



SAFEWAZE

Tool Cuff/Arc Flash Tool Cuff Manual



STANDARD:	PART NUMBERS:
ANSI/ISEA 121-2023	SW400, SW402, SW404, SW406, SW407, SW408, SW411, SW414, SW416, SW417, SW422, SW423, SW424, SW425, SW431, SW432, SW433, SW434, SW436, SW438, 022-10002, 022-10003, 022-10004, 022-10005, 022-10006, 022-10007
ASTM F887	022-10002, 022-10003, 022-10004, 022-10005, 022-10006, 022-10007
N/A	SW426, SW428, FS8016

**Read and understand instructions before using equipment!
Do not throw away instructions!**

**Always verify the latest revision of the Safewaze Manual is being utilized.
Visit the Safewaze website, or contact Customer Service, for updated manuals.**

⚠ IMPORTANT:

- Please refer to this manual for essential instructions on the use, care, or suitability of this equipment for your application. Contact Safewaze for any additional questions.
- Record all important product information prior to use. Documentation of all Competent Person annual inspections is required in the Inspection Log.

▶ USER INFORMATION

Date of First Use: _____

Serial Number: _____

Trainer: _____

User: _____

▶ SAFETY INFORMATION AND PRECAUTIONS

- The manufacturer's instructions must be provided to users of this equipment.
- The user must read, understand, and follow all safety and usage information contained within this manual.
- The user must safely and effectively use the harness and all equipment used in conjunction with the product.
- Failure to follow all safety and usage information can result in serious injury or death.

Warnings:

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.

The warnings indicated below are designed to minimize risk associated with the use of a Safewaze tool cuff.

- Tool cuffs are for tool use only. Tool cuffs are not for human support and shall not be used as part of a personal fall arrest or fall restraint system. All procedures outlined in this manual are for Safewaze tool cuff products only.
- The user shall always inspect the tool cuff prior to each use. Wear appropriate PPE when installing, using, or inspecting the tool cuff.
- Ensure adequate clearance in the event of a tool drop. Tool fall/swing path must not endanger the user, other personnel, or any surrounding equipment or materials. Any incidents of dropped tools shall be reported to the supervisor.
- The user shall not exceed the allowable maximum capacity of the tool cuff.
- Do not tether tools that weigh more than 5 lbs. (2.26 kg) to the human body unless specifically authorized per the product label.
- Do not attempt to lengthen a tool cuff by connecting multiple tool cuffs together. Do not wrap tool cuffs around sharp or rough edges. Never attach a tool cuff to a tapered surface. Do not tie or knot the tool cuff. Only attach the tool cuff per this manual's instructions.
- Do not use a tool cuff if it will interfere with the tool's safe working conditions, anchoring location, or personal fall protection equipment.
- Do not use tool cuffs as hoisting lines or to statically suspend tools/equipment.
- Do not use a bungee-style tool cuff at full extension.
- Do not use tool cuffs in temperatures below -30°F/-35°C or above 160°F/71°C.
- Never attach tool cuffs to tools or equipment in a manner that would allow the tool cuff to unintentionally disconnect. Only make compatible connections. Contact Safewaze prior to using a Safewaze tool cuff in a combination that is not described in this manual.
- Do not alter or misuse equipment. Only Safewaze, or entities authorized in writing by Safewaze, may make repairs to Safewaze equipment.
- Training of Authorized Persons to correctly install, inspect, disassemble, maintain, store, and use equipment must be provided by a Competent Person.
- Equipment that is exposed to fall arrest forces must be immediately removed from service and destroyed.
- If work is conducted in a high heat environment, ensure that Arc Flash or other suitable fall protection equipment is utilized.
- Ensure the tool cuff is kept free from any and all obstructions including, but not limited to, entanglement with other workers, the user, and surrounding objects. Avoid moving machinery, electrical/chemical hazards, sharp and/or abrasive edges, and any other hazard that could damage or degrade the component.

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► 1.0 INTRODUCTION AND INTENDED USE

Thank you for purchasing a Safewaze Tool Cuff. This manual must be read and understood in its entirety and used as part of an employee training program as required by OSHA or any applicable state agency. The equipment covered in this manual is intended for use as part of a workplace fall protection plan.

Tool cuffs are for tool use only. Tool cuffs are not for human support and shall not be used as part of a personal fall arrest or fall restraint system. Tool cuffs are designed to protect workers from hazards that can result from heavy tools/equipment being dropped from elevated work areas. Tool cuffs provide an attachment point to the user and/or personal fall arrest system (PFAS).

