



[Manuals.plus](#) /

› [Ergodyne](#) /

› Ergodyne Squids 3002 Retractable Tool Lanyard Instruction Manual

## Ergodyne 3002

# Ergodyne Squids 3002 Retractable Tool Lanyard Instruction Manual

Model: 3002 | Brand: Ergodyne

## INTRODUCTION

The Ergodyne Squids 3002 Retractable Tool Lanyard is designed to secure hand tools, preventing them from becoming falling objects when working at heights. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your tool lanyard to ensure safety and optimal performance.



Image: The Squids 3002 Retractable Tool Lanyard, showcasing its main components including the retractable housing, carabiner, and belt attachment strap.

## KEY FEATURES

- **ANSI/ISEA 121-2018 Compliant:** Third-party certified to a 2lb / 0.9kg maximum working capacity with a 2:1 safety factor, ensuring reliable performance for dropped object prevention.
- **Minimized Work Impact:** The retractable design reduces snag hazards and maintains a low profile when anchored, enhancing user mobility and safety.
- **Easy to Use:** Simple pull and retraction mechanism allows workers to easily extend the cord and have it retract smoothly back into the housing.
- **Cut-Resistant Cord:** Features a lightweight and high-strength Dyneema® cord, designed to withstand harsh working

conditions.

- **Durable Construction:** Built with a fiberglass-reinforced nylon housing that protects internal components, ensuring longevity in tough environments.

## RETRACTABLE

LIMITS SNAGS, KEEPS LOW PROFILE  
WHEN ANCHORED



Image: The lanyard demonstrating its 2lb (0.9kg) maximum load capacity and compliance with the ANSI/ISEA 121 standard for dropped object prevention.

### SETUP AND ATTACHMENT

The Squids 3002 Retractable Tool Lanyard is designed for easy attachment to belts or harnesses. Follow these steps for secure setup:

1. **Identify Attachment Point:** Locate a suitable belt or harness strap, up to 3 inches (8 cm) wide, where you intend to attach the lanyard.
2. **Open Hook & Loop Strap:** Unfasten the hook and loop strap on the back of the lanyard's housing.
3. **Thread Strap:** Thread the open end of the strap through the designated slot on your belt or harness.
4. **Secure Strap:** Fold the strap back and firmly press the hook and loop fasteners together to secure the lanyard to your belt or harness. Ensure it is tightly fastened to prevent movement during use.
5. **Attach Tool:** Use the auto-locking carabiner to attach your tool to the lanyard. Ensure the carabiner gate is fully

closed and locked after attachment.

# BELT ATTACHMENT

HOOK & LOOP ATTACHES TO BELTS AND HARNESSES WITHOUT REMOVAL



Image: Detail of the hook and loop strap, illustrating how it attaches to a belt or harness without requiring removal of the belt.

# TETHER TOOLS AT HEIGHTS

## PREVENT DROPPED OBJECTS



Image: The lanyard securely attached to a work belt, demonstrating its low-profile design and how it keeps tools tethered at heights.

### Setup Demonstration Video

Video: An official demonstration of the Ergodyne Squids 3002 Retractable Tool Lanyard, showing its features, ease of use, and attachment methods to belts and harnesses.

### OPERATING INSTRUCTIONS

The Squids 3002 is designed for simple and efficient tool tethering:

1. **Extend Cord:** To use your tool, simply pull it away from the lanyard housing. The Dyneema® cord will extend smoothly to its maximum length of 48 inches (122 cm).
2. **Retract Cord:** When you are finished using the tool, release it, and the cord will automatically retract back into the housing, keeping the tool close and preventing snagging.
3. **Secure Tool:** Always ensure the tool is securely attached to the carabiner and the carabiner is properly locked before and during use.

# TESTED & APPROVED

MEETS ANSI/ISEA 121-2018 STANDARD  
FOR DROPPED OBJECT PREVENTION



// Designed to tether hand tools weighing up to 0.5lbs / 0.23kg in a retracted state.

Image: A hand demonstrating the simple pull and retraction mechanism of the lanyard, highlighting its ease of use.

# EASY TO USE

## SIMPLE PULL AND RETRACTION



Image: A worker utilizing the retractable lanyard with pliers attached to their harness, demonstrating how the design limits snag hazards and maintains a low profile.

## MAINTENANCE

Proper maintenance ensures the longevity and reliability of your Ergodyne Squids 3002 Retractable Tool Lanyard:

- **Regular Inspection:** Before each use, inspect the lanyard for any signs of wear, fraying, cuts, or damage to the cord, housing, or carabiner. Check the hook and loop attachment for secure fastening.
- **Cleaning:** If the lanyard becomes dirty, wipe it clean with a damp cloth. Avoid using harsh chemicals or abrasive cleaners that could damage the materials. Ensure it is completely dry before storage.
- **Storage:** Store the lanyard in a clean, dry place away from direct sunlight, extreme temperatures, and corrosive substances.
- **Avoid Overloading:** Do not exceed the maximum working capacity of 2 lbs (0.9 kg) to prevent damage to the retraction mechanism and cord.

## TROUBLESHOOTING

If you encounter issues with your Squids 3002 Retractable Tool Lanyard, consider the following:

- **Cord Not Retracting Fully:**

- Check for debris: Ensure no dirt, concrete, or other foreign objects are lodged in the cord exit or within the housing.
- Inspect for damage: Look for any kinks, knots, or damage to the Dyneema® cord that might impede retraction.
- Verify load: Ensure the attached tool does not exceed the 0.5 lbs (0.23 kg) retracted weight limit. Tools up to 2 lbs (0.9 kg) are prevented from falling, but may not fully retract if heavier than 0.5 lbs.

