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› Tomotato Air Compressor Hose User Manual

Tomotato Tomotatodvk0nxcgi8-12

Tomotato Air Compressor Hose User Manual

Model: Tomotatodvk0nxcgi8-12

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Tomotato Air Compressor Hose. Please read this manual thoroughly before operating the product and retain it for future reference. This air hose is designed for connecting air pumps and tire inflation devices, featuring durable rubber construction and brass NPT fittings.

2. SAFETY INFORMATION

Always observe the following safety precautions when using the air compressor hose:

- Ensure all connections are secure before applying air pressure. Loose connections can lead to air leaks or hose detachment, causing injury.
- Do not exceed the maximum rated pressure of the hose or the connected equipment. Refer to the specifications section for pressure limits.
- Inspect the hose for cuts, abrasions, bulges, or other damage before each use. Do not use a damaged hose.
- Keep the hose away from sharp objects, extreme heat, open flames, and corrosive chemicals.
- Wear appropriate personal protective equipment (PPE), such as safety glasses, when operating air tools or inflating tires.
- Release all air pressure from the hose and connected equipment before disconnecting.
- Do not use the hose for purposes other than its intended use (air transfer).

3. PRODUCT OVERVIEW

The Tomotato Air Compressor Hose is constructed from high-quality rubber, providing flexibility and resistance to kinks and abrasions. It features brass fittings for secure and durable connections.



Image 3.1: The Tomotato Air Compressor Hose, showing its flexible black rubber tubing and brass fittings at each end, curved into a U-shape.

Key Features:

- **Material:** Strong and lightweight high-quality rubber hose with brass fittings.
- **Fittings:** One 5/16-inch male NPT fitting (compatible with tire nozzles) and one 1/4-inch NPT brass fitting.
- **Durability:** Brass fittings with anodic oxidation coating for good durability, oxidation resistance, and high scratch resistance.
- **Flexibility:** Kink-resistant and abrasion-resistant design that quickly returns to its original shape.
- **Dimensions:** Outer diameter of 10.5mm (0.413in) and an inner diameter of 5.2mm (0.205in).



Image 3.2: Detailed view of the air compressor hose, highlighting the 1/4in NPT brass fitting, the 5/16-32 male NPT fitting (tire nozzle compatible), and measurements for the outer diameter (10.5mm/0.413in) and inner diameter (5.2mm/0.205in).

4. SETUP

Follow these steps to set up your air compressor hose:

1. **Unpack:** Carefully remove the air compressor hose from its packaging.
2. **Inspect:** Visually inspect the hose and its brass fittings for any signs of damage or manufacturing defects. Do not use if damaged.
3. **Connect to Air Source:** Attach the 1/4in NPT brass fitting end of the hose to your air compressor or air pump's output port. Ensure the connection is hand-tight, then use a wrench to gently tighten it further, ensuring a leak-free seal. Do not overtighten.
4. **Connect to Device:** Attach the 5/16-inch male NPT fitting end (tire nozzle compatible) to the device you intend to inflate or power, such as a tire valve stem or an air tool.
5. **Test for Leaks:** Before full operation, apply a small amount of air pressure and check all connections for leaks using a soapy water solution. Bubbles indicate a leak.

5. OPERATING INSTRUCTIONS

Once the hose is securely connected, you can proceed with operation:

1. **Prepare Equipment:** Ensure your air compressor is turned on and set to the desired pressure, or your air pump is ready for operation.
2. **Connect to Target:** If inflating a tire, firmly press the 5/16-inch male NPT fitting onto the tire valve stem. For air tools, ensure the tool is properly attached to the hose.
3. **Apply Air:** Activate your air compressor or pump to begin air transfer. Monitor pressure gauges as needed.
4. **Monitor:** Observe the inflation process or tool operation. Avoid over-inflating tires.
5. **Disconnect:** Once finished, turn off the air compressor/pump. Release any residual pressure in the hose before carefully disconnecting the hose from the target device and then from the air source.



Air Compressor Hose

Could quickly returns to
its original shape
Prevents kinks and tangles

Image 5.1: An individual using an air hose to inflate a car tire, demonstrating a typical application for the air compressor hose.

6. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your air compressor hose:

- **Regular Inspection:** Before each use, check the entire length of the hose for any signs of wear, cuts, cracks, or bulges.

Examine the brass fittings for damage or corrosion.

- **Cleaning:** Wipe down the hose with a damp cloth to remove dirt, oil, or debris. Avoid using harsh chemicals or solvents that could degrade the rubber material.
- **Storage:** Store the hose in a cool, dry place away from direct sunlight, extreme temperatures, and sharp objects. Coil the hose loosely to prevent kinks and damage.
- **Pressure Release:** Always release air pressure from the hose before storing it.

7. TROUBLESHOOTING

This section addresses common issues you might encounter:

Problem	Possible Cause	Solution
Air Leak at Connection	Loose fitting, damaged threads, missing or worn sealant/tape.	Tighten fittings. Inspect threads for damage. Apply new thread sealant tape (PTFE tape) if necessary. Replace fitting if damaged.
Hose Kinks Easily	Improper storage, extreme cold, excessive bending.	Ensure proper coiling for storage. Allow hose to warm up in cold conditions. Avoid sharp bends during use.
Reduced Air Flow	Kink in hose, obstruction in fitting, compressor issue.	Check hose for kinks. Disconnect and inspect fittings for debris. Verify air compressor is functioning correctly.
Hose Damage (Cuts, Abrasions)	Contact with sharp objects, dragging over rough surfaces.	Discontinue use immediately. Replace the hose. Prevent future damage by careful handling and storage.

8. SPECIFICATIONS

Feature	Detail
Item Type	Air Compressor Hose
Material	Copper, Rubber
Hose Design (Fittings)	5/16-inch male NPT (tire nozzle compatible), 1/4-inch NPT brass fitting
Outer Diameter	10.5mm / 0.413in
Inner Diameter	5.2mm / 0.205in
Length (for this model)	3.28ft Tube (1 meter)
Item Weight	6.7 ounces
Model Number	Tomotatodvk0nxcgi8-12
Manufacturer	Tomotato

9. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for your Tomotato Air Compressor Hose, please refer to the documentation provided at the time of purchase or contact the manufacturer directly through their official channels. Keep your

purchase receipt as proof of purchase.

Manufacturer: Tomotato

Website: [Tomotato Store on Amazon](#)

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