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SureWerx^{TM/MC}
Brand / Marque

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AS-21000 SERIES ANCHOR SLING INSTRUCTION MANUAL

Prod. No. V8208004
Mod. No. AS-21000-4

Prod. No. V8208006
Mod. No. AS-21000-6



GENERAL REQUIREMENTS

We would like to thank you for purchasing a PeakWorks anchor sling. All of our anchor slings are designed and engineered to meet or exceed the ANSI Z359.1 requirements.

DESCRIPTION

PeakWorks Anchor Slings are offered in a variety of materials and lengths to satisfy industry needs. Each part is thoroughly tested during the product development stage and is batch tested to confirm conformance. All PeakWorks anchor slings have a minimum tensile strength of 5,000 lb.

All persons using this equipment must read and understand all instructions. Failure to do so may result in serious injury or death. Do not use this equipment unless you are properly trained.

It is the employer's responsibility to provide all users of fall protection with the proper equipment and training for the work at hand.

- All users must read and understand all warnings and instructions prior to use.
- Only trained personnel must use this equipment.
- Ensure that all pieces of equipment are compatible with each other; failure to adhere to system compatibility requirements may result in accidental disengagement which could result in injury or death
- The end user must inspect all equipment before each use.
- A competent person, as defined by OSHA, must inspect all equipment at least annually or in the event of a fall.
- Do not alter any equipment; any repair can only be performed by the manufacturer or authorized personnel.
- Do not use any permanent markers or solvent to identify the equipment; these markers or solvents will degrade the webbing and not provide the user with adequate protection. All equipment found with such markings should be condemned and removed from service immediately.

SYSTEM COMPATIBILITY

PeakWorks anchors slings are designed and approved for use only with PeakWorks connectors. Any substitution of components may result in compatibility issues that could result in the fall protection system becoming disengaged during a fall which could result in injury or death.

CAPACITY

These slings are designed for use by persons with a combined weight (clothing, tools, etc.) of no more than 400 lb. Make sure all of the components in your system are rated to a capacity appropriate to your application.

CORROSION

If the anchor sling is used in an environment such that the sling may be exposed to a corrosive environment (for example near salt water), the anchor sling must be inspected more frequently.

STRUCTURE

This anchorage connector must be installed on structures capable of withstanding a minimum of 5,000 lb (22 kN) of loading.

INSTALLATION

The anchor sling should be installed by wrapping the sling around an anchorage and passing an approved connector through both eyes of the cable anchor sling. Multiple passes of the cable anchor sling around the anchorage can be used to shorten the length. If multiple passes are used, ensure that the two eyes of the thimble align and do not cross load the gate of the carabiner.



INSPECTION

Remove the anchor sling from service if the following are found on the cable or the termination hardware: distortion, corrosion, cracks, breaks or sharp edges.

MAINTENANCE, SERVICE, AND STORAGE

The anchor sling does not require any scheduled maintenance. If you have any questions concerning the condition of your anchor sling, or have any doubt about putting it into service, contact SureWerx immediately.

CALCULATING TOTAL FALL CLEARANCE REQUIRED

Fall Clearance is the distance required to safely arrest the user's fall.

It is the distance from the anchorage to the ground.

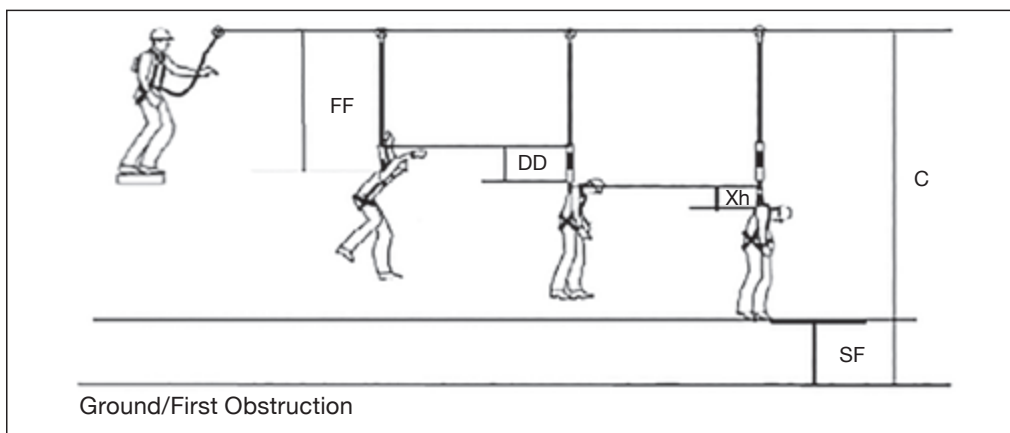
Step 1: Calculating Free Fall (FF)

Step 2: Determining how much the connecting device deploys (DD)

Step 3: Determining the stretch of the harness (Xh)

Step 4: Add a safety factor (typically 3 ft)

Step 5: Add all the figures together ($C=FF+DD+Xh+SF$)



WARRANTY

SureWerx products are warranted against factory defects in workmanship and materials for a period of two years from date of installation or use by the owner, provided that this period shall not exceed two years from the date of shipment. Upon notice in writing, SureWerx will promptly repair or replace all defective items. SureWerx reserves the right to elect to have any defective item returned to its plant for inspection before making a repair or replacement. This warranty does not cover equipment damages resulting from abuse, damage in transit, or other damage beyond the control of SureWerx. This warranty applies only to the original purchaser and is the only one applicable to our products, and is in lieu of all other warranties, expressed or implied.