

Fernco P1056-100

Fernco P1056-100 Flexible Pipe Coupling Connector Instruction Manual

Model: P1056-100

INTRODUCTION

The Fernco P1056-100 is a flexible coupling connector designed for joining pipes in sewer, drain, and plumbing systems. This adapter facilitates the connection of various pipe materials, including cast iron, plastic (Sch-40, SDR-35, ABS), steel, and copper pipes. It is engineered to provide a secure, leak-proof seal for pipes with an outer diameter ranging from 1.05 inches to 1.35 inches.

This manual provides instructions for the proper installation, maintenance, and understanding of the Fernco P1056-100 coupling to ensure optimal performance and longevity.

KEY FEATURES

- **Material:** Constructed from elastomeric polyvinyl chloride (PVC) with 300-grade stainless steel bands.
- **Durability:** Highly durable, resistant to chemicals and sewer gases.
- **Versatility:** Connects cast iron, plastic (Sch-40, SDR-35, ABS), steel, and copper pipes.
- **Pipe Size Compatibility:** Accommodates 1-inch pipes or pipes with outer diameters from 1.05" to 1.35".
- **Installation:** Designed for easy, glue-free installation in both vertical and horizontal applications.
- **Performance:** Provides a leak-proof, root-proof, and chemical-resistant seal.
- **Pressure Rating:** Maximum test pressure of 4.3 PSI.
- **Temperature Rating:** Intermittent operating temperature up to 140 degrees F (60 degrees C).
- **Compliance:** Conforms to ASTM D 5926, C 1173 and CSA B602 standards.
- **Origin:** Proudly manufactured in the United States.

COMPATIBILITY

The Fernco P1056-100 coupling is designed for connecting pipes with an outside diameter (OD) between 1.05 inches and

1.35 inches. It is suitable for the following pipe materials:

- Cast Iron
- Plastic (Schedule 40 PVC, SDR-35, ABS)
- Steel
- Copper



Image: The Fernco 1056 Series coupling is compatible with various pipe materials including Plastic (SCH. 40 PVC, ABS), Cast Iron, and Steel.

INSTALLATION INSTRUCTIONS

Follow these steps for proper installation of the Fernco P1056-100 flexible coupling connector:

1. **Prepare Pipes:** Ensure the ends of the pipes to be joined are clean, free of burrs, and properly aligned.
2. **Measure Outside Diameter:** Accurately measure the outside diameter (OD) of both pipes to confirm they fall within the coupling's specified range (1.05" - 1.35").
3. **Position Coupling:** Slide one end of the coupling fully onto one pipe. Ensure the stainless steel clamp is loose enough to allow the coupling to slide easily.
4. **Join Pipes:** Bring the second pipe into alignment with the first. Slide the coupling over the joint so that it covers an equal portion of both pipe ends. The center of the coupling should align with the joint between the two pipes.
5. **Tighten Clamps:** Using a nut driver or wrench, tighten the stainless steel clamps evenly and securely. Tighten until

the rubber gasket is compressed and a watertight seal is formed. Do not overtighten, as this can damage the coupling or the pipe.

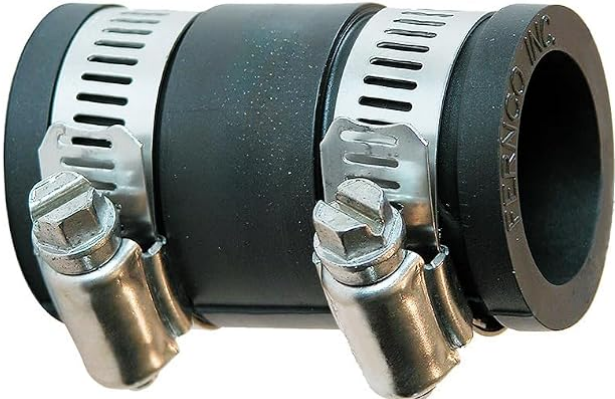
6. **Verify Seal:** After tightening, visually inspect the connection to ensure the coupling is seated correctly and the clamps are firm. If possible, perform a water test to check for leaks.



