

Naroote 1051

Naroote Air Compressor Exhaust Tube User Manual

Model: 1051

1. INTRODUCTION

The Naroote Air Compressor Exhaust Tube is designed as a high-quality, reliable replacement component for air compressor systems. Constructed from durable copper-coated aluminium alloy, this tube ensures efficient gas discharge and resistance to wear and tear. Its standard design facilitates easy installation and provides a secure connection for optimal performance in various air compressor applications.

2. SAFETY INFORMATION

- Always ensure the air compressor system is completely depressurized before attempting any installation, removal, or maintenance of the exhaust tube.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves, during handling and installation.
- Do not overtighten connections, as this may damage the threads or the tube.
- Regularly inspect the exhaust tube for any signs of damage, kinks, or ruptures. Replace immediately if any damage is observed to prevent accidents and ensure optimal performance.
- Keep children and unauthorized personnel away from the work area during installation or maintenance.

3. PRODUCT OVERVIEW

The Naroote Air Compressor Exhaust Tube (Model 1051) is a flexible, corrugated tube with threaded connectors at both ends. It is specifically designed to serve as an exhaust pipe for air compressors, facilitating the discharge of gas.



Figure 3.1: Overall view of the Naroot Air Compressor Exhaust Tube.

Key features include:

- **Durable Material:** Made of copper-coated aluminium alloy for enhanced durability and resistance to wear and tear.
- **Standard Diameter:** Features a 12mm outer diameter, suitable for various air compressor models.
- **Secure Connection:** Equipped with 3/4-16UNF threaded ports for a tight and stable connection.
- **Reliable Performance:** Designed for consistent and safe gas discharge.



Copper coated aluminium alloy.
Very durable with corrosion and long use

Figure 3.2: The copper-coated aluminium alloy construction, highlighting its durability.

4. SETUP AND INSTALLATION

This section provides instructions for the proper installation of the Air Compressor Exhaust Tube.

1. **Depressurize System:** Before beginning installation, ensure the air compressor is turned off and completely depressurized. Refer to your air compressor's manual for specific depressurization procedures.
2. **Remove Old Tube (if applicable):** Carefully unscrew and remove the existing exhaust tube from both connection points on the air compressor. Be mindful of any residual pressure or hot surfaces.
3. **Inspect New Tube:** Examine the Naroote Air Compressor Exhaust Tube for any manufacturing defects or shipping damage.
4. **Connect First End:** Align one threaded end of the new exhaust tube with the corresponding port on the air compressor. Hand-tighten the connection initially.
5. **Connect Second End:** Align the other threaded end with its respective port. Hand-tighten this connection as well.
6. **Secure Connections:** Using an appropriate wrench, carefully tighten both threaded connections. Do not

overtighten. The 3/4-16UNF thread ensures a secure fit.



Figure 4.1: Detail of the threaded port for secure connection.

After installation, perform a visual check to ensure the tube is properly seated and there are no visible kinks or obstructions.

5. OPERATING INSTRUCTIONS

The Air Compressor Exhaust Tube functions passively as a conduit for gas discharge. Once installed, its operation is integrated with the air compressor's normal function.

- Ensure the exhaust tube is securely installed before operating the air compressor.
- During operation, the tube will safely channel exhaust gases away from the compressor.
- Monitor the tube during initial operation for any signs of leaks or unusual vibrations.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Naroote Air Compressor Exhaust Tube.

- **Regular Inspection:** Periodically inspect the entire length of the exhaust tube for any signs of wear, corrosion, kinks, cracks, or ruptures. Pay close attention to the threaded connections for any signs of loosening or leakage.
- **Cleaning:** If necessary, gently wipe down the exterior of the tube with a clean, dry cloth to remove dust or debris. Do not use harsh chemicals or abrasive materials.
- **Replacement:** If any damage is detected during inspection, or if the tube shows significant signs of degradation, it must be replaced immediately to prevent potential hazards and maintain compressor efficiency.



Figure 6.1: Detail of the corrugated tube structure, important for flexibility and durability.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with the exhaust tube.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Gas Leak at Connection Points	Loose connection; Damaged threads; Worn sealing washer (if applicable)	Ensure connections are tightened properly (do not overtighten). Inspect threads for damage. If damaged, replace the tube.
Tube Kinked or Bent	Improper installation; External force/impact	If the kink is severe and restricts flow, the tube must be replaced. Ensure proper routing during installation to avoid kinking.
Visible Corrosion or Wear	Normal wear and tear over time; Exposure to harsh conditions	Replace the exhaust tube immediately. Regular inspection can help identify this early.

If the issue persists after attempting the suggested solutions, or if you encounter problems not listed here, contact customer support.

8. SPECIFICATIONS

Detailed technical specifications for the Naroote Air Compressor Exhaust Tube (Model 1051).

Item Type: Air Compressor Exhaust Tube

Brand: Naroote

Model: 1051 (Specific length variant)

Material: Copper-coated Aluminium Alloy

Thread Interface: 3/4-16UNF

Aluminium Tube Outer Diameter: Approx. 12mm / 0.47in

Length (Distance Between Ports): Approx. 25cm / 9.84in (for Model 1051)

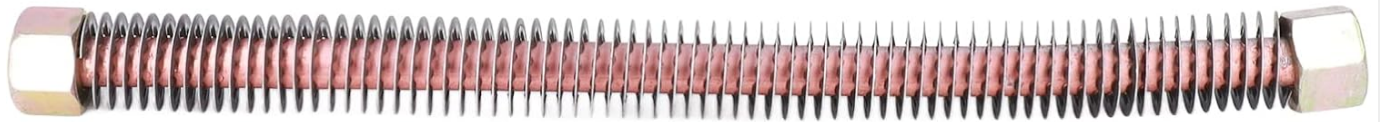
Function: Air Compressor Exhaust Tube

Item Weight: Approx. 5.7 ounces

Manufacturer: Shanrya

Part Number: Shanryapbdw082hyt1721-14

1051



30cm / 11.81in



Figure 8.1: Dimensional specifications for Model 1051. Note: The image shows 30cm, but the description for 1051 states 25cm.

Note: While the diagram image may show 30cm, the product description for Model 1051 specifies a length of approximately 25cm (9.84in).

9. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the seller's policy on the platform where the product was purchased. For general inquiries about Naroote products, please visit the official Naroote brand page or contact their customer service directly through the retailer.

As this product is an air compressor part, it is recommended to consult with a qualified technician for any complex installation or repair procedures beyond the scope of this manual.

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

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