



Manuals.plus /

› Milton /

› Milton S-657-2 1/4" NPT Swivel Hose Fitting Connector with Flow Control User Manual

## Milton S-657-2

# Milton S-657-2 1/4" NPT Swivel Hose Fitting Connector with Flow Control User Manual

Model: S-657-2

## INTRODUCTION

---

This manual provides instructions for the proper installation, operation, and maintenance of the Milton S-657-2 1/4" NPT Swivel Hose Fitting Connector with Flow Control. This connector is designed to enhance flexibility and reduce hose kinking when connecting air hoses to air tools, while also offering adjustable airflow.

## SAFETY INFORMATION

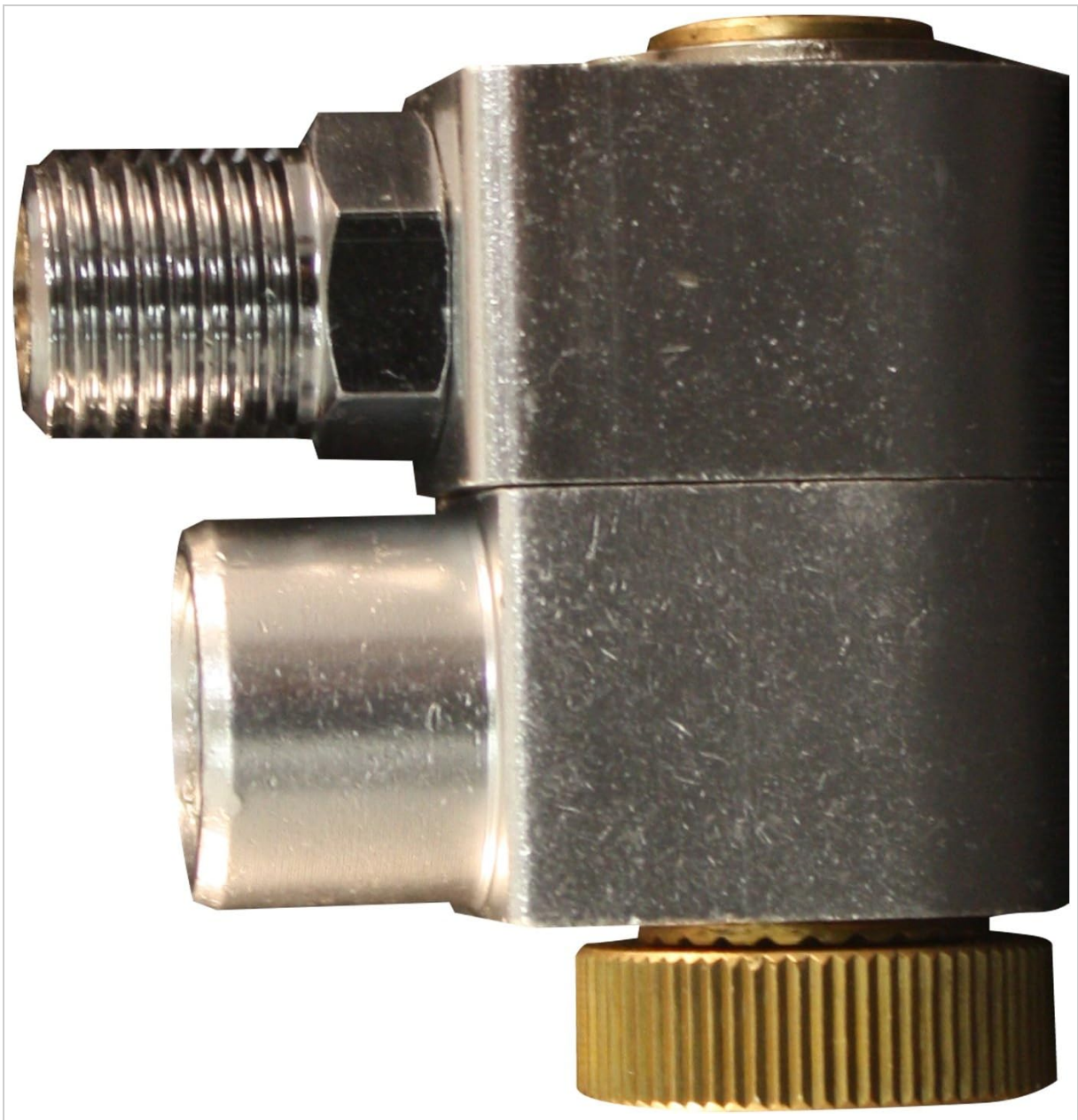
---

- Always wear appropriate personal protective equipment (PPE), including eye protection, when working with compressed air systems.
- Ensure all air lines are depressurized before connecting, disconnecting, or servicing any components.
- Do not exceed the maximum operating pressure of the fitting or any connected equipment.
- This fitting is not recommended for use with impact tools without an additional hose whip or shock hose to absorb vibrations.
- Keep hands and body clear of moving parts and pressurized air streams.
- Inspect the fitting and hose for damage before each use. Replace damaged components immediately.

## PRODUCT OVERVIEW

---

The Milton S-657-2 is a durable air hose swivel connector featuring a 1/4" NPT male thread for connection to an air tool and a 1/4" NPT female thread for connection to an air hose. It incorporates a 360-degree two-way swivel mechanism and an integrated flow control knob.



**Image 1:** The Milton S-657-2 swivel hose fitting connector. This image shows the male NPT threaded end, the female NPT receiving end, and the brass flow control knob at the bottom.

## SPECIFICATIONS

Feature	Detail
Model Number	S-657-2
Thread Size	1/4 inch NPT
Connector Type	Swivel Coupling
Swivel Capability	360-degree two-way
Material	Aluminum (Exterior Finish)
Item Weight	0.22 Pounds (approx. 3.52 ounces)
Product Dimensions	6 x 4 x 3 inches (packaging/overall)

## SETUP AND INSTALLATION

1. **Prepare Threads:** Ensure both the air tool's inlet and the air hose's end fitting threads are clean and free of debris.
2. **Apply Thread Sealant:** Apply a suitable thread sealant (e.g., PTFE tape or pipe thread compound) to the male NPT threads of the Milton S-657-2 connector. This helps prevent air leaks.
3. **Connect to Air Tool:** Thread the male NPT end of the Milton S-657-2 connector into the air inlet of your air tool. Tighten securely with a wrench, but do not overtighten, as this can damage the threads.
