



Manuals.plus /

› Fernco /

› Fernco P1001-88 Flexible PVC Pipe Coupling Instruction Manual

## Fernco P1001-88

# Fernco P1001-88 Flexible PVC Pipe Coupling Instruction Manual

Model: P1001-88 | Brand: Fernco

## 1. PRODUCT OVERVIEW

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The Fernco P1001-88 is a flexible PVC pipe coupling designed for connecting clay pipes in drain, waste, and vent (DWV) systems. This coupling provides a strong, leak-proof connection without the need for primers or glues. It is constructed from durable elastomeric polyvinyl chloride and features corrosion-resistant, rust-proof stainless steel clamps, ensuring longevity and resistance to chemicals and sewer gases.



Side view of the Fernco P1001-88 Flexible PVC Pipe Coupling, showing the flexible PVC body and stainless steel clamps.

## 2. IMPORTANT SAFETY INFORMATION


- Always wear appropriate personal protective equipment, including safety glasses and gloves, when working with plumbing materials and tools.
- Ensure the work area is well-ventilated.
- Consult local plumbing codes and regulations to ensure compliance before beginning any installation.

- Turn off water supply if working on a pressurized system, though this coupling is primarily for DWV.

### 3. CHOOSING THE CORRECT COUPLING (PRE-INSTALLATION)

Accurate pipe measurement is critical for a secure, leak-proof connection. This Fernco P1001-88 coupling is designed for specific pipe dimensions.


- **Measure the Outside Diameter (OD):** Before selecting or installing, carefully measure the outside diameter of both pipes you intend to connect.
- **Compatible Pipe OD Range:** This P1001-88 coupling has an internal diameter (ID) of 9.65 inches and is designed to fit pipes with an outside diameter (OD) between 9.10 inches and 9.85 inches.
- **Pipe Material:** This coupling is specifically designed for connecting clay pipes to other clay pipes.



## FIND THE RIGHT PIPE COUPLING

MEASURE THE  
**OUTSIDE DIAMETER**  
OF EACH PIPE

**WORKS ON PIPE**  
WITH AN OUTSIDE DIAMETER (OD)



**END 1**  
9.2"- 9.85" OD

**END 2**  
9.1"- 9.85" OD

**1001-88**

Illustration demonstrating the importance of measuring the outside diameter (OD) of pipes to ensure proper coupling selection.

## 4. INSTALLATION INSTRUCTIONS

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The Fernco P1001-88 coupling offers a straightforward, no-mess installation process.

### Tools Required:

- Screwdriver
- Nut Driver
- Torque Wrench (recommended for precise clamp tightening)

### Installation Steps:

1. **Prepare Pipe Ends:** Ensure the ends of both clay pipes are clean, free of debris, and have no sharp edges that could damage the coupling.
2. **Slide Coupling On:** Slide the Fernco coupling fully onto one of the pipe ends. If necessary, apply a small amount of water or approved lubricant to the inside of the coupling for easier sliding.
3. **Align Pipes:** Bring the second pipe end into alignment with the first pipe.
4. **Center Coupling:** Slide the coupling back over the joint, centering it equally over both pipe ends to ensure maximum contact and seal.
5. **Tighten Clamps:** Using a screwdriver, nut driver, or torque wrench, tighten the stainless steel clamps evenly. Tighten each clamp alternately, a little at a time, until the specified torque is reached (refer to local codes or manufacturer recommendations for specific torque values, typically found on the clamp itself or packaging). Ensure the clamps are snug and the coupling material is compressed evenly around the pipes.
6. **Inspect Connection:** Visually inspect the connection to confirm the coupling is properly seated and the clamps are uniformly tightened.



A detailed view of the Fernco P1001-88 coupling, highlighting the stainless steel clamps that secure the connection.



Vertical Installation



**APPROVED**

FOR **VERTICAL & HORIZONTAL** APPLICATIONS



Horizontal Installation

\* Please ensure compliance with local building codes by checking regulations regarding pipe strapping

This image illustrates the Fernco coupling's suitability for both vertical and horizontal pipe installations.

## 5. APPLICATION

The Fernco P1001-88 Flexible PVC Pipe Coupling is specifically engineered for:

- Connecting clay pipes to other clay pipes.
- Use in sewer, drain, waste, and vent (DWV) piping systems.
- Both vertical and horizontal applications, subject to local building codes and proper pipe support.



# 1001 SERIES

FLEXIBLE DRAIN, WASTE AND VENT PIPE COUPLING CONNECTORS



**CLAY**

## CLAY TO CLAY CONNECTION

Visual confirmation that the Fernco 1001 Series is designed for reliable clay to clay pipe connections.

### 6. MAINTENANCE

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Once properly installed, the Fernco P1001-88 Flexible PVC Pipe Coupling is generally maintenance-free. However, periodic inspection of accessible connections is recommended to ensure continued integrity:

- **Visual Inspection:** Periodically check for any signs of leaks, cracks, or deterioration of the PVC material.
- **Clamp Tightness:** In rare cases, clamps may loosen over time. If a leak is suspected, re-check the tightness of the stainless steel clamps. Do not overtighten.

### 7. TROUBLESHOOTING

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Most issues with flexible couplings relate to improper installation.

#### **Issue: Leakage at the connection point.**

- **Cause 1: Insufficient Clamp Tightness.**  
**Solution:** Ensure the stainless steel clamps are tightened evenly and to the recommended torque specifications. Avoid overtightening, which can damage the coupling or pipe.
- **Cause 2: Improper Pipe Alignment or Seating.**  
**Solution:** Disassemble the connection, ensure pipe ends are clean and properly aligned, and re-center the coupling over the joint before re-tightening.
- **Cause 3: Damaged Coupling or Pipe End.**  
**Solution:** Inspect the coupling for any cuts, tears, or deformities. Check pipe ends for cracks or chips. Replace damaged components as necessary.

- **Cause 4: Incorrect Coupling Size.**

**Solution:** Verify that the coupling's compatible OD range matches the actual outside diameter of the pipes being joined. If not, replace with the correct size coupling.

## 8. SPECIFICATIONS

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<b>Model Number</b>	P1001-88
<b>Material</b>	Polyvinyl Chloride, Stainless Steel
<b>Connector Type</b>	Coupling
<b>Internal Diameter (ID)</b>	9.65 inches
<b>Compatible Pipe Outside Diameter (OD)</b>	9.10" - 9.85"
<b>Item Dimensions (L x W x H)</b>	10.61 x 10.3 x 6 inches
<b>Item Weight</b>	3.5 Pounds
<b>Standards Conformance</b>	ASTM D 5926, C 1173 CSA B602, UPC Approved
<b>Manufacturer</b>	Fernco Inc.
<b>UPC / GTIN</b>	018578054189

## 9. WARRANTY INFORMATION

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Specific warranty details for the Fernco P1001-88 Flexible PVC Pipe Coupling are typically provided at the point of purchase or can be found on the official Fernco website. Please retain your proof of purchase for any warranty claims.

## 10. CUSTOMER SUPPORT

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For further assistance, technical questions, or additional product information, please visit the official Fernco website or contact their customer service department.

**Fernco Official Website:** Visit the Fernco Store on Amazon