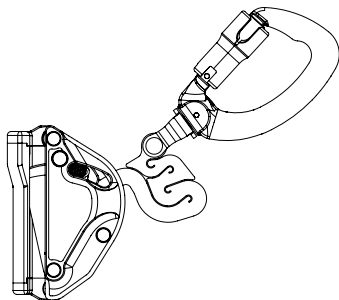


# C7 CABLE CLIMBING SLEEVE

Part Number: 25034



## Instruction Manual



**⚠ User shall read, understand, and follow manufacturer's instructions before using this or any fall protection equipment. FAILURE TO FOLLOW MANUFACTURER'S INSTRUCTIONS MAY RESULT IN SERIOUS INJURY OR DEATH.**

**A copy of the manufacturer's instructions shall be provided to all users and shall be retained for the safe use of the system.**

2	Safety Information
3	Applicable Safety Standards
3	Intended Use
3	Worker Classifications
3	Permitted Worker Capacity Range
4	Product Specific Applications
4	Limitations
4	Compatibility
5	Inspection
6	Components, Specifications, and Materials
7	Installation and Use
9	Maintenance, Cleaning, and Storage
9	Etchings
9	Labels
10	Diagrams
11	Inspection Log

## Safety Information

**▲ WARNING!** Failure to understand and comply with safety regulations may result in serious injury or death. Regulations included herein are not all-inclusive, are for reference only, and are not intended to replace a Competent Person's judgment or knowledge of federal or state standards.

Always read and understand this Instruction Manual before use. It should be used as part of an employee training program as required by OSHA or any applicable state agency. This and any other included instructions for other fall protection equipment must be made available to equipment users. The user must understand how to safely and properly use this product as a component of a complete personal fall arrest system, including other fall protection equipment.

Do not misuse equipment.

NEVER attempt to repair, adjust, or alter Cable Climbing Sleeve.

Workplace conditions, including, but not limited to, flame, corrosive chemicals, electrical shock, sharp objects, machinery, abrasive substances, weather conditions, and uneven surfaces, must be assessed by a Competent Person before fall protection equipment is selected.

The analysis of the workplace must anticipate where users will be performing their duties, the routes they will take to reach their work, and the potential and existing fall hazards they may be exposed to. Fall protection equipment must be chosen by a Competent Person and must account for all potential hazardous workplace conditions. All fall protection equipment should be purchased new and in an unused condition.

Fall protection systems must be selected and installed under the supervision of a Competent Person, and used in a compliant manner. Fall protection systems must be designed in a manner compliant with all local, state, and federal safety regulations. Forces applied to anchors must be calculated by a Competent Person.

Harnesses and connectors selected must be compliant with manufacturer's instructions, and must be of compatible size and configuration. Snap

hooks, carabiners, and other connectors must be selected and applied in a compatible fashion. All risk of disengagement must be eliminated. All snap hooks and carabiners must be self-locking, self-closing, and must never be connected to each other.

A pre-planned rescue procedure in the case of a fall is required. The rescue plan must be project-specific. The rescue plan must allow for employees to rescue themselves, or provide an alternative means for their prompt rescue. Store rescue equipment in an easily accessible and clearly marked area.

Training of Authorized Persons to correctly erect, disassemble, inspect, maintain, store, and use fall protection equipment must be provided by a Competent Person. Training must include the ability to recognize fall hazards, minimize the likelihood of fall hazards, and the correct use of personal fall protection systems.

NEVER use fall protection equipment of any kind to hang, lift, support, or hoist tools or equipment, unless explicitly certified for such use.

Equipment that fails inspection or that has been subjected to forces of fall arrest must immediately be removed from service. All product that has been removed from service due to failed inspection or fall arrest must be clearly and permanently marked "DO NOT USE". Equipment must then be destroyed and rendered unusable prior to disposal to eliminate the potential for reuse. Equipment must be disposed in accordance with all applicable local, state, and federal requirements.

Age, fitness, and health conditions can seriously affect the user should a fall occur. Consult a doctor if there is any reason to doubt a user's ability to withstand and safely absorb fall arrest forces or perform set-up of equipment. Pregnant women and minors must not use this equipment.

Serious injury or death may still occur even if fall protection equipment functions correctly. Always follow your pre-planned rescue procedure.

