

## Keepro H102007

# Keepro Hybrid Air Hose H102007 User Manual

Model: H102007

## 1. INTRODUCTION

This manual provides essential instructions for the safe and effective use, setup, operation, and maintenance of your Keepro Hybrid Air Hose. Please read this manual thoroughly before using the product and retain it for future reference.

The Keepro Hybrid Air Hose is designed for use with air compressors and pneumatic tools, offering flexibility and durability for various applications.

## 2. SAFETY INFORMATION

**WARNING: Failure to follow these safety instructions may result in serious injury or property damage.**

- Always wear appropriate personal protective equipment (PPE), including eye protection, when operating air tools and compressors.
- Ensure all connections are secure before applying air pressure.
- Do not exceed the maximum working pressure of 300 PSI.
- Inspect the hose for cuts, abrasions, or damage before each use. Do not use a damaged hose.
- Keep the hose away from sharp objects, heat sources, and corrosive chemicals.
- Release all air pressure from the hose and tools before disconnecting.
- Do not use the hose for purposes other than its intended use with compressed air.

## 3. PRODUCT OVERVIEW

The Keepro Hybrid Air Hose features a durable construction designed for demanding environments. It includes solid brass fittings for reliable connections.



Figure 1: Keeppro Hybrid Air Hose, coiled, showing the quick coupler and plug fittings.

### 3.1. Material Construction

The hose is constructed from a hybrid rubber and PVC blend, reinforced with polyester, providing flexibility and resistance to kinking, abrasion, and UV damage.

