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Grip-Rite GR024

Grip-Rite GR024 Framing Nails Instruction Manual

Model: GR024

1. PRODUCT OVERVIEW

The Grip-Rite GR024 are 3-1/4-inch by .131-inch, 21-degree plastic collated vinyl coated framing nails. These nails are designed for robust fastening in various construction applications, offering superior holding power and ease of driving. Each box contains 4,000 nails, suitable for large-scale projects.



Image: The Grip-Rite GR024 product box, showcasing the 4,000-count of 3-1/4-inch by .131-inch, 21-degree plastic collated vinyl coated framing nails, along with a visual representation of the collated nails.

Key Features:

- **Smooth Shank:** Non-galvanized, plastic collated strip nails designed for consistent performance.
- **Dimensions:** 16d 'short' size, measuring 3-1/4-inches in length and .131-inches in diameter.
- **Coating:** Vinyl coated for easier driving into materials and enhanced holding power.
- **Head Type:** 21-degree full round head, providing added pull-through strength.
- **Packaging:** Supplied in a sturdy cardboard carton with bi-lingual (English-Spanish) color-coded labeling.
- **Quantity:** Each carton contains 4,000 nails.



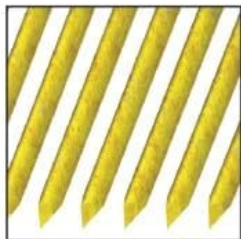
Pneumatic Drive
Compatible with most
21-degree nailers



Round Head
For strong,
reliable hold



Vinyl Coated
For faster drive
and hold



Smooth Shank
Reduces the chance
of wood splitting

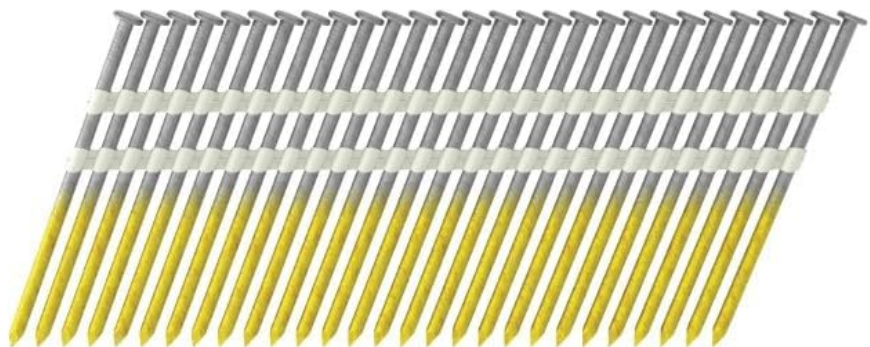


Image: A diagram highlighting key features of the Grip-Rite GR024 nails, including their 21-degree angle for pneumatic drive compatibility, round head for strong hold, vinyl coating for faster driving, and smooth shank to reduce wood splitting.

2. SPECIFICATIONS

Manufacturer	Grip-Rite
Part Number	GR024
Item Weight	4.77 pounds
Product Dimensions	3.25 x 0.01 x 0.01 inches (Nail dimensions)
Country of Origin	USA
Item Model Number	GR024
Size	3-1/4 inches
Color	Silver (Nail head/body)

Material	Vinyl Coated Steel
Head Style	Full Round Head
Collation Angle	21-degree
Item Package Quantity	4,000 nails

Plastic Collation

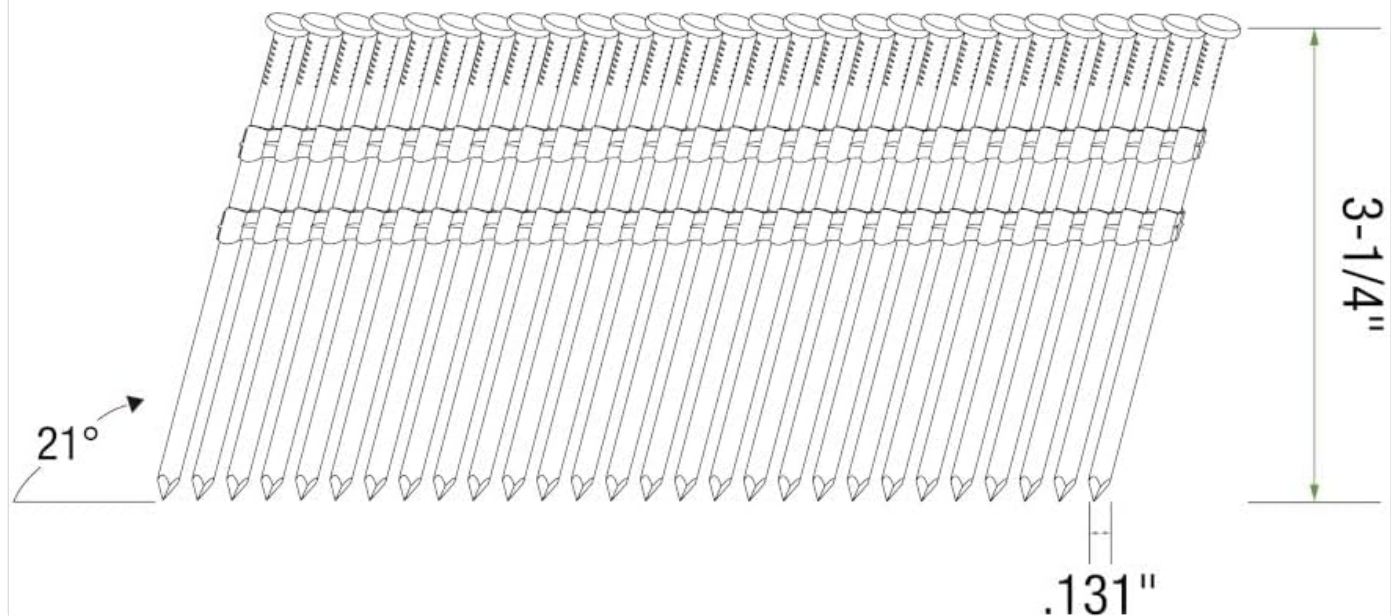


Image: A technical drawing illustrating the plastic collation of the nails, showing the 21-degree angle and precise dimensions of 3-1/4 inches in length and .131 inches in diameter.

