstand heavy loads and demanding conditions, contributing to their reliability in emergency scenarios.

Half-Twist Loop End: The presence of a half-twist loop end facilitates a flush choker setup on loads, providing a secure and efficient way to anchor or secure objects.

UL Classified: The straps are UL (Underwriters Laboratories) Classified. They undergone testing and meet specific safety standards. In this case, they meet the NFPA 1983:2022 edition standards for "General" Life Safety Rope and Equipment for Emergency Services.

Overall, these NFPA rigging straps are well-suited for the demanding requirements of emergency services, providing a combination of strength, versatility, and safety features.

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

TECHNICAL SPECIFICATIONS

Materials	Description	Specifications
Material Fabric	Kevlar	Fire Resistant
Thread	Aramid	120 Crack spun
Weight	5-7 oz.	

CERTIFICATIONS



CONFIGURATION	TENSILE STRENGTH
Choker	Choker: 16.1 kN (3,619 lbf)
E2E	25.2 kN (5,665 lbf)
Basket	46.3 kN (10,409 lbf)

CERTIFIED NFPA 2500 (1983) 2022 Edition

MEETS THE MULTIPLE CONFIGURATION STRAP REQUIREMENTS OF NFPA 1983, INCORPORATED IN THE 2022 EDITION OF NFPA 2500.

MINIMUM BREAKING STRENGTH AND RATING ARE DETERMINED USING A BASKET (U) CONFIGURATION. IN ADDITION, THIS STRAP HAS A MINIMUM BREAKING STRENGTH OF:

MULTI-CONFIGURATION STRAP [G]

BID SPECIFICATIONS

General Requirements

It is certified to NFPA 1983:2022 edition standards for "General" Life Safety Rope and Equipment for Emergency Services.

Materials

One (1) inch Kevlar webbing, fire-resistant Aramid thread, NFPA-certified hardware

Product No	Description	Length (in)
1105-0050.XX	NFPA Multiconfiguration Strap: End-to-End	4,6,7,8,9,10,12,14
1102-0051.XX	NFPA Multiconfiguration Strap: Multi-to-Multi	6,7,8,9,10,11,12,14,18,20
1102-0053.XX	NFPA Multiconfiguration Strap: Multi-to-End	6,7,8,10,12,15,16
1102-0055.XX	NFPA Multiconfiguration Strap: Multi-to-Multi, Snap	8
1102-0056.XX	NFPA Multiconfiguration Strap: Multi-to-Multi, Kong Tango	8,10,12

Legend: Product number, plus the strap length as a two (2) digit representation.

Example: 1105-0050.08 for an eight-inch (8") NFPA Multiconfiguration Strap: End-to-End

1105-005X.XX	Multi-Configuration Straps	Rev. C	11.08.23
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FAQ

Question

What was the primary reason for the PS2 Bailout Bag design?

Answer

The PS2 was designed to be a bailout kit, to be placed inside the turnout pant pocket. To have rugged material so it does not rub through the turnout pocket.

Question

Why PS2.50 instead of the PS2.40 or PS2.30?

Answer

The PS2.50 holds 50' while the PS2.40 holds 40', and the PS2.30 holds 30' of 7.5mm

Question

How do I pack the rope in the PS2 Bailout Bag?

Answer

Place rope right to left in the bag. Don't just grab a wad of rope and shove it in, the rope will not deploy. For more detailed information, click on the QR below this page.

Question

Is there any downside to the PS2 Pocket Bailout Bag?

Answer

The PS2 Bailout Bag is easily stowed in the turnout pant pocket, and it can potentially be very important on every call. However, some personnel may have concerns about the positioning of the device against the door of the apparatus or against the engine cover when driving. If this becomes a safety issue, or it interferes with the operation of the vehicle, it can simply be removed whole from the pocket until the destination.

For videos and purchasing information, scan the QR code below.