Sustained post-fall suspension may result in serious injury or death. Use Suspension Trauma Relief Straps to reduce the effects of suspension trauma.

## Applicable Safety Standards

Meets or exceeds:

- **ANSI Z359.16**
- **OSHA 1910.29**
- **OSHA 1926.1053**

**IMPORTANT:** Applicable standards and regulations depend on the type of work to be performed and may include additional applicable regulations in some states. Consult local authorities having jurisdiction for more information on fall protection systems and associated fall protection components.

---

## Intended Use

This equipment is designed to be used as a component of a personal fall protection system (PFAS). **USE OF THIS EQUIPMENT IN A MANNER THAT IS NOT EXPRESSLY DESCRIBED IN THESE MANUFACTURER INSTRUCTIONS MAY RESULT IN SERIOUS INJURY OR DEATH.**

**NOT FOR USE IN WORK POSITIONING APPLICATIONS. ALWAYS USE A SEPARATE WORK POSITIONING SYSTEM.**

**WHEN CONNECTING TO OR DISCONNECTING FROM THE CABLE CLIMBING SYSTEM, ALWAYS MAKE SURE TO USE A SUPPLEMENTAL FALL ARREST SYSTEM, OR ENSURE THAT NO POSSIBILITY OF BEING EXPOSED TO A FALL HAZARD EXISTS.**

Cable Climbing Sleeve shall be used with ANSI Z359.11 compliant full body harnesses only. Harness must include a Sternal D-ring and must be in good condition and approved for use in cable climbing applications. Always refer to full body harness manufacturer's instructions for suitability for use in cable climbing applications.

---

## Worker Classifications

- **Qualified Person:** A person with an accredited degree or certification, and with extensive experience or sufficient professional standing, who is considered proficient in planning/reviewing the conformity of fall protection and rescue systems.
  - **Competent Person:** A highly trained and experienced person who is **ASSIGNED BY THE EMPLOYER** to be responsible for all elements of a fall safety program, including, but not limited to, its regulation, management, and application. A person who is proficient in identifying existing and predictable fall hazards, and who has the authority to stop work in order to eliminate hazards.
  - **Authorized Person:** A person who is assigned by their employer to work around or be subject to potential existing fall hazards.
- 

## Permitted Weight Capacity Range

- ANSI: 130-310 lb (59-140 kg)
- OSHA: 100-310 lb (46-140 kg)

**Note:** Capacity is the combined user weight including all clothing, tools, and equipment.

**▲ WARNING! MAXIMUM 1 USER PER CABLE CLIMBING SLEEVE.**

---

## Product Specific Applications



**Fall Arrest/Ladder Climbing:** The Cable Climbing Sleeve may be used to support a MAXIMUM 1 Personal Fall Arrest System (PFAS) for use in Fall Arrest applications. Structure must withstand loads applied in the directions permitted by the system of at least 3,600 lb (16 kN). Maximum permitted free fall is 2 ft (0,6 m).

D-ring: **Sternal**

## Limitations

**Fall Clearance:** There must be sufficient clearance below the work surface to arrest a fall before the user strikes the ground or an obstruction. When calculating fall clearance, account for a MINIMUM 2 ft (0,6 m) safety factor, deceleration distance, user height, length of connecting devices, harness stretch, free fall, and all other applicable factors.

See Diagram A on page 10.

**Swing Falls:** Prior to installation or use, make considerations for eliminating or minimizing all swing fall hazards. Swing falls occur when the anchor is not directly above the location where a fall occurs. Always work as close to in-line with the anchor point as possible. Swing falls significantly increase the likelihood of serious injury or death in the event of a fall.

## Compatibility

When making connections, eliminate all possibility of roll-out. Roll-out occurs when interference between a connector and the attachment point causes the connector gate to unintentionally open and release.

All connections must be selected and deemed compatible with the harness by a Competent Person.

All connector gates must be self-closing, self-locking, and withstand a minimum load of 3,600 lb (16 kN).

See Diagram B Page 10

**▲ WARNING!** Use only with compatible Guardian Cable Climbing System with 3/8" diameter 1x7 galvanized Steel cable.

## Inspection

Prior to EACH use, inspect Cable Climbing Sleeve for deficiencies, including, but not limited to, corrosion, deformation, pits, burrs, rough surfaces, sharp edges, cracking, rust, paint build-up, excessive heating, alteration, and missing or illegible labels. **IMMEDIATELY remove Cable Climbing Sleeve from service if defects or damage are found, or if exposed to forces of fall arrest.**

Ensure that applicable work area is free of all damage, including, but not limited to, debris, rot, rust, decay, cracking, and hazardous materials. Ensure that work area will support the application-specific minimum loads set forth in this manual. Work area **MUST** be stable.

