

## 324A/C Ladder Hook Extension

Allows the firefighter to attach themselves safely to a ladder rung or tower platform. Meets NFPA limit of overall length of lanyard from the surface of the belt or harness to the connection of the inside of the connection device of 24 inches. Easy to operate double locking snap hooks are located at each end of the strap. Snap hooks meet 3600 lbf. (16kN) side load gate strength requirements of ANSI Z359.12-2009 standard. Large 2.5 inch gate opening ladder snap hooks are forged from aluminum or steel and will open to accommodate attachment to any ladder rung. The small hook is attached to the users belt or harness D ring. Lanyard is made of a webbing constructed with a Kevlar interior for strength and a Nomex exterior for wear and durability.

Weight with steel hooks: 2.4 lbs.

Weight with aluminum hooks: 1.5 lbs.

Maximum authorized user weight including garments and tools: 310 pounds.

Meets ANSI Z359.3-2007

Large and Small Hooks Strength:

Major Axis: 5000 lbf. (22.2kN) Minor Axis: 3600 lbf.(16kN)

Side Load Gate 3600 lbf. (16kN)

Ladder Extension Sling: Strength 6750 lbf. (30kN)

## Before Use

The techniques employed in the proper and safe use of this equipment may only be learned through *personal* instruction received from an instructor who is well-qualified in all phases of vertical rope work. Such instruction will include an evaluation of your comprehension of, and ability to perform, the tasks required to safely and efficiently use this equipment.

Never attempt its use until you have received such instruction and are believed competent by your instructor.

## Inspection Procedures

Visually and by touch, inspect this equipment for cracks, distortion, corrosion, gouges, sharp edges or rough areas on all metal parts and for cuts, tears, abrasion, melting or excessive fuzzing, soiling, or staining of the nylon or kevlar webbing. Inspect for chemical or heat damage indicated by brown, discolored, or brittle areas. Inspect for ultraviolet damage indicated by discoloration and the presence of splinters or splinters on the webbing surface. Inspect stitching for pulled or cut stitches. Inspect all connectors and hooks to ensure smooth operation and full closure. Compare this equipment with a new model if necessary to determine its condition. Remove it from service if there is any doubt about its safety or serviceability. If inspection reveals an unsafe or defective condition, remove the equipment from service and destroy. This equipment is not repairable. No repairs or alterations are permitted.

Remove this equipment from service and destroy if it has been subjected to the forces of arresting a fall.

The functional life of this equipment is determined by work conditions and maintenance. As long as the equipment passes inspection criteria, it may remain in service.

Fully inspect this equipment prior to each use and additionally at a minimum of yearly by a competent inspector and recorded. Failure to properly inspect this equipment could result in product failure and serious injury or death.

## Maintenance After Use

Carefully clean and dry this equipment to remove all dirt or foreign material and moisture. Do not force dry with heat. Minor sharp edges on any hardware may be smoothed with a fine abrasive cloth, before cleaning. Store in a clean, dry place away from direct sunlight and harmful fumes or vapors.

## Do Not Remove Product Labels

## Removal from Service

This equipment should be removed from service if it has been dropped, or exposed to forces sufficient to alter its surface appearance, or if distortion of any part is apparent, or if any cracks are apparent, or if it has scratches or gouges of more than a superficial nature. The cost to inspect and repair this equipment that is damaged, or that may have been damaged by impact loading or other abuse, will usually exceed the cost of its replacement with a new model.

## Anchorage Requirements

Anchorage selected for work positioning systems shall have a strength capable of sustaining static loads applied in the directions permitted by the system of at least:

- 3,000 lbs. (13.3kN) for non-certified anchorages, or
- Two times the foreseeable force for certified anchorages

When more than one work positioning system is attached to an anchorage, the strengths set forth above for work positioning systems shall be multiplied by the number of systems attached to the anchorage. Do not loop positioning lanyards around small diameter structural members.

## Connector Compatibility

Compatible connections must be made when using this equipment and can vary depending upon application. Connectors must be compatible with anchorages and user harness attachment points by size, shape, and strength. Connectors must not be able to unintentionally disengage or inadvertently open under any orientation.

Connectors should be attached to the user's harness first, then to the suitable anchorage.

Applicable standards include: ANSI/ASSE Z359.1, ANSI/ASSE Z359.13, CSA Z259.11 OSHA 1910.66 and 1926.500 and any other and applicable regulations governing occupational safety.

## Use of this User Information Sheet

It is suggested that this user information sheet be retained in a permanent record after it is separated from the equipment, and that a copy of it be kept with the equipment.

It is suggested that the user refer to this user information sheet before and after each use of this equipment.

## WARNING!

- ***You could be killed or seriously injured if you do not read and understand the user information before using this equipment.***
- ***Special training and knowledge are required to use this equipment.***
- ***You must thoroughly read and understand all manufacturer's instructions before use.***
- ***Use and inspect this equipment only in accordance with these instructions.***
- ***Only make compatible connections.***
- ***Avoid sharp edges and abrasive surfaces.***
- ***Do not loop positioning lanyards around small diameter structural members.***
- ***Do not alter this equipment in any way.***
- ***Do not misuse this equipment in any way.***
- ***Do not expose this equipment to harmful chemicals.***
- ***Do not use this equipment around moving machinery***
- ***Never use combinations of components and subsystems that may affect or interfere with the safe function of this equipment.***