Types of tool cuffs include tool attachments, tool tethers, and anchor points. Tool attachments secure tools with either a D-ring, choker, or cinch-style attachment point. Tool tethers serve as a connection between the user and the tool and are available in fixed and elastic lengths. Anchor points keep tools close at hand and securely attached to prevent dropped objects.

Workers shall use tool cuffs when working at heights to prevent risking serious injury or damage to personnel/equipment below them. Safewaze tool cuffs are available in a variety of configurations and sizes. Model numbers included in this manual can be found on the cover page.

All procedures outlined in this manual are for Safewaze tool cuff products only. Use of this equipment for any other purpose including, but not limited to, sports or recreational activities, non-approved material handling applications, or other action not described in these instructions, is not approved by Safewaze. Use of this equipment in a manner outside the scope of those covered within this manual can result in serious injury or death. The equipment covered in this manual must only be used by trained personnel in workplace applications.

► 2.0 APPLICABLE SAFETY STANDARDS

When used according to instructions, SW400, SW402, SW404, SW406, SW407, SW408, SW411, SW414, SW416, SW417, SW422, SW423, SW424, SW425, SW431, SW432, SW433, SW434, SW436, SW438, 022-10002, 022-10003, 022-10004, 022-10005, 022-10006, and 022-10007 meet the **ANSI/ISEA 121-2023** standard.

When used according to instructions, 022-10002, 022-10003, 022-10004, 022-10005, 022-10006, and 022-10007 meet the **ASTM F887** standard. An Arc Flash occurs when an electric current leaves its intended path. When a human is in close proximity to an Arc Flash, serious injury or death can occur. The aforementioned Safewaze Arc Flash tool cuffs are engineered to withstand an Arc Flash event and continue to provide a safe tool/equipment connection for the user.

SW426, SW428, and FS8016 do not meet any applicable standards.

Applicable standards and regulations depend on the type of work being done and may include state-specific regulations. Refer to local, state, and federal requirements for additional information on the governing of occupational safety regarding Personal Fall Arrest Systems (PFAS).

► 3.0 WORKER CLASSIFICATIONS

Read and understand the definitions of those who work in proximity of, or may be exposed to, fall hazards:

Qualified Engineer: A person with a Bachelor of Science in Engineering degree from an accredited college or university. They are able to assume personal responsibility for the development and application of engineering science and knowledge in the design, construction, use, and maintenance of their projects.

Qualified Person: One who, by possession of a recognized degree, certificate, or professional standing, or who by extensive knowledge, training, and experience, has successfully demonstrated their ability to solve or resolve problems relating to the subject matter, the work, or the project.

Competent Person: One who is capable of identifying existing and predictable hazards in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them.

Authorized Person: A person approved or assigned by the employer to perform a specific type of duty or duties, or to be at a specific location or locations, at the jobsite.

It is the responsibility of a Qualified Person or Engineer to supervise the jobsite and ensure safety regulations are met.

► 4.0 PRODUCT LIMITATIONS/SPECIFICATIONS

When installing or using this equipment always refer to the following requirements and limitations:

- **Fall Clearance:** Ensure adequate clearance-- 6.5 ft. (2 m), plus the length of the tool between where the tool cuff is anchored and the nearest person/sensitive object-- in the event of a tool drop. Tool fall/swing path must not endanger the user, other personnel, or any surrounding equipment or materials.
- **Hazards:** Extra precautions should be taken if this equipment is used in an environment where hazards exist. Hazards can include, but are not limited to, moving machinery, high voltage equipment or power lines, caustic chemicals, corrosive environments, toxic or explosive gases, or high heat. Avoid working in an area where overhead equipment or personnel could fall and contact the user, fall protection equipment, or the tool cuff.
- **Connection Point:** Use only the applicable connection point for intended use.