# DURABLE AND FLEXIBLE HYBRID MATERIAL

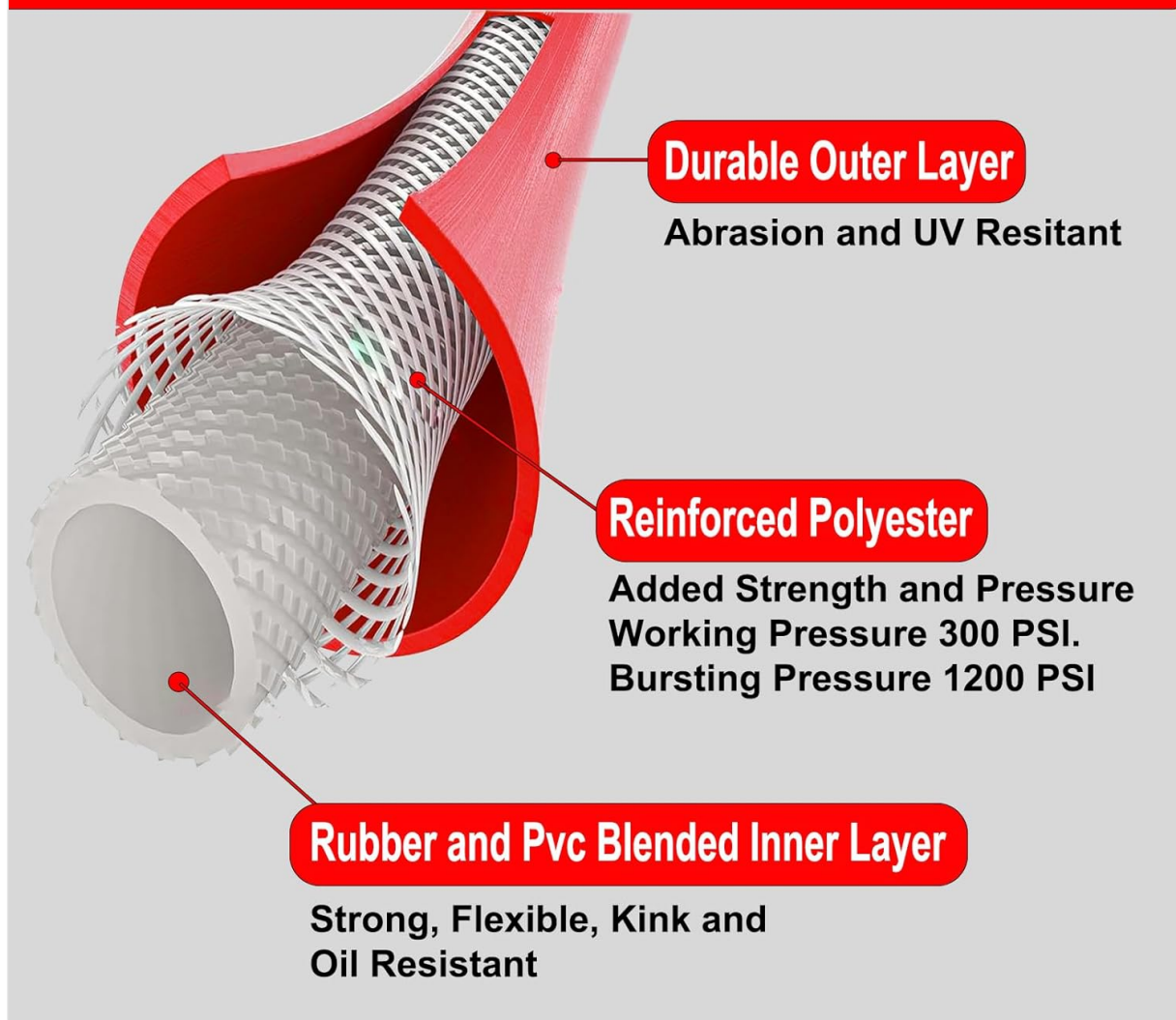


Figure 2: Diagram illustrating the internal structure of the hybrid air hose, showing the durable outer layer, reinforced polyester, and rubber/PVC blended inner layer.

## 3.2. Swivel Brass Fittings

Equipped with solid brass 1/4" industrial quick coupler and plug fittings, featuring 360-degree swivel action to prevent twisting and kinking during use.

# Both Ends Swivel Fittings

**Resistant Twist and Kinking**



Figure 3: Detailed view of the brass swivel fittings, highlighting their 360-degree rotation capability.

# Easy to Use

## Installed Solid Brass 1/4" Industrial Quick Coupler and Plug



Figure 4: Close-up of the installed solid brass 1/4" industrial quick coupler and plug, ready for connection.

### 4. SETUP INSTRUCTIONS

1. **Inspect the Hose:** Before initial use, uncoil the hose and visually inspect it for any signs of damage, such as cuts, punctures, or excessive wear. Ensure the brass fittings are securely crimped to the hose.
2. **Connect to Air Compressor:** Attach the male plug fitting of the air hose to the quick coupler outlet of your air compressor. Ensure a firm, secure connection.
3. **Connect to Air Tool:** Attach the female quick coupler end of the air hose to the male plug fitting on your pneumatic tool. Verify the connection is secure and leak-free.
4. **Check for Leaks:** With the compressor running and the tool connected (but not operating), listen and feel for any air leaks at the connection points. If leaks are detected, disconnect, inspect fittings, and re-connect.

### 5. OPERATING INSTRUCTIONS



The Keeppro Hybrid Air Hose is designed for consistent performance across a wide temperature range (-40°F to 150°F).



Figure 5: Image demonstrating the air hose's flexibility and performance in both cold (snowy) and hot (sunny) environments.

1. **Maintain Pressure:** Ensure your air compressor is set to the appropriate pressure for your pneumatic tool, not exceeding the hose's maximum 300 PSI.
2. **Tool Operation:** Operate your pneumatic tool according to its manufacturer's instructions. The hose's flexibility and swivel fittings will help prevent tangles and kinks during use.
3. **Disconnection:** Before disconnecting the hose from the compressor or tool, always shut off the air supply and bleed any remaining pressure from the system. This prevents sudden pressure release and potential injury.



Figure 6: The Keeppro air hose shown in use with a variety of pneumatic tools, including a nail gun, spray gun, air duster, and connected to an air compressor.

## 6. MAINTENANCE

- **Regular Inspection:** Periodically inspect the entire length of the hose for any signs of wear, damage, or leaks. Pay close attention to the areas near the fittings.
- **Cleaning:** Clean the hose with a damp cloth and mild soap if necessary. Avoid harsh chemicals that could degrade the material.
- **Storage:** When not in use, coil the hose neatly and store it in a cool, dry place away from direct sunlight, extreme temperatures, and sharp objects. Proper coiling helps prevent kinks and extends hose life.
- **Fitting Care:** Keep brass fittings clean and free of debris. Lubricate O-rings in quick couplers if they become stiff or leak.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Air Leak at Connection	Loose fitting, worn O-ring, damaged threads.	Tighten fitting, replace O-ring, inspect threads for damage.
Hose Kinking	Improper coiling, excessive bending, extreme cold.	Uncoil properly, avoid sharp bends, allow hose to warm up if in cold conditions.
Reduced Air Flow	Kinked hose, debris in fittings, compressor issue.	Check hose for kinks, clean fittings, verify compressor operation.

## 8. SPECIFICATIONS

Model Number	H102007
Hose Length	10 Feet
Inner Diameter (ID)	3/8 Inch
Outer Diameter (OD)	0.75 Inches
Maximum Pressure	300 PSI
Material	Hybrid Rubber and PVC, Brass Fittings
Operating Temperature	-40°F to 150°F
Color	Red
Item Weight	1.43 pounds

## 9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact Keepro customer service. Keep your purchase receipt as proof of purchase.

For further assistance, please visit the official Keepro website or contact their support team directly.