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## Fencer Wire CA27

# Fencer Wire Hardware Cloth User Manual

Model: CA27 - 24" H x 100' L x 1/8-Inch Mesh, 27 Gauge Galvanized Steel

## 1. INTRODUCTION

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This manual provides essential information for the proper use, installation, and maintenance of your Fencer Wire Hardware Cloth. This product is a versatile, durable galvanized steel wire mesh designed for various applications requiring a fine, protective barrier.

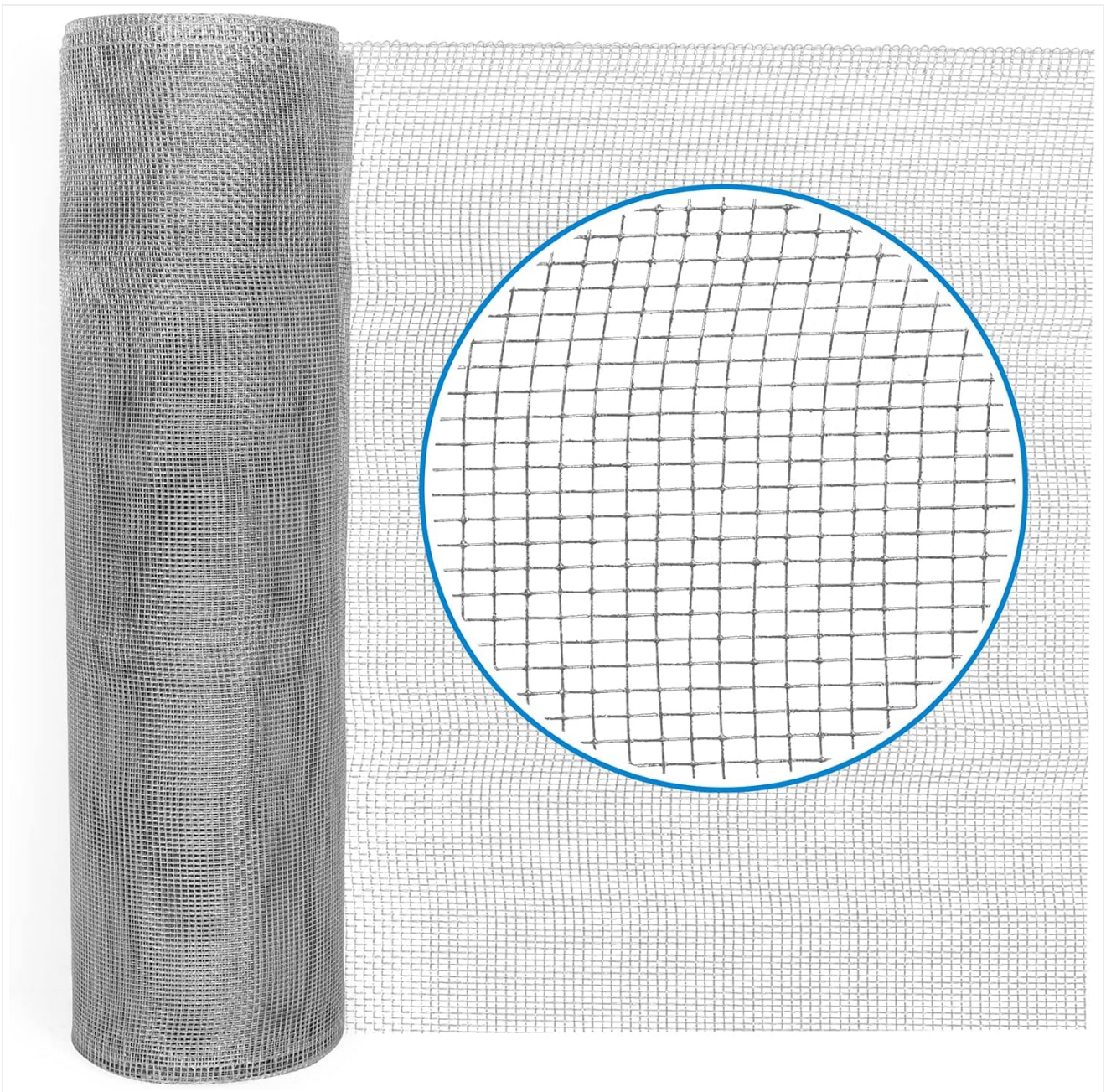


Image 1.1: A roll of Fencer Wire Hardware Cloth, illustrating its compact form for storage and transport.

## Product Features:

- **Durable Materials:** Constructed from 27-gauge steel wire, hot-dip galvanized after weaving for enhanced corrosion resistance.
- **Optimal Mesh Size:** Features 1/8-inch openings, suitable for excluding small insects like bees and wasps while allowing airflow.
- **Galvanized and Rust Proof:** Double zinc-coated for maximum rust resistance and extended lifespan.
- **Flexible and Easy to Work With:** The material is designed to be pliable enough for various applications and can be cut with standard wire cutters.