TOOL ATTACHMENTS & ACCESSORIES	
Part Number:	Description/Specifications:
SW400	• 2 lb. D-Ring Tool Attachment: 10 Pack • Maximum Tool Weight: 2 lbs. (0.9 kg) • Used with the 1" Blue Tool Tape (SW423) • Size: 0.5" (1.3 cm) x 2.5" (6.4 cm) • Item Weight: 0.03 lbs (0.01 kg) • Materials: Polyester (Webbing), Steel (D-Ring)

SW402	• 5 lb. D-Ring Tool Attachment: 10 Pack • Maximum Tool Weight: 5 lbs. (2.3 kg) • Used with the 2" Yellow Tool Tape (SW422) • Size: 1" (2.5 cm) x 3.5" (8.9 cm) • Item Weight: 0.06 lbs (0.03 kg) • Materials: Polyester (Webbing), Steel (D-Ring)
SW404	• 35 lb. Medium Duty Cinch Tool Attachment (No Tabs) • Maximum Tool Weight: 35 lbs. (15.9 kg) • Loop Connection Point • Size: 1" (2.5 cm) x 15" (38.1 cm) • Item Weight: 0.08 lbs (0.04 kg) • Materials: Polyester (Webbing)
SW406	• 35 lb. Medium Duty Cinch Tool Attachment (w/ Stabilization Tabs) • Maximum Tool Weight: 35 lbs. (15.9 kg) • Loop Connection Point • Size: 1" (2.5 cm) x 15" (38.1 cm) • Item Weight: 0.09 lbs (0.04 kg) • Materials: Polyester (Webbing)
SW407	• 80 lb. Heavy Duty Cinch Tool Attachment (w/ Stabilization Tabs) • Maximum Tool Weight: 80 lbs. (36.3 kg) • Loop Connection Point • Size: 1" (2.5 cm) x 25" (63.5 cm) • Item Weight: 0.13 lbs (0.06 kg) • Materials: Polyester (Webbing)
SW408	• 15 lb. D-Ring Tool Attachment: 10 Pack • Maximum Tool Weight: 15 lbs. (6.8 kg) • Size: 1" (2.5 cm) x 8" (20.3 cm) • Item Weight: 0.06 lbs (0.03 kg) • Materials: Polyester (Webbing), Nylon (Cord), Steel (D-Ring)
SW422	• 2" Yellow Tool Tape • Maximum Tool Weight: 5 lbs. (2.3 kg) • Dimensions: 9 ft. (2.7 m) length, 2 in. (5.1 cm) width • Item Weight: 0.02 lbs (0.009 kg) • Materials: Silicone (Tape)
SW423	• 1" Blue Tool Tape • Maximum Tool Weight: 2 lbs. (0.9 kg) • Dimensions: 9 ft. (2.7 m) length, 1 in. (2.5 cm) width • Item Weight: 0.01 lbs (0.005 kg) • Materials: Silicone (Tape)
SW425	• 5 lb. Elasticated Tool Attachment: 3 Pack • Maximum Tool Weight: 5 lbs. (2.3 kg) • Dimensions: 11 in. (27.9 cm) length, 1 in. (2.5 cm) width • Item Weight: 0.02 lbs (0.009 kg) • Materials: Elastic (Cord), Polyester (Webbing), Steel (D-Ring)
SW426	• 2 lb. Small Tool Ring: 25 Pack • Maximum Tool Weight: 2 lbs. (0.9 kg) • Size: 1.1" (2.8 cm) outer diameter, 0.9" (2.3 cm) inner diameter • Item Weight: 0.01 lbs. (0.005 kg) • Material: Zinc-Plated Steel (Ring)