3. COMPATIBILITY AND SETUP

Grip-Rite GR024 framing nails are designed for use with 21-degree full round head framing nailers. Ensure your nailer is compatible with these specifications for optimal performance and safety.

Compatible Nailer Models:

- Bostitch: N95RHN, N90RHN, N95-162, N88RH
- Dewalt: D51845, D51844
- Hitachi: NR83A, NR83A2, NR90AC, NR90AC2
- Max: SN890RH, SN80, SN90
- Paslode: 5325SRH, 5350/SRN-20, F350RH
- Porter Cable: FR350NC, FR350MAG, FR350, FR350A
- Senco: SN60, SN65, SN65C, FramePro 602, 650, 652, 702XL, 752XL
- Also compatible with Grip-Rite GRTRH350 21-degree full round head framing nailer and many other similar tools.

Loading Nails:

1. Always disconnect the air supply from the nailer before loading or making any adjustments.
2. Open the nailer's magazine.

3. Insert the collated strip of Grip-Rite GR024 nails into the magazine, ensuring the nails are oriented correctly according to your nailer's instructions. The plastic collation should align properly.
4. Close the magazine securely.
5. Reconnect the air supply and test the nailer on a scrap piece of material before beginning work.



Image: A close-up view of several Grip-Rite GR024 collated framing nails, showing the plastic strip that holds them together and their vinyl-coated shanks.

4. OPERATING AND APPLICATION GUIDELINES

These nails are primarily used for structural fastening in construction. Always follow safety guidelines for your specific framing nailer and wear appropriate personal protective equipment (PPE), including eye protection and hearing protection.

Primary Applications:

- **Framing:** Ideal for constructing wall frames, floor joists, and roof trusses.
- **Sheathing:** Suitable for attaching plywood or OSB sheathing to walls and roofs.
- **Subfloors:** Effective for securing subfloor panels to floor joists.
- **Roof Decking:** Used for fastening roof decking materials.

These nails are designed for applications where corrosion protection is not explicitly required. The vinyl coating aids in easier driving and provides superior holding power.



Image: A worker demonstrating the use of a framing nailer, likely loaded with Grip-Rite nails, to secure wooden framing in a confined area, highlighting the tool's maneuverability.



Image: A construction worker operating a Grip-Rite framing nailer to fasten lumber, illustrating the typical application of these nails in a building project.



Image: A worker using a framing nailer to secure a wooden beam, demonstrating the precision and power of the tool when used with appropriate fasteners like Grip-Rite nails.

5. STORAGE AND MAINTENANCE

Proper storage of Grip-Rite GR024 nails is crucial to maintain their quality and ensure reliable performance.

Storage Recommendations:

- Store nails in their original packaging in a cool, dry environment.
- Avoid exposure to moisture, high humidity, or extreme temperature fluctuations, as this can affect the vinyl coating and the integrity of the plastic collation.
- Keep nails away from direct sunlight to prevent degradation of the plastic collation.
- Ensure the storage area is free from dust and debris.

Maintenance:

While the nails themselves require no maintenance, regularly inspect the plastic collation for any damage or breakage before loading them into your nailer. Damaged strips can lead to misfeeds or jams.

6. TROUBLESHOOTING

Most issues encountered with collated nails are related to the nailer itself or improper loading. Here are some common troubleshooting tips:

Common Issues and Solutions:

- **Nailer Jams:**
 - Ensure the nails are correctly loaded into the magazine and the plastic collation is not bent or broken.
 - Verify that your nailer is compatible with 21-degree full round head nails of this size (3-1/4" x .131").
 - Check the air pressure of your compressor; insufficient pressure can lead to incomplete nail drives and jams.
 - Clean the nailer's nose and magazine regularly to remove any debris or residue.
- **Nails Not Driving Fully:**
 - Increase the air pressure to your nailer within the manufacturer's recommended range.
 - Adjust the depth setting on your nailer.
 - Ensure the material being fastened is not excessively dense for the nailer's capacity.
- **Nails Breaking Apart in Magazine:**
 - Inspect the nails for any damage from shipping or handling before loading.
 - Ensure the magazine is not overfilled or forcing the nails.
 - Store nails properly to prevent degradation of the plastic collation.

If issues persist, consult your framing nailer's instruction manual or contact the nailer manufacturer's support. For questions specifically regarding Grip-Rite nails, refer to the support section below.

7. WARRANTY AND SUPPORT

Grip-Rite products are manufactured to high standards. For specific warranty information regarding the GR024 framing nails, please refer to the packaging or contact Grip-Rite directly.

Contact Information:

For product inquiries, technical support, or warranty claims, please visit the official Grip-Rite website or contact their customer service department.

Grip-Rite Official Website: www.grip-rite.com

Note: Specific contact details (phone numbers, email addresses) may vary and are best found on the official Grip-Rite website.