## 2. SETUP AND INSTALLATION

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Proper setup ensures the effectiveness and longevity of your hardware cloth. Always prioritize safety during handling and installation.

### 2.1 Safety Precautions

- Wear heavy-duty gloves to protect hands from sharp edges.
- Use appropriate eye protection to prevent injury from flying wire fragments during cutting.
- Handle the rolled wire carefully to avoid sudden uncoiling.



Image 2.1: Hands wearing protective gloves while handling wire mesh, emphasizing safety during installation.

## 2.2 Unrolling and Cutting

1. Place the rolled hardware cloth on a flat, stable surface.
2. Carefully unroll the desired length, keeping tension to prevent uncontrolled springing.
3. Mark the cutting line using a marker or chalk.
4. Use heavy-duty wire cutters or tin snips to cut along the marked line. The 27-gauge wire is relatively easy to cut.

## 2.3 Securing the Hardware Cloth

The method of securing depends on the application:

- **For Fencing/Barriers:** Attach to posts using U-nails, staples, or wire ties. Ensure adequate tension for stability.
- **For Enclosures/Covers:** Use screws with washers, staples, or zip ties to secure to wooden frames or other structures.
- **For Ground Applications:** Bury the bottom edge slightly into the ground or secure with landscape staples to prevent burrowing animals.

## 3. APPLICATIONS AND USAGE

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The 1/8-inch mesh size and galvanized steel construction make this hardware cloth suitable for a wide range of protective and containment applications.

### 3.1 Pest and Insect Exclusion

- **Beehive Screened Bottom Boards:** The 1/8-inch openings are ideal for creating screened bottom boards for beehives, preventing bees from passing through while allowing ventilation.

- **Ant Traps and Insect Barriers:** Effective in constructing barriers or traps to deter ants, wasps, and other mid to large-sized insects from unwanted areas.
- **Vent Protection:** Can be used to cover foundation or attic vents to prevent embers, insects, and small pests from entering structures.



Image 3.1: A person inspecting a beehive frame, demonstrating the product's utility in beekeeping for screened bottom boards.

## 3.2 Animal Containment and Protection

- **Poultry and Small Animal Enclosures:** Suitable for creating secure enclosures for chickens, rabbits, and other small animals, protecting them from predators.
- **Garden and Crop Protection:** Can be fashioned into covers or barriers for raised garden beds to protect vegetables and plants from birds, squirrels, and other garden pests.
- **Tree Guards:** Flexible enough to be formed into tree guards to protect young fruit trees from gnawing animals.
- **Snake Fencing:** The fine mesh can be effective in creating barriers to deter snakes.



Image 3.2: A chicken near a feeder, with hardware cloth forming part of its enclosure, illustrating its use in poultry protection.



Image 3.3: A raised garden bed protected by a hardware cloth cover, demonstrating its use for crop protection.

### 3.3 General Repair and Reinforcement

- **Hole Repair:** Can be used to patch holes in walls or other structures to prevent pest entry.
- **Screen Door Reinforcement:** Provides an additional layer of protection for screen doors against pets or damage.



Image 3.4: Hardware cloth used to cover a damaged area on a wall, illustrating its application in repair and pest exclusion.

## 4. MAINTENANCE

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Regular maintenance helps preserve the integrity and effectiveness of your hardware cloth.

- **Periodic Inspection:** Regularly check the hardware cloth for any signs of damage, such as bent wires, tears, or loose

fastenings.

- **Cleaning:** If used in dusty or dirty environments, gently clean the mesh with a soft brush and water to remove debris. Avoid harsh chemicals that could compromise the galvanization.
- **Repair:** Small areas of damage can often be repaired by weaving in new wire or patching with a small piece of hardware cloth secured with wire ties.
- **Rust Prevention:** While galvanized for rust resistance, prolonged exposure to harsh conditions or damage to the coating can lead to rust. Address any rust spots promptly with rust-inhibiting paint if necessary.

## 5. TROUBLESHOOTING

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This section addresses common issues that may arise during the use of the hardware cloth.

Issue	Possible Cause	Solution
Difficulty cutting the wire.	Using inadequate cutting tools.	Ensure you are using heavy-duty wire cutters or tin snips designed for metal.
Edges are sharp or fraying after cutting.	Normal characteristic of cut wire mesh.	Wear gloves. Bend sharp ends inward or cover with trim/edging for safety.
Hardware cloth sags or is not taut after installation.	Insufficient tension during installation or inadequate fastening.	Re-tension and add more fasteners at closer intervals. Ensure attachment points are secure.
Signs of rust appearing.	Damage to galvanized coating or prolonged exposure to corrosive elements.	Clean the rusted area and apply a rust-inhibiting primer and paint. Consider additional protective coatings in harsh environments.

## 6. PRODUCT SPECIFICATIONS

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Detailed technical specifications for the Fencer Wire Hardware Cloth.