At least every 12 months, a Competent Person (CP) other than user must inspect Cable Climbing Sleeve.

**Inspections MUST be recorded in inspection log (see page 11). The CP must sign their initials in the box corresponding to the month and year the inspection took place.**

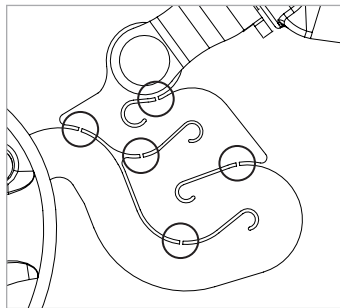
During inspection, consider all applications and hazards the Cable Climbing Sleeve has been subjected to.

Product lifetime is indefinite as long as it passes pre-use and CP inspections.

The inspection log must be specific to one Cable Climbing Sleeve. Separate inspection logs must be used for each Cable Climbing Sleeve. All inspection records must be made visible and available to all users at all times.

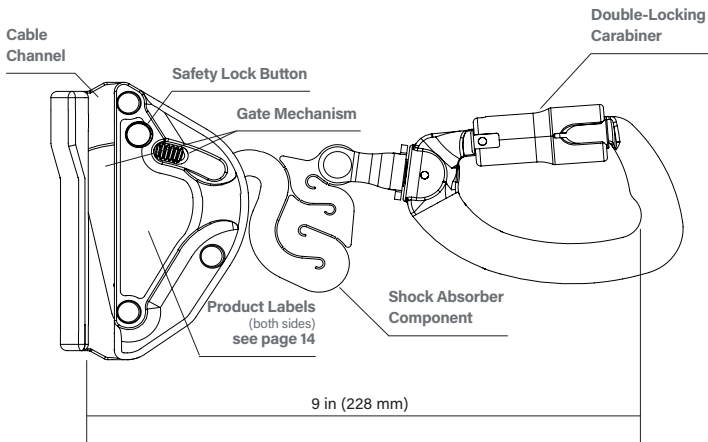
**SHOCK ABSORBER INSPECTION:** Uncut portions of shock absorber component (see circled areas in image below) must be intact. If any of the uncut portions of shock absorber are broken, it is an indication of excessive force and the Cable Climbing Sleeve must be immediately removed from service.

**NOTE:** The location of the uncut portions of the shock absorber component may vary.



**▲ WARNING!** Prior to each use, inspect system to ensure cable is clean and free from dirt, debris, oil, grease, paint, ice, or other buildup.

## Components



## Specifications

- **Maximum Arrest Force:** 1,800 lb (8 kN)
- **Average Arrest Force:** 1,350 lb (6 kN)
- **Minimum Breaking Strength:**  
3,600 lb (16 kN)
- **Permitted Service Temperature Range:**  
-30° to 130° F (-34° C to 54° C)

## Materials

Stainless steel, aluminum, bronze

Part #	Description
25034	Cable Climbing Sleeve, C7, 3/8 Inch Cable Only, ANSI

## Installation and Use

**⚠ WARNING!** Always utilize a backup fall protection system if exposed to the risk of a fall hazard during installation of Cable Climbing Sleeve.

**⚠ WARNING!** Cable Climbing Sleeves shall only be used on cable systems that allow free travel without obstructions, including, but not limited to: blocking hazards, gaps, slippery or loose surfaces, tight/confined spaces, or extreme weather.

**⚠ WARNING!** Only attach to sternal D-ring of compatible full body harness. Maximum length of connection between cable and bearing point of harness frontal D-ring shall be 9 in (228 mm). NEVER add additional carabiners or other connectors to increase this distance. (see Components page 6).

**⚠ WARNING!** Cable Climbing Sleeve shall only be connected to a full body harness sternal D-ring.

**⚠ WARNING!** In the event of a fall, immediately remove Cable Climbing Sleeve from service.

**⚠ WARNING!** Never hold the Cable Climbing Sleeve during ascent/descent. Doing so can interfere with safe operation or the braking mechanism and create an unsafe condition.

