

SafeWaze SW417

Safewaze SW417 5 lbs. Tool Tether - 24" User Manual

Model: SW417 | **Brand:** SafeWaze

1. PRODUCT OVERVIEW

The SafeWaze SW417 Tool Tether is a critical safety device designed to prevent tools from falling when working at height. This 24-inch (61 cm) tether is engineered to securely connect tools weighing up to 5 lbs (2.27 kg) to an anchor point, such as a worker's harness, tool belt, or a fixed structure. It serves as an essential component in a comprehensive fall prevention strategy for tools, enhancing safety in various industrial, construction, solar, wind, tower, energy, and general safety markets.



Image: The SafeWaze SW417 Tool Tether, featuring a bright neon green webbing strap and two robust silver snap hooks at each end. The webbing includes a label with product specifications.

2. SAFETY INFORMATION

Adherence to safety guidelines is paramount when using the SW417 Tool Tether. Failure to follow these instructions may result in serious injury or property damage.

- **Pre-Use Inspection:** Always perform a thorough visual inspection of the tether before each use. Check the webbing for cuts, abrasions, fraying, discoloration, or chemical damage. Inspect the snap hooks for deformation, cracks, corrosion, or proper gate operation.
- **Weight Capacity:** Do not exceed the tether's maximum load capacity of 5 lbs (2.27 kg). Overloading can lead to tether failure.
- **Purpose:** This tether is designed for tool retention only. It is *not* intended for personal fall arrest, rescue, or lifting applications.
- **Compatibility:** Ensure the tether is compatible with the tools and anchor points being used.
- **Environmental Factors:** Avoid exposure to extreme temperatures, sharp edges, open flames, or corrosive chemicals, which can degrade the tether's integrity.

- **Damaged Equipment:** Any tether showing signs of damage, excessive wear, or that has been subjected to a significant impact (e.g., stopping a falling tool) must be immediately removed from service and replaced. Do not attempt to repair damaged equipment.
- **Training:** Users must be trained in proper fall protection practices and the safe use of tool tethers.

3. SETUP AND INSTALLATION

Proper attachment of the tool tether is crucial for effective fall prevention.

1. **Tool Attachment:** Select a tool that weighs 5 lbs (2.27 kg) or less. Attach one of the snap hooks of the SW417 Tool Tether to a secure attachment point on the tool. This could be a dedicated lanyard hole, a closed handle, or a robust part of the tool designed for tethering. Ensure the snap hook gate is fully closed and locked.
2. **Anchor Point Attachment:** Attach the other snap hook of the tether to a suitable anchor point. Common anchor points include a D-ring on a fall protection harness, a dedicated tool lanyard attachment point on a tool belt, or a secure fixed structure. Ensure the snap hook gate is fully closed and locked.
3. **Verify Connections:** Before beginning work, gently tug on both ends of the tether to confirm that both connections are secure and properly engaged.
4. **Positioning:** Position the tether so that it does not interfere with your movement or create a snagging hazard. Avoid routing the tether over sharp edges.

4. OPERATING INSTRUCTIONS

Once the SW417 Tool Tether is properly installed, it facilitates safe tool handling at height.

- **Tool Use:** Use the tethered tool as intended. The tether provides a safety net, preventing the tool from free-falling if accidentally dropped.
- **Maintain Awareness:** Be aware of the tether's position during work to prevent it from becoming tangled with other equipment or creating a tripping hazard.
- **Tool Transfer:** When transferring tools between workers, ensure the tether remains attached to one person or a secure anchor point until the transfer is complete and the tool is safely tethered by the receiving party.
- **Avoid Slack:** While some slack is necessary for tool manipulation, avoid excessive slack that could allow a tool to gain significant momentum before being caught, increasing impact force.

5. MAINTENANCE

Proper maintenance extends the life and ensures the reliability of your tool tether.