- **Product Dimensions:** 24 inches (Height) x 100 feet (Length)
- **Mesh Opening:** 1/8-inch x 1/8-inch square grid
- **Wire Gauge:** 27 Gauge
- **Material:** Galvanized Steel Wire
- **Item Weight:** Approximately 28 pounds
- **Model Number:** CA27
- **Finish:** Hot-dip galvanized after weaving

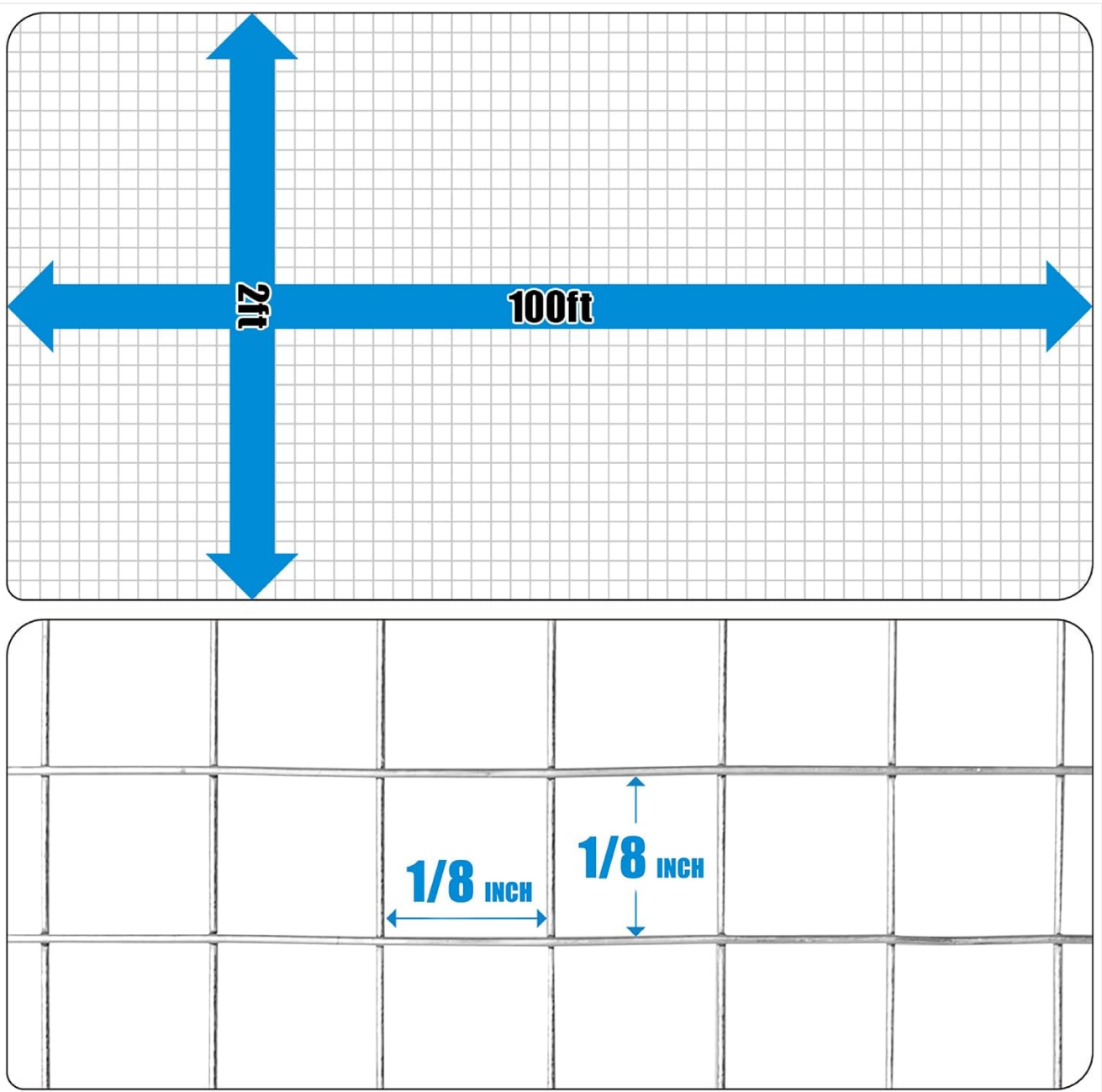


Image 6.1: A diagram illustrating the overall dimensions (2ft x 100ft) and the precise 1/8-inch mesh opening of the hardware cloth.



Image 6.2: A close-up view of the 1/8-inch mesh, with a hand providing scale to demonstrate the fine grid size.

## 7. WARRANTY AND SUPPORT

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### 7.1 Satisfaction Guarantee

Fencer Wire stands by the quality of its products. We offer a 100% satisfaction guarantee, ensuring that you receive a product that meets your expectations for quality and performance.

### 7.2 Customer Support

Should you have any questions, concerns, or require assistance with your Fencer Wire Hardware Cloth, please contact our customer service team. Our team is dedicated to providing support and addressing any inquiries you may have. For contact information, please refer to the packaging or the official Fencer Wire website.