**⚠ WARNING!** Never connect Cable Climbing Sleeve to cable upside down. Up arrow on front of sleeve must always be pointing upwards.

### Step 1

Before installation, ensure arrow on top front of Cable Climbing Sleeve is pointed in an upward direction.

### Step 2

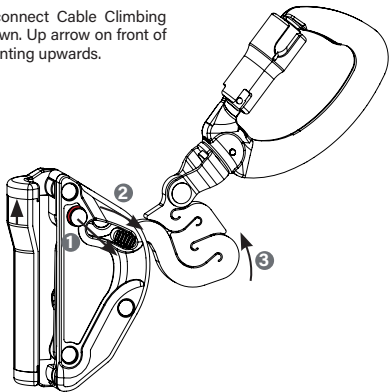
Press and hold safety lock button (1) on right side of Cable Climbing Sleeve housing with your finger (red indicator will be visible) while simultaneously pulling gate mechanism (2) rearward to open gate to cable channel.

**NOTE:** To create sufficient clearance in the cable channel for proper installation, integrated shock absorber component (3) must be in the upward position - see image.

### Step 3

Once cable is seated fully in cable channel, release gate mechanism (2) and safety lock button (1). Gate to cable channel will close and red indicator on safety lock button will no longer be visible. Gate mechanism must be locked in the forwardmost position before use.

*Continued next page*



**⚠ WARNING!** If red indicator on safety lock button is visible during installation or at any time during use, immediately discontinue use and contact Guardian. **Using Cable Climbing Sleeve when red indicator is visible may cause C7 Cable Climbing Sleeve to disengage from cable and result in serious injury or death.**

**⚠ WARNING!** Gate mechanism must remain forward and locked during use. If gate mechanism opens at any time during use, whether red indicator on safety lock button is visible or not, immediately discontinue use and contact Guardian. **Using Cable Climbing Sleeve when gate mechanism is open may cause Cable Climbing Sleeve to disengage from cable and result in serious injury or death.**

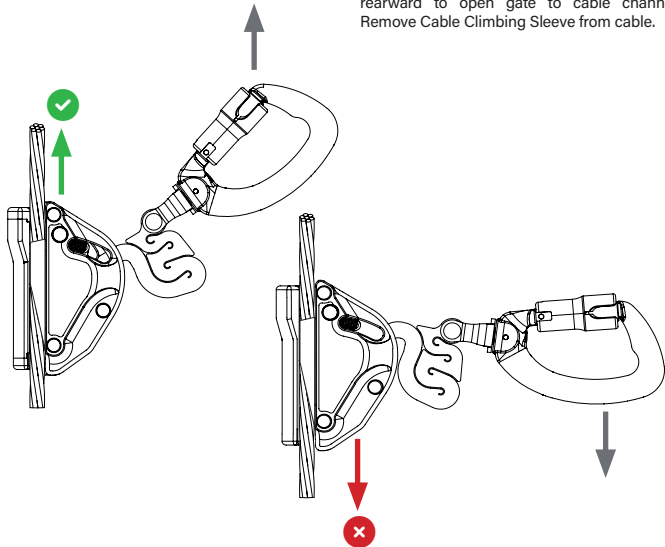
### Functionality Test (see image below)

Before each use, ensure Cable Climbing Sleeve functionality by sliding installed sleeve upward on cable; Cable Climbing Sleeve should move upward freely. If Cable Climbing Sleeve does not move upward freely, remove from service and contact Guardian.

Test locking function of Cable Climbing Sleeve by pulling downward on carabiner. Cable Climbing Sleeve should lock firmly on cable. If Cable Climbing Sleeve does not lock securely on cable, remove from service and contact Guardian.

### Removal

- Press and hold safety lock button (1) on right side of Cable Climbing Sleeve housing with your finger (red indicator will be visible) while simultaneously pulling gate mechanism (2) rearward to open gate to cable channel. Remove Cable Climbing Sleeve from cable.