4. **Connect Air Hose:** Thread the air hose's female NPT end onto the female NPT end of the Milton S-657-2 connector. Tighten securely with a wrench.
5. **Check for Leaks:** Once connected, pressurize the air line and check all connections for air leaks using a soapy water solution. Bubbles indicate a leak that needs to be addressed by tightening or re-applying thread sealant.

## OPERATING INSTRUCTIONS

- **Swivel Function:** The 360-degree two-way swivel allows the air hose to rotate freely, reducing kinking and improving maneuverability of the air tool. This helps keep the hose out of the way during operation.
- **Flow Control:** The brass knurled knob at the bottom of the connector controls the airflow.
  - Turn the knob clockwise to decrease airflow.
  - Turn the knob counter-clockwise to increase airflow.

Adjust the flow control to match the requirements of your air tool and application.

## MAINTENANCE

- **Regular Inspection:** Periodically inspect the fitting for signs of wear, damage, or corrosion. Check for any looseness in the swivel mechanism.
- **Cleaning:** Keep the fitting clean and free of dirt, dust, and debris. Use a clean cloth to wipe down the exterior.
- **Lubrication:** The internal swivel mechanism is generally self-lubricating or designed for minimal maintenance. Avoid disassembling the unit unless specifically instructed by the manufacturer.
- **Storage:** Store the fitting in a clean, dry environment when not in use to prevent corrosion.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Air Leak at Connection	Improperly applied thread sealant, loose connection, damaged threads.	Depressurize, re-apply thread sealant, tighten connection, inspect threads for damage.
Restricted Airflow	Flow control knob is closed, internal obstruction.	Turn flow control knob counter-clockwise to open. Check for debris in the air line or fitting.
Swivel is Stiff or Not Rotating	Dirt/debris in swivel mechanism, lack of lubrication.	Clean exterior. If problem persists, replacement may be necessary as internal components are not typically user-serviceable.

## **WARRANTY AND SUPPORT**

---

For specific warranty information or technical support regarding your Milton S-657-2 Swivel Hose Fitting Connector, please refer to the official Milton Industries website or contact their customer service directly. Keep your purchase receipt for warranty claims.

You can visit the Milton store on Amazon for more products and information:[Milton Store](#)