SW428	• 2 lb. Large Tool Ring: 25 Pack • Maximum Tool Weight: 2 lbs. (0.9 kg) • Size: 1.5" (3.8 cm) outer diameter, 1.25" (3.2 cm) inner diameter • Item Weight: 0.02 lbs. (0.009 kg) • Material: Zinc-Plated Steel (Ring)
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TOOL TETHERS	
Part Number:	Description/Specifications:
SW411	• 5 lb. Coil Tool Tether • Maximum Tool Weight: 5 lbs. (2.3 kg) • Size: 21" (53.3 cm) to 68" (172.7 cm) • Item Weight: 0.27 lbs (0.12 kg) • Materials: Coated Steel (Cable), Aluminum (Carabiners)
SW414	• 2 lb. Coil Tool Tether • Maximum Tool Weight: 2 lbs. (0.9 kg) • Size: 31" (78.7 cm) to 70" (177.8 cm) • Item Weight: 0.28 lbs (0.13 kg) • Materials: Coated Steel (Cable), Aluminum (Carabiners)
SW416	• 5 lb. 12" Tool Tether: 10 pack • Maximum Tool Weight: 5 lbs. (2.3 kg) • Size: 0.5" (1.3 cm) x 12" (30.5 cm) • Item Weight: 0.21 lbs (0.10 kg) • Materials: Polyester (Webbing), Steel (Swivel Clamp Connectors)
SW417	• 5 lb. 24" Tool Tether: 10 pack • Maximum Tool Weight: 5 lbs. (2.3 kg) • Size: 0.5" (1.3 cm) x 24" (61 cm) • Item Weight: 0.38 lbs (0.17 kg) • Materials: Polyester (Webbing), Steel (Swivel Clamp Connectors)
SW431	• 35 lb. Medium Duty Elasticated Tool Tether • Maximum Tool Weight: 35 lbs. (15.9 kg) • Size: 52" (132.1 cm) x 66" (167.6 cm) • Item Weight: 0.4 lbs (0.2 kg) • Materials: Elasticated Polyester w/ POY Energy Absorber (Webbing), Aluminum (Carabiner)
SW432	• 35 lb. Medium Duty Elasticated Tool Tether: 2 Carabiners • Maximum Tool Weight: 35 lbs. (15.9 kg) • Size: 50" (127 cm) x 62" (157.5 cm) • Item Weight: 0.7 lbs (0.3 kg) • Materials: Elasticated Polyester w/ POY Energy Absorber (Webbing), Aluminum (Carabiners)
SW433	• 80 lb. Heavy Duty Elasticated Tool Tether: Loop • Maximum Tool Weight: 80 lbs. (36.3 kg) • Size: 66.5" (168.9 cm) x 80.5" (204.5 cm) • Item Weight: 0.5 lbs (0.2 kg) • Materials: Elasticated Polyester w/ POY Energy Absorber (Webbing), Aluminum (Carabiner)

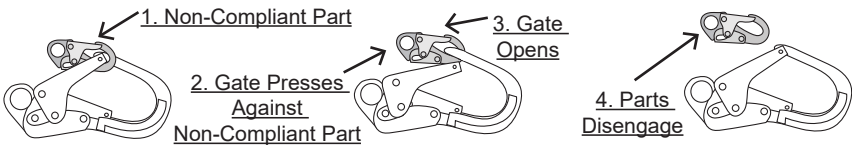
SW434	• 80 lb. Heavy Duty Elasticated Tool Tether • Maximum Tool Weight: 80 lbs. (36.3 kg) • Size: 64" (162.6 cm) x 80.5" (204.5 cm) • Item Weight: 0.7 lbs (0.3 kg) • Materials: Elasticated Polyester w/ POY Energy Absorber (Webbing), Aluminum (Carabiners)
SW436	• 15 lb. Elasticated Tool Tether: 2 Carabiner • Maximum Tool Weight: 15 lbs. (6.8 kg) • Size: 31" (78.7 cm) x 58" (147.3 cm) • Item Weight: 0.21 lbs (0.10 kg) • Materials: Elasticated Polyester (Webbing), Aluminum (Carabiners)
SW438	• 15 lb. Elasticated Tool Tether: Carabiner, Cinch • Maximum Tool Weight: 15 lbs. (6.8 kg) • Size: 32" (81.3 cm) x 53" (134.6 cm) • Item Weight: 0.14 lbs (0.06 kg) • Materials: Elasticated Polyester (Webbing), Aluminum (Carabiner), Plastic (Cord Lock)
FS8016	• 15 lb. Elasticated Tool Lanyard • Maximum Tool Weight: 15 lbs. (6.8 kg) • Size: 32" (81.3 cm) x 53" (134.6 cm) • Item Weight: 0.2 lbs (.09 kg) • Materials: Elasticated Polyester (Webbing), Plastic (Cord Lock), Steel (Carabiner)
022-10002	• 5 lb. Arc Flash Elasticated Tool Tether: Carabiner, Cinch • 40 Cal Rated Aramid Web for Electric and High Heat • Maximum Tool Weight: 5 lbs. (2.3 kg) • Size: 32" (81.3 cm) x 55" (139.7 cm) • Item Weight: 0.1 lbs (0.05 kg) • Materials: Aramid (Lanyard), Aluminum (Carabiner), Plastic (Cord Lock)
022-10003	• 5 lb. Arc Flash Elasticated Tool Tether: 2 Carabiners • 40 Cal Rated Aramid Web for Electric and High Heat • Maximum Tool Weight: 5 lbs. (2.3 kg) • Size: 28" (71.1 cm) x 51" (129.54 cm) • Item Weight: 0.18 lbs (0.08 kg) • Materials: Aramid (Lanyard), Aluminum (Carabiners)
022-10004	• 15 lb. Arc Flash Elasticated Tool Tether: Carabiner, Cinch • 40 Cal Rated Aramid Web for Electric and High Heat • Maximum Tool Weight: 15 lbs. (6.8 kg) • Size: 38" (96.5 cm) x 64" (162.6 cm) • Item Weight: 0.26 lbs (0.12 kg) • Materials: Aramid (Lanyard), Aluminum (Carabiner), Plastic (Cord Lock)
022-10005	• 15 lb. Arc Flash Elasticated Tool Tether: 2 Carabiner • 40 Cal Rated Aramid Web for Electric and High Heat • Maximum Tool Weight: 15 lbs. (6.8 kg) • Size: 31" (78.7 cm) x 57.5" (146.1 cm) • Item Weight: 0.3 lbs (0.14 kg) • Materials: Aramid (Lanyard), Aluminum (Carabiners)