- **Cleaning:** Clean the tether regularly with a mild soap and water solution. Rinse thoroughly with clean water.
- **Drying:** Allow the tether to air dry completely in a clean, well-ventilated area, away from direct sunlight, heat sources, or open flames. Do not use forced heat to dry.
- **Storage:** Store the tether in a cool, dry, clean environment, free from chemicals, corrosive vapors, extreme temperatures, and direct sunlight. Protect it from mechanical damage, sharp objects, and pests.
- **Periodic Inspection:** In addition to pre-use inspections, conduct more detailed periodic inspections as per your company's safety protocols or at least every six months, documented by a competent person.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with the SW417 Tool Tether.

| Problem | Possible Cause | Solution |
|---|--|--|
| Tether shows signs of damage (fraying, cuts, corrosion). | Wear and tear, exposure to sharp objects or chemicals, improper storage. | Immediately remove the tether from service. Do not attempt to repair. Replace with a new, compliant tether. |
| Tool weight exceeds tether capacity. | Incorrect tether selection for the tool. | Do not use this tether. Select a tool tether with an appropriate weight capacity for the tool being used. |
| Snap hook does not close or lock properly. | Debris in mechanism, damage to spring or gate. | Clean the mechanism. If still faulty or damaged, remove the tether from service and replace. |
| Tether interferes with tool operation or worker movement. | Improper routing, tether length unsuitable for task. | Re-route the tether to minimize interference. If persistent, consider if a different tether length or type is more suitable for the specific task. |

7. SPECIFICATIONS

- **Model:** SW417
- **Brand:** SafeWaze
- **Part Number:** SW417
- **Tether Length:** 24 inches (approximately 61 cm)
- **Maximum Load Capacity:** 5 lbs (approximately 2.27 kg)
- **Connectors:** Two snap hooks
- **Material:** Durable webbing and metal hardware

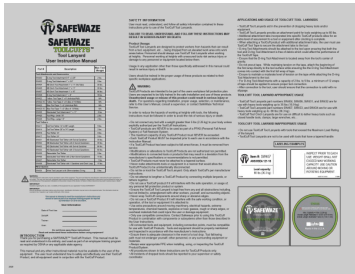
8. WARRANTY AND SUPPORT

For specific warranty information regarding your SafeWaze SW417 Tool Tether, please refer to the documentation provided with your purchase or visit the official SafeWaze website. For technical support, product inquiries, or assistance with any issues not covered in this manual, please contact SafeWaze customer service directly. Retain your proof of purchase for any warranty claims.

Manufacturer: SafeWaze

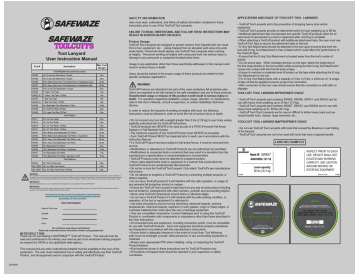
Note: Product specifications and design are subject to change without notice. Always refer to the latest product documentation and safety standards.

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|---|---|
|  | <p>SafeWaze ToolCuffs: Dropped Tool Prevention System & Accessories</p> <p>Explore SafeWaze ToolCuffs, a comprehensive system designed to prevent dropped tools and protect workers. This guide details various tool attachments, tethers, and connection options for tools weighing 1 lb. to 80 lbs., along with installation instructions and a free fall impact force chart. All products are tested to ANSI/ISEA 121-2018 requirements.</p> |
|  | <p>Safewaze ToolCuffs: Comprehensive Dropped Tool Prevention System</p> <p>Explore Safewaze ToolCuffs, a complete system designed to prevent dropped tools and protect workers. This guide details various tool attachments, tethers, and connection options for tools ranging from 1 lb to 80 lbs, ensuring workplace safety and compliance with ANSI/ISEA 121-2018 requirements.</p> |
|  | <p>SAFEWAZE TOOLCUFFS Tool Lanyard User Instruction Manual</p> <p>Comprehensive user instruction manual for SAFEWAZE TOOLCUFFS Tool Lanyards, detailing safety information, proper usage, installation, maintenance, and inspection procedures for preventing dropped tools in elevated work environments.</p> |
|  | <p>Safewaze Quadrant Retractable HLL Manual (023-8091)</p> <p>User manual for the Safewaze Quadrant Retractable Horizontal Lifeline (HLL) system, model 023-8091. Covers installation, use, safety precautions, inspection, maintenance, and specifications for fall protection.</p> |
|  | <p>Safewaze D-Plate Anchor 024-4114: Installation, Safety, and Use Manual</p> <p>Comprehensive guide for the Safewaze D-Plate Anchor (Model 024-4114), covering installation, safety standards, limitations, applications, inspection, and maintenance for fall protection systems.</p> |
|  | <p>Safewaze Fall Protection Competent Person Course Information</p> <p>Details about the Safewaze Fall Protection Competent Person Course, including topics covered, course requirements, cost, schedule, and location. Designed for individuals working at height and responsible for fall protection.</p> |



