

[Manuals.plus](#) /

› [Grip-Rite](#) /

› Grip-Rite BT176100R 17GA Bar Ties Instruction Manual

Grip-Rite BT176100R

Grip-Rite BT176100R 17GA Bar Ties Instruction Manual

1. INTRODUCTION

This manual provides instructions for the proper use and handling of Grip-Rite BT176100R 17GA Bar Ties. These 6-inch, 17-gauge annealed steel bar ties are designed for securing rebar in concrete construction applications, ensuring structural integrity and stability. Each carton contains 25 bags, with 100 ties per bag, totaling 2500 ties.

2. SAFETY INFORMATION

Always prioritize safety when working with construction materials. Follow all local and national safety regulations. Wear appropriate personal protective equipment (PPE), including safety glasses and gloves, to prevent injuries from sharp edges or wire breakage. Keep bar ties out of reach of children.

3. PRODUCT OVERVIEW

The Grip-Rite BT176100R bar ties are made from 17-gauge black annealed steel wire, providing a balance of strength and flexibility for tying rebar. Their 6-inch length is suitable for various rebar sizes and configurations.



Figure 1: A bag of Grip-Rite BT176100R 17GA Bar Ties.

4. SETUP

No specific setup is required for the bar ties themselves. Ensure you have the necessary tools, such as a tie wire twister or pliers, for efficient and secure application. Inspect ties for any damage before use.

5. OPERATING INSTRUCTIONS

Follow these steps to properly secure rebar using Grip-Rite BT176100R bar ties:

1. **Positioning:** Place the bar tie around the intersection of two rebar pieces that need to be secured. Ensure the tie wraps snugly around both bars.
2. **Twisting:** Use a tie wire twister tool or pliers to grasp both ends of the bar tie. Pull the tool to twist the wire ends together.
3. **Tightening:** Twist until the tie is firm and secure, holding the rebar in place without excessive movement. Avoid

over-twisting, which can cause the wire to break. The goal is a tight connection that prevents rebar displacement during concrete pouring.

4. **Inspection:** After twisting, visually inspect the tie to ensure it is properly secured and not damaged.

6. MAINTENANCE

Grip-Rite bar ties require minimal maintenance. Proper storage is crucial to maintain their integrity:

- Store ties in a dry environment to prevent rust and corrosion.
- Keep ties in their original packaging until ready for use to protect them from environmental exposure and damage.
- Avoid prolonged exposure to moisture or harsh chemicals.

7. TROUBLESHOOTING

Issue	Possible Cause	Solution
Wire breaks during twisting	Over-twisting or wire fatigue. May also occur if the wire gauge is insufficient for the rebar size or tension required.	Twist only until firm; avoid excessive force. Ensure the 17-gauge wire is appropriate for your specific rebar application. For heavier rebar or higher tension, a thicker gauge wire may be necessary.
Ties rust quickly	Exposure to moisture or humidity.	Store ties in a dry, covered area. Minimize exposure to rain, dew, or high humidity.
Rebar not held securely	Insufficient twisting or improper placement.	Ensure the tie is wrapped tightly around both rebar pieces and twisted firmly. Verify the tie is positioned correctly at the intersection.

8. SPECIFICATIONS

- **Model:** BT176100R
- **Gauge:** 17GA
- **Length:** 6 inches
- **Material:** Black Annealed Steel
- **Quantity:** 100 ties per bag, 25 bags per carton (Total 2500 ties)
- **Item Weight:** Approximately 0.27 g per tie
- **UPC:** 764666534452

9. WARRANTY

Grip-Rite products are manufactured to high standards. A warranty is provided for this product. For specific details regarding warranty coverage, terms, and conditions, please refer to the official Grip-Rite website or contact customer support directly.

10. CUSTOMER SUPPORT

For further assistance, technical questions, or to report any issues with your Grip-Rite BT176100R bar ties, please contact Grip-Rite customer support through their official website or the contact information provided on the product packaging.
Grip-Rite Official Website: www.grip-rite.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question