TOOL ANCHORS	
Part Number:	Description/Specifications:
SW424	• 5 lb. Wrist Tool Anchor • Maximum Tool Weight: 5 lbs. (2.3 kg) • Size: 1.75" (4.4 cm) Wide • Item Weight: 0.09 lbs (0.04 kg) • Materials: Polyester & Velcro (Strap), Steel (D-Ring)
022-10006	• 5 lb. Arc Flash Tool Anchor • 40 Cal Rated Aramid Web for Electric and High Heat • Maximum Tool Weight: 5 lbs. (2.3 kg) • Item Weight: 0.1 lbs (0.05 kg) • Materials: Aramid (Webbing), Plastic (D-Ring), Kevlar® (Thread)
022-10007	• 5 lb. Arc Flash Tool Anchor: 50 Pack • 40 Cal Rated Aramid Web for Electric and High Heat • Maximum Tool Weight: 5 lbs. (2.3 kg) • Item Weight: 0.1 lbs (0.05 kg) • Materials: Aramid (Webbing), Plastic (D-Ring), Kevlar® (Thread)

► 5.0 COMPATIBILITY OF CONNECTORS

- Safewaze equipment is designed for, and tested with, associated Safewaze components or systems. If substitutions or replacements are made, ensure all components meet the applicable ANSI requirements. Read and follow manufacturer's instructions for all components and subsystems in your PFAS. Not following this guidance may jeopardize compatibility of equipment and possibly affect the safety and reliability of the system.
- Connectors are compatible with connecting elements when they have been designed to work together in such a way that their sizes and shapes do not cause their gate mechanisms to inadvertently open regardless of how they become oriented.
- Connectors (hooks, carabiners, and D-rings) must be capable of supporting at least 5,000 lbs. (22 kN).
- Connectors must be compatible with the anchorage or other system components.
- Do not use equipment that is not compatible. Non-compatible connectors may unintentionally disengage.
- Connectors must be compatible in size, shape, and strength.
- Self-locking snap hooks and carabiners are required by OSHA guidelines.
- Some specialty connectors have additional requirements. Contact Safewaze if you have any questions about compatibility.

UNINTENTIONAL DISENGAGEMENT EXAMPLE



Using a connector that is undersized or irregular in shape (1) to connect a snap hook or carabiner could allow the connector to force open the gate of the snap hook or carabiner. When force is applied, the gate of the hook or carabiner presses against the non-compliant part (2) and forces open the gate (3). This allows the snap hook or carabiner to disengage (4) from the connection point.

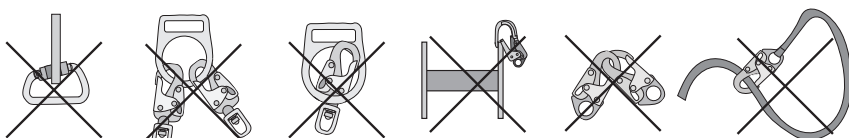
► 6.0 MAKING CONNECTIONS

Snap hooks and carabiners used with this equipment must be double locking and/ or twist lock. Ensure all connections are compatible in size, shape, and strength. Do not use equipment that is not compatible. Ensure all connectors are fully closed and locked.

