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SharkBite UXLG03

SharkBite UXLG03 1-1/4 to 2 Inch Depth Gauge and Pipe Deburring Tool Instruction Manual

Model: UXLG03

1. PRODUCT OVERVIEW

The SharkBite UXLG03 Depth Gauge and Pipe Deburring Tool is an essential accessory for preparing pipes for SharkBite push-to-connect fittings. This tool serves two primary functions: accurately marking the required insertion depth on the pipe and deburring the pipe's outer edge to ensure a smooth, secure connection.

This specific model is designed for pipes with diameters ranging from **1-1/4 inches to 2 inches**. It is compatible with various pipe materials, including copper, PEX, CPVC, PE-RT, and HDPE.



Image 1: The SharkBite UXLG03 Depth Gauge and Pipe Deburring Tool, showing its orange plastic construction and multiple pipe size openings.

2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE), such as safety glasses, when working with pipes and tools.
- Ensure the pipe is free of pressure and drained before cutting or deburring.
- Handle cut pipe edges with care as they may be sharp.
- Keep the tool clean and free of debris to ensure proper function.

3. SETUP AND PREPARATION

Before using the SharkBite UXLG03 tool, ensure your pipe is properly cut and ready for deburring and depth marking.

1. **Cut the Pipe:** Use a suitable pipe cutter to make a clean, square cut on the pipe. A square cut is crucial for a proper seal with SharkBite fittings.
2. **Identify Correct Opening:** The UXLG03 tool features multiple openings, each marked with a specific pipe diameter (1-1/4", 1-1/2", 2"). Select the opening that matches the diameter of your pipe.



Deburr & Gauge Tool 1-1/4 in. - 2 in. Orange



Mark proper insertion depth for SharkBite Universal fittings, