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- › [CHARLOTTE PIPE & FOUNDRY CO.](#) /
- › [Charlotte Pipe & Foundry PVC DWV Street Elbow 22.5-Degree 4-Inch User Manual](#)

CHARLOTTE PIPE & FOUNDRY CO. PVC 00326 1200HA

Charlotte Pipe & Foundry PVC DWV Street Elbow User Manual

Model: **PVC 00326 1200HA**

Brand: **CHARLOTTE PIPE & FOUNDRY CO.**

1. PRODUCT OVERVIEW

This manual provides essential information for the proper installation and use of the Charlotte Pipe & Foundry PVC DWV Street Elbow. This fitting is designed for use in Drain, Waste, and Vent (DWV) systems.

The **PVC DWV Street Elbow** is a durable, corrosion-resistant fitting used to change the direction of piping in a DWV system by 22.5 degrees. Its "street" design means one end is spigot (male) and the other is hub (female), allowing it to fit directly into another fitting's hub without needing an additional coupling.



Figure 1: Charlotte Pipe & Foundry PVC DWV Street Elbow (22.5-Degree, 4-Inch). This image shows a white PVC elbow fitting with a 22.5-degree bend. One end is a spigot (male) connection, and the other is a hub (female) connection, designed for drain, waste, and vent applications.

2. SETUP AND INSTALLATION

Proper installation is crucial for the long-term performance of your DWV system. Always consult local plumbing codes and regulations before beginning any installation.

2.1. Safety Precautions

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the work area is well-ventilated when using PVC primer and cement.
- Keep all chemicals away from open flames or heat sources.

2.2. Required Tools and Materials

- PVC pipe cutter or hacksaw
- Deburring tool or sandpaper
- Measuring tape
- Marker
- PVC primer (purple or clear)
- PVC cement (medium or heavy duty)
- Clean rags

2.3. Installation Steps

1. **Measure and Cut:** Measure the required length of PVC pipe. Cut the pipe squarely using a PVC pipe cutter or hacksaw.
2. **Deburr:** Remove any burrs or rough edges from the inside and outside of the cut pipe using a deburring tool or sandpaper. This ensures proper flow and a secure connection.
3. **Dry Fit:** Temporarily fit the elbow onto the pipe and into the receiving fitting (if applicable) to ensure proper alignment and fit. Mark the pipe and fitting for alignment.
4. **Apply Primer:** Apply a liberal coat of PVC primer to the outside of the pipe end and the inside of the elbow's hub. The primer softens the PVC surface for better solvent welding.
5. **Apply Cement:** While the primer is still wet, apply a uniform, heavy coat of PVC cement to the primed pipe end and a medium coat to the primed inside of the elbow's hub.
6. **Join Components:** Immediately insert the pipe into the elbow's hub, twisting the pipe a quarter turn to distribute the cement evenly. Hold the connection firmly for at least 30 seconds to allow the cement to set.
7. **Wipe Excess:** Wipe off any excess cement from the joint with a clean rag.
8. **Cure Time:** Allow the joint to cure according to the PVC cement manufacturer's recommendations before putting the system into service. This typically ranges from 30 minutes to 24 hours depending on temperature and pipe size.

3. OPERATING CONSIDERATIONS

The Charlotte Pipe & Foundry PVC DWV Street Elbow is designed for non-pressure drain, waste, and vent applications. It is not intended for use with pressurized systems or for conveying potable water.

- Ensure proper slope for gravity drainage in DWV systems.
- Avoid exposing PVC fittings to direct sunlight for extended periods, as UV radiation can degrade the material over time.
- Do not use PVC fittings with compressed air or gas systems.

4. MAINTENANCE

PVC DWV fittings are generally maintenance-free once properly installed. However, periodic inspection of your plumbing system is recommended.

- Inspect visible joints for any signs of leaks or damage.
- Ensure that pipes are properly supported to prevent stress on fittings.
- Avoid pouring harsh chemicals or solvents down drains that could degrade PVC.

5. TROUBLESHOOTING

Most issues with PVC DWV fittings arise from improper installation.

5.1. Leaks at Joints

- **Cause:** Insufficient primer/cement, improper application, or insufficient cure time.
- **Solution:** The leaking joint must be cut out and replaced with new pipe and fittings, ensuring proper priming, cementing, and cure time.

5.2. Fitting Does Not Seat Properly

- **Cause:** Burrs on pipe end, pipe not cut squarely, or incorrect pipe size.
- **Solution:** Ensure pipe ends are deburred and cut squarely. Verify that the pipe diameter matches the fitting size (e.g., 4-inch pipe for a 4-inch fitting).