Safewaze connectors (hooks, carabiners, and D-rings) are designed to be used only as specified in each product's manual. See Figure 3 for examples of inappropriate connections. Do not connect snap hooks and carabiners:

- To a D-ring to which another connector is attached.
- In a manner that would result in a load on the gate (with the exception of tie-back hooks).
- In a false engagement, where features that protrude from the snap hook or carabiner catch on the anchor, and without visual confirmation seems to be fully engaged to the anchor point.
- To each other.
- By wrapping the web lifeline around an anchor and securing to lifeline, except as allowed for tie-back models.
- To any object which is shaped or sized in a way that the snap hook or carabiner will not close and lock, or that roll-out could occur.
- In a manner that does not allow the connector to align properly while under load.

INAPPROPRIATE CONNECTION EXAMPLES



Large throat snap hooks must not be connected to standard size D-rings or similar objects which will result in a load on the gate if the hook or D-ring twists or rotates, unless the snap hook complies with ANSI Z359.1-2007 or ANSI Z359.12 and is equipped with a 3,600 lb. (16 kN) gate.

► 7.0 TOOL CUFF INSTALLATION

Upon receiving a Safewaze tool cuff, remove the product from the packaging and fully inspect for possible damage that may have occurred during shipping (See Section 11 for Full Inspection Procedures). Always ensure the tool cuff, tool, and tool tape (if applicable) are free of debris.

Prior to connecting and using tool cuffs, weigh the tool to ensure it does not exceed the maximum allowed capacity of the product (refer to product's label).

The following instructions are applicable when connecting a tool to a user*, PFAS, or anchor location.

***Note:** Do not tether tools that weigh more than 5 lbs. (2.26 kg) to the user unless specifically authorized per the product label.

For Tools **with Engineered Captive Connection Points:**

1. Locate the tool's connection point.
2. Once a secure tool attachment is located, attach your tool attachment, tool tether, or tool anchor:
 - For carabiner ends: Open the carabiner and secure it to the tool's identified connection point. Ensure the carabiner's locking mechanism is engaged.
 - For loop ends: Thread the loop through the tool's attachment point. Feed the other end of the product through the loop. Pull tight and remove all slack.
3. After connection, the user shall ensure the connection is solid with no slippage.
4. The user shall always keep tools tethered while at heights. Use one of the following methods if exchanging tools:
 - 100% Tie-Off: Ensure the tool is tethered to a secondary anchor prior to disconnecting from the initial anchor point.
 - Secure Area: Exchange tools inside a controlled container or over a platform.

TOOL ATTACHED DIRECTLY TO CARABINER:

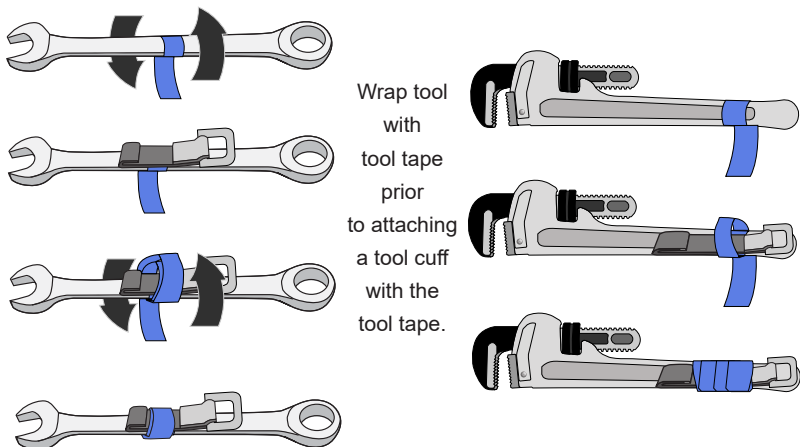


For Tool **without Engineered Captive Connection Points:**

1. Utilize Safewaze tool cuffs to create a connection point. When creating a connection point, the user shall consider the following:
 - Do not precut tool tape.
 - The user shall maintain a moderate level of tension on the tape while attaching the D-ring Tool Attachment to the tool.
 - Attach the beginning of the first wrap directly to the tool surface while ensuring the D-ring tool attachment comes into contact with the first full wrap of tape.
 - When attaching a tool cuff product with additional attachment tabs, the user must use tool tape to secure the attachment tabs to the tool.