FIND THE RIGHT PIPE COUPLING

MEASURE THE
OUTSIDE DIAMETER
OF EACH PIPE

WORKS ON PIPE WITH AN OUTSIDE DIAMETER (OD)



END 1
1.1" - 1.4" OD

END 2
1.1" - 1.4" OD

1056-100

Image: Illustration demonstrating the importance of measuring the outside diameter (OD) of pipes to select the correct coupling size. The Fernco 1056-100 works on pipes with an OD between 1.1" and 1.4".



Image: Front view of the Fernco P1056-100 flexible coupling connector, highlighting the two stainless steel clamps.

MAINTENANCE

The Fernco P1056-100 coupling is designed for long-term, maintenance-free operation once properly installed. However, periodic inspection can help ensure continued performance:

- **Visual Inspection:** Periodically check the coupling for any signs of wear, cracking, or deterioration of the elastomeric material.
- **Clamp Integrity:** Ensure the stainless steel clamps remain tight and free from corrosion. If corrosion is present or clamps appear loose, they may need to be cleaned or re-tightened.
- **Leak Checks:** In critical applications, occasional checks for leaks around the coupling can be performed.

Under normal operating conditions, no specific routine maintenance is required beyond these general checks.

TROUBLESHOOTING

If you encounter issues with your Fernco P1056-100 coupling, consider the following:

- **Leaks at Connection:**
 - **Cause:** Clamps not tightened sufficiently.

- **Solution:** Re-tighten clamps evenly until a secure seal is achieved.
- **Cause:** Incorrect pipe outside diameter.
- **Solution:** Verify that the pipe OD is within the 1.05" - 1.35" range. If not, the coupling may be incompatible.
- **Cause:** Damaged coupling.
- **Solution:** Inspect the rubber for tears or cracks. Replace the coupling if damaged.

• **Difficulty Sliding Coupling:**

- **Cause:** Clamps are too tight.
- **Solution:** Loosen clamps completely before attempting to slide the coupling.
- **Cause:** Pipe ends are not clean or have burrs.
- **Solution:** Clean and deburr pipe ends.

• **Coupling Appears Distorted After Tightening:**

- **Cause:** Overtightening of clamps.
- **Solution:** Loosen clamps slightly. Ensure even tightening. Overtightening can damage the coupling.

SPECIFICATIONS

Attribute	Detail
Model Number	P1056-100
Brand	Fernco
Pipe Size Compatibility	1 inch nominal (Outer Diameter: 1.05" - 1.35")
Materials	Elastomeric Polyvinyl Chloride (PVC), 300-Grade Stainless Steel
Color	Black
Product Dimensions	2.13 x 1.75 x 2.38 inches
Item Weight	2.99 ounces (approx. 0.085 kg)
Maximum Test Pressure	4.3 PSI
Intermittent Operating Temperature	Up to 140°F (60°C)
Standards Compliance	ASTM D 5926, C 1173, CSA B602
Country of Origin	United States



Image: A detailed front view of the Fernco P1056-100 coupling, showing the elastomeric body and stainless steel clamps.



Image: A side view of the Fernco P1056-100 coupling, illustrating its cylindrical shape and clamp mechanism.

WARRANTY INFORMATION

The product information indicates a "Warranty" without specific details. For comprehensive warranty information regarding the Fernco P1056-100 flexible coupling connector, please refer to the official Fernco website or contact Fernco customer support directly. It is recommended to retain your purchase receipt for warranty claims.

Note: Proper installation according to these instructions is crucial for warranty validity.

CUSTOMER SUPPORT

For further assistance, technical questions, or support regarding the Fernco P1056-100 flexible coupling connector, please visit the official Fernco website or contact their customer service department.

Official Website: www.fernco.com

When contacting support, please have your product model number (P1056-100) and any relevant purchase information available.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question