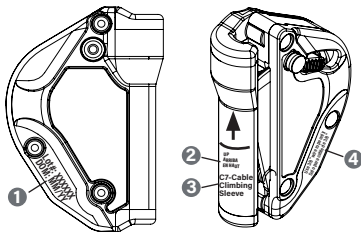


## Maintenance, Cleaning, and Storage

Cleaning after use is important for maintaining the safety and longevity of the Cable Climbing Sleeve. Remove all dirt, corrosives, and contaminants from the Cable Climbing Sleeve before and after each use. If a Cable Climbing Sleeve cannot be cleaned with plain water, use mild soap and water, then rinse and wipe dry. NEVER clean Cable Climbing Sleeve with corrosive substances.

When not in use or during transport, store equipment where it will not be affected by heat, light, excessive moisture, chemicals, or other degrading elements.

## Etchings



1 Lot #: XXXXXX  
DOM: MM/YY

2 UP / ARRIBA / EN HAUT

3 C7-Cable Climbing Sleeve

4 Use 3/8" wire rope only  
Solo para cable de 3/8"

## Labels



1 Guardian  
C7 Cable Climbing Sleeve  
OSHA 1910.29 & 1926.1053 | ANSI Z359.16  
guardianfall.com  
Serial #  
Part # 25034

2 DO NOT REMOVE LABELS  
Ve a las Instrucciones / Voir les Instructions

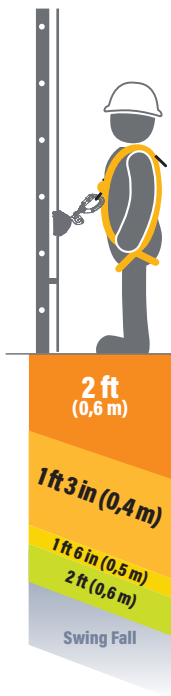
Read and follow manufacturer's instructions included at time of shipment. Failure to follow instructions may result in serious injury or death. Do not hold or grasp the cable or Cable Sleeve while actively climbing. Use only with compatible Guardian Cable Climbing System and 3/8" (9.5mm) diameter 1x7 galvanized steel cable. Only attach to sternal D-ring of compatible full body harness. Do not attach lanyard to cable sleeve or exceed 9" from cable. Inspect before each use. Immediately remove from service if product is subjected to a fall or fails inspection. Never attempt to modify or repair this product.

User Weight Range (inc. tools and equipment): 100-310 lb (46-140 kg)

Maximum 1 User

Designed and tested in USA

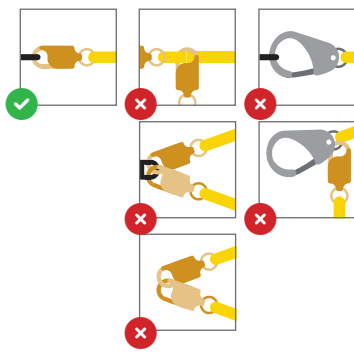
### Diagram A - Fall Clearance



- Free Fall Distance
- Fall Arrest Distance
- Harness Stretch
- Safety Factor
- Swing Fall

**⚠ WARNING!** Eliminate Swing Fall whenever possible! If swing fall exists, always account for additional fall clearance.

### Diagram B - Connections





**USA**

607 East Sam Houston Parkway South  
Suite 800  
Pasadena, TX 77503  
800 466 6385  
customer.service@guardianfall.com

**UK**

New Road, Sheerness  
Kent ME12 1PZ  
United Kingdom  
+44 (0) 1795 580 333  
enquiries@guardianfall.com

**CANADA**

580 Notre Dame Avenue, Unit 16  
Sudbury, ON  
P3C 5L2  
800 466 6385  
customer.service@guardianfall.com

**WARRANTY:** Guardian warrants to Buyer that all products are free from defects in material, workmanship, and design (if a Supplier-responsible design), however this warranty does not cover conditions resulting from normal wear and tear, neglect, abuse, accident or otherwise. Guardian's obligations under this warranty apply for the lifetime of the products and are limited to the replacement of product only. This warranty is not transferable to any other Guardian service and does not apply to product that is resold after having been put into service. No other person, firm, entity, or the like is authorized to assume or assign for Guardian any other liability in connection with the sale or use of Guardian's products. Furthermore, this warranty is void if any product is changed or altered in any way, or if the product is used in a manner other than for which it is intended. There are no implied warranties of merchantability or fitness for a particular purpose, which are specifically disclaimed.

---

Guardian® and its logo are registered trademarks of Pure Safety Group Inc. dba Guardian Fall in the US and other countries.