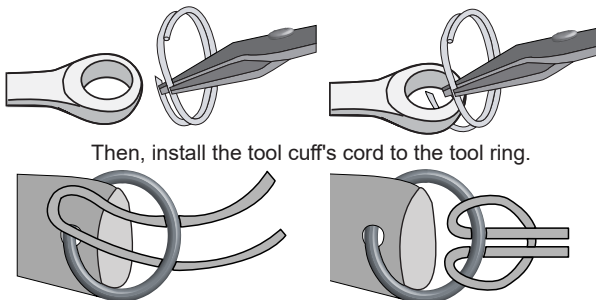
- For D-ring tool attachments with a capacity of 2 lbs. to 5 lbs., a minimum of 12 wraps of tape must be applied to ensure proper tool connection.
 - Ensure that the D-ring tool attachment is located away from the tool's center of gravity.
2. Once a secure tool attachment is created, attach your tool attachment, tool tether, or tool anchor.
 - For carabiner ends: Open the carabiner and secure it to the tool's identified connection point. Ensure the carabiner's locking mechanism is engaged.
 - For loop ends: Thread the loop through the tool's attachment point. Feed the other end of the product through the loop. Pull tight and remove all slack.
 3. After connection, the user shall ensure the connection is solid with no slippage.
 4. The user shall always keep tools tethered while at heights. Use one of the following methods if exchanging tools:
 - 100% Tie-Off: Ensure the tool is tethered to a secondary anchor prior to disconnecting from the initial anchor point.
 - Secure Area: Exchange tools inside a controlled container or over a platform.

TOOL TAPE INSTALLATION EXAMPLES:

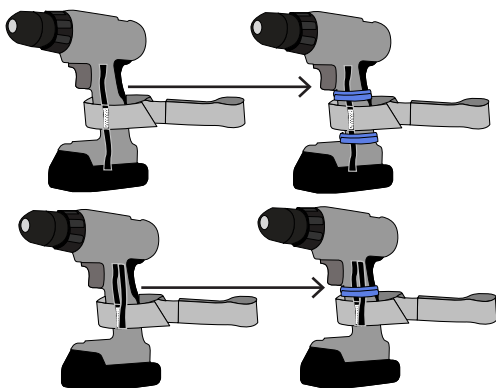


TOOL RING INSTALLATION:

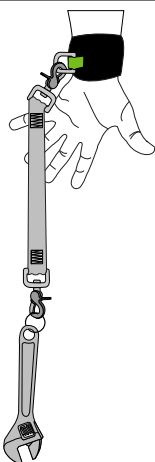
First, install the tool ring to the tool's connection point.



STABILIZATION TABS INSTALLATION EXAMPLES:



TOOL ATTACHED TO USER:



► 8.0 TOOL CUFF CONNECTION EXAMPLES (5 LB. TOOLS)

1. Select a 5 lb. tool:



OR



2. Connect a tool attachment to the tool:



3. Connect a tool tether to the tool attachment:



4. Full tool assembly example:

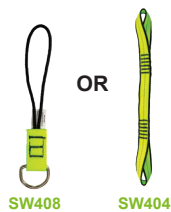


► 9.0 TOOL CUFF CONNECTION EXAMPLES (15 LB. TOOLS)

1. Select a 15 lb. tool:



2. Connect a tool attachment to the tool:



3. Connect a tool tether to the tool attachment:



4. Full tool assembly example:

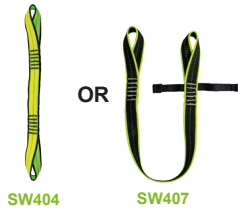


► 10.0 TOOL CUFF CONNECTION EXAMPLES (35 LB. TOOLS)

1. Select a 35 lb. tool:



2. Connect a tool attachment to the tool:



3. Connect a tool tether to the tool attachment:



4. Full tool assembly example:



► 11.0 INSPECTION & MAINTENANCE

The user must keep instructions available for reference and record the date of first use on Page 2. The user must immediately remove the system from service if defects or damage are found, or if exposed to forces of fall arrest.

Work Area:

- If installing tools to a structure, inspect the area to ensure the location is free of any damage including, but not limited to, debris, cracking, rot, decay, structural deterioration, rust, and any hazardous materials.
- A Competent Person must determine that the installation location to be utilized will support the intended loads.

Frequency:

- A Competent Person, other than the user, must inspect the product at least once annually.
- While conducting inspections, the Competent Person must consider all applications and hazards that the equipment may have been subjected to while in use.
- Competent Person inspections must be recorded in the Inspection Log included in this manual (Page 20), as well as the inspection table labels on each product individually. The Competent Person must place their initials in the block which corresponds with the month and year that the inspection is performed. All individual labels on the equipment will be initialed in the same manner.