[SAFEWAZE TOOLCUFFS Tool Lanyard User Instruction Manual](#)

Comprehensive user instruction manual for SAFEWAZE TOOLCUFFS Tool Lanyards, detailing safety information, proper usage, installation, maintenance, and inspection procedures for preventing dropped tools in elevated work environments.
lang:en score:35 filesize: 1.47 M page_count: 2 document date: 2019-12-14



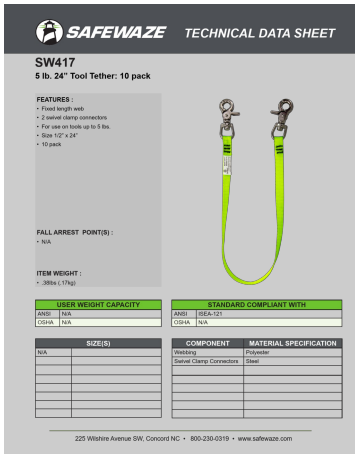
[SAFEWAZE TOOLCUFFS Tool Lanyard User Instruction Manual](#)

This user instruction manual provides comprehensive guidelines for the safe and effective use, installation, maintenance, and inspection of SAFEWAZE TOOLCUFFS Tool Lanyards. Designed to prevent dropped tools and equipment from elevated work areas, it details product specifications, appropriate usage, and safety warnings for various tool attachments and tethers.
lang:en score:34 filesize: 1.43 M page_count: 2 document date: 2022-11-16



[\[pdf\] User Manual Instructions Documentation](#)

Manual15 lb Arc Flash Elasticated Tool Tether 2 Carabiners SafewazeToolCuff Manual 220
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Tool Cuff/Arc Flash Tool Cuff Manual STANDARD: ANSI/ISEA 121-2023 ASTM F887
N/A PART NUMBERS: 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...
lang:en score:30 filesize: 4.2 M page_count: 20 document date: 2025-02-06



[Safewaze SW417 5 lb. 24" Tool Tether Technical Data Sheet](#)

Explore the Safewaze SW417 5 lb. 24" Tool Tether, available in a 10-pack. This technical data sheet details features like fixed length webbing, two swivel clamp connectors, and a 5 lb. capacity, ideal for securing tools at height. Learn about its specifications, including a 1/2" x 24" size and .38 lbs (.17 kg) weight, and compliance with ANSI/ISEA 121 standards.
lang:en score:28 filesize: 281.27 K page_count: 1 document date: 2022-01-27



[Safewaze ToolCuffs: Dropped Tool Prevention System & Attachments](#)

Explore Safewaze ToolCuffs, a comprehensive system designed to prevent dropped tools and protect workers. This guide details various tool attachments, tethers, and connection options for tools weighing from 1 lb to 80 lbs, along with installation instructions and impact force data.

lang:en score:27 filesize: 5.7 M page_count: 2 document date: 2023-10-17



[SafeWaze ToolCuffs: Dropped Tool Prevention System & Accessories](#)

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lang:en score:27 filesize: 3.44 M page_count: 2 document date: 2019-10-29



[Safewaze ToolCuffs: Comprehensive Dropped Tool Prevention System](#)

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lang:en score:26 filesize: 6.03 M page_count: 2 document date: 2022-02-24



[SAFEWAZE TOOLCUFFS: Preventing Dropped Tools & Protecting Workers](#)

Explore SAFEWAZE TOOLCUFFS sample connection options for various tool weights (1 lb to 80 lb) and learn how to install tool attachments using Tool Tape to prevent dropped tools and protect workers. This guide details compatible tool attachments and tethers for different tools and applications.

lang:en score:25 filesize: 4.04 M page_count: 1 document date: 2019-10-28



[\[pdf\] Catalog](#)

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Safewaze has proven that as we navi ... n tools up to 5 lbs. Size 1/2 x 12 10-Pack Meets ANSI-ISEA-121 5 lb. 24 Tool Tether: 10 Pack **SW417** Fixed length web 2 Swivel clamp connectors For use on tools up to 5 lbs. Size 1/2 x 24 ...

lang:en score:17 filesize: 102.64 M page_count: 100 document date: 2021-09-21