- **Carabiner Malfunction:**

- Check for obstruction: Ensure the gate and locking mechanism are free from dirt or debris.
- Lubrication: A small amount of dry lubricant may help if the gate is stiff.

- **Attachment Loosening:**

- Re-secure hook & loop: Re-fasten the hook and loop strap firmly to your belt or harness.
- Inspect strap: Check the hook and loop material for excessive wear that might reduce its gripping ability.

If issues persist or if you observe significant damage, discontinue use and contact Ergodyne customer support.

## SPECIFICATIONS

Attribute	Detail
Model Number	3002
Brand	Ergodyne
Size	Standard
Color	Gray
Material	Plastic (Housing), Aluminum (Carabiner), Dyneema (Cord)
Load Capacity	2 Pounds (0.9 kg)
Retracted Tool Weight	Up to 0.5 lbs (0.23 kg) for full retraction
Lanyard Length	48 inches (122 cm) extended
Attachment Type	Hook & Loop Belt / Harness Attachment
Carabiner Type	Auto-locking, double-action
Compliance	ANSI/ISEA 121-2018
Item Weight	4.2 ounces
Product Dimensions	48"L x 3"W (extended length)

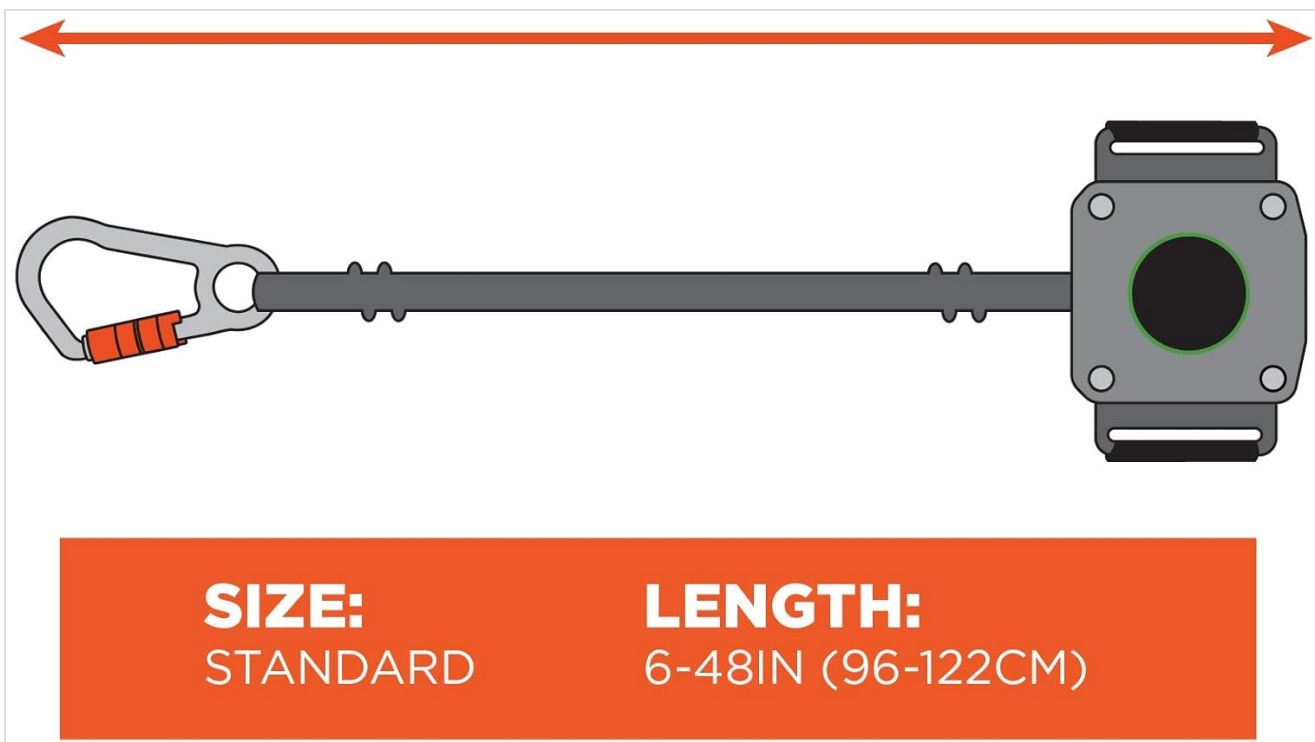


Image: A diagram illustrating the standard size and extended length (48 inches / 122 cm) of the lanyard.

## CUT-RESISTANT CORD

LIGHTWEIGHT & HIGH-STRENGTH  
TO WITHSTAND HARSH CONDITIONS



Image: A close-up view of the lanyard's cut-resistant Dyneema cord and aluminum carabiner, emphasizing the high-strength material designed for harsh conditions.

## WARRANTY INFORMATION

Ergodyne stands behind its products and guarantees them to be free of defects in materials and workmanship to the original purchaser for the lifetime of the product. This warranty does not cover damage resulting from abuse, misuse, or normal wear and tear.

## **CUSTOMER SUPPORT**

For further assistance, technical support, or warranty claims, please contact Ergodyne customer service through their official website or the contact information provided with your product packaging. Always refer to the model number (3002) when seeking support.

You can visit the official Ergodyne store for more information: [Ergodyne Store](#)