Directions:

- Prior to each use, inspect the product for possible deficiencies including, but not limited to, missing parts, corrosion, deformation, pits, burrs, rough surfaces, sharp edges, cracking, rust, paint buildup, excessive heating, alteration, and missing or illegible labels.
- Prior to each use, the user must inspect and verify that each individual component of the product (Page 19) is safe for use. Regardless of the tool cuff type, the user shall inspect the following:
 1. Inspect the webbing and/or cable of the product for cuts, frays, broken stitching, damage from heat or chemical exposure, or other defects related to excessive wear or abrasion.

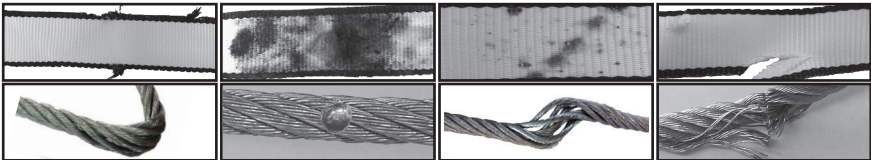
2. Inspect the hardware for missing parts, corrosion, deformation, cracking, rust, paint buildup, alteration, or other defects related to excessive wear or abrasion. If applicable, ensure no grommets are loose or missing.
3. Inspect labeling to ensure that they are legible and present on the product. If any labeling is illegible, or missing, remove the product from service.

Note: Refer to the specific manufacturer's product manual to inspect the tools/equipment attached to the product.

INSPECTION FREQUENCY TABLE:

Type of Use	Application Examples	Conditions of Use	Inspection Frequency by Competent Person
Infrequent to Light	Rescue and Confined Space, Factory Maintenance	Good Storage Conditions, Indoor or Infrequent Outdoor Use, Room Temperature, Clean Environments	Annually
Moderate to Heavy	Transportation, Residential Construction, Utilities, Warehouse	Fair Storage Conditions, Indoor and Extended Outdoor Use, All Temperatures, Clean or Dusty Environments	Semi-Annually to Annually
Severe to Continuous	Commercial Construction, Oil and Gas, Mining	Harsh Storage Conditions, Prolonged or Continuous Outdoor Use, All Temperatures, Dirty Environment	Quarterly to Semi-Annually

WEB/CABLE DAMAGE EXAMPLES:



Repairs:

- Only Safewaze, or entities authorized in writing by Safewaze, may make repairs to Safewaze equipment.

Cleaning:

- The product can be cleaned with water and mild soap. The user shall remove all dirt, possible corrosives, and contaminants from the system prior to, and after, each use. Never use any type of corrosive substance to clean the system. Excess water shall be blown out with compressed air. Hardware can be wiped off with a clean, dry cloth. Do not store system if wet or damp. Allow equipment to fully dry before being stored.

Storage:

- Prior to use, store the product in a cool, dry area where it will not be exposed to extreme light, extreme heat, excessive moisture, or possibly corrosive chemicals or materials.

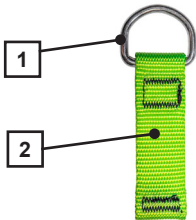
Lifespan:

- The working life of the product is determined by work conditions, care, and inspection provided. So long as the product and all components pass inspection, it may remain in service.

Disposal:

- Dispose of the product if inspection reveals an unsafe or defective condition. If damaged and unserviceable, the product must be destroyed so as not to allow accidental re-use.

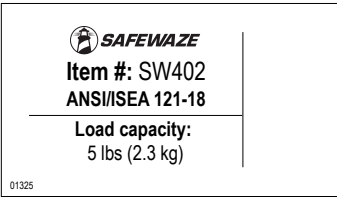
INSPECTION EXAMPLES



1	D-Ring
2	Webbing

1	Carabiners
2	Cable

▶ 12.0 LABELS



**SAFEWAZE****INSPECTION LOG**

ANNUAL FORM

Inspection Date:	Inspector:	Pass/Fail: ▼▲	Comments/ Corrective Action:

**SAFEWAZE****Address:** 225 Wilshire Ave SW, Concord, NC 28025**Phone:** (800) 230-0319**Fax:** 704-262-9051**Email:** info@safewaze.com**Website:** safewaze.com