6. SPECIFICATIONS

Attribute	Value
Brand	CHARLOTTE PIPE & FOUNDRY CO.
Model Number	PVC 00326 1200HA
Material	PVC
Color	White
Connector Type	Elbow (Street)
Angle	22.5-Degree
Thread Size (Nominal)	4 inch
Item Weight	1.12 pounds
UPC	611942034246
Quantity	10 (per package)

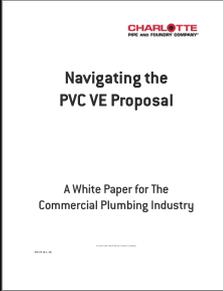
7. WARRANTY AND SUPPORT

For information regarding product warranty or technical support, please contact Charlotte Pipe & Foundry Co. directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase.

Note: This manual is for informational purposes only and does not supersede local plumbing codes or professional installation requirements.

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Related Documents - PVC 00326 1200HA

 <p>CHARLOTTE PIPE AND FOUNDRY COMPANY</p> <p>Navigating the PVC VE Proposal</p> <p>A White Paper for The Commercial Plumbing Industry</p>	<p>Navigating the PVC VE Proposal: A Guide for the Commercial Plumbing Industry</p> <p>A white paper from Charlotte Pipe and Foundry Company discussing value engineering (VE) proposals for PVC piping in the commercial plumbing industry, focusing on critical questions and potential risks compared to Cast Iron Soil Pipe.</p>
 <p>somatherm fit pipe</p> <p>SOMATHERM 15/21 MALE ELBOW COMPRESSION FITTING FOR PER Ø12 PIPE</p>  <ul style="list-style-type: none">• HIGH STRENGTH BRASS CONSTRUCTION• INTEGRATED SEALING RING FOR EASY, SIMPLE ASSEMBLY AND DISASSEMBLY• UNIVERSAL COMPATIBILITY• MEETS ALL APPLICABLE CODES AND STANDARDS	<p>Somatherm 15/21 Male Elbow Compression Fitting for PER Ø12 Pipe</p> <p>Technical data and installation guide for the Somatherm 15/21 male elbow compression fitting, compatible with PER Ø12 pipes for sanitary and heating systems. Features brass construction, easy assembly, and ACS certification.</p>
 <p>somatherm fit pipe</p> <p>SOMATHERM SUMO BRASS ELBOW FITTING FOR PE PIPE Ø25MM - 3/4" SWIVEL NUT</p>  <ul style="list-style-type: none">• HIGH STRENGTH BRASS CONSTRUCTION• INTEGRATED SEALING RING FOR EASY, SIMPLE ASSEMBLY AND DISASSEMBLY• UNIVERSAL COMPATIBILITY• MEETS ALL APPLICABLE CODES AND STANDARDS	<p>Somatherm SUMO Brass Elbow Fitting for PE Pipe Ø25mm - 3/4" Swivel Nut</p> <p>Details of the Somatherm SUMO brass elbow fitting for 25mm PE pipes, featuring easy installation, optimal sealing, high resistance, and ACS certification. Includes technical specifications, applications, and installation guidelines.</p>
 <p>somatherm fit pipe</p> <p>SOMATHERM STRAIGHT COMPRESSION FITTING 3/4" EK FEMALE 3/4" - MODEL 3810-20-275</p>  <ul style="list-style-type: none">• HIGH STRENGTH BRASS CONSTRUCTION• INTEGRATED SEALING RING FOR EASY, SIMPLE ASSEMBLY AND DISASSEMBLY• UNIVERSAL COMPATIBILITY• MEETS ALL APPLICABLE CODES AND STANDARDS	<p>Somatherm Straight Compression Fitting 3/4" EK Female 3/4" - Model 3810-20-275</p> <p>Detailed information on the Somatherm 3810-20-275 straight compression fitting, featuring nickel-plated brass, universal compatibility with copper, PER, and multilayer pipes, easy installation, and integrated sealing. Suitable for sanitary and heating systems.</p>



[Somatherm Multilayer Male Elbow Fitting Ø16 - 15/21 \(1/2"\) | AYOR](#)

Technical specifications and installation guide for the Somatherm multilayer male elbow fitting (Ø16 - 15/21). Features CW617N brass, stainless steel, NF 545 compliance, and multi-profile sertissage. Suitable for sanitary and heating applications.



[Christy's Solvent Cements: Set and Cure Time Specifications](#)

Comprehensive guide to Christy's™ solvent cement set and cure times, including initial set times, joint cure schedules, and coverage rates for various pipe sizes and conditions. Features information on Red Hot Blue Glue® and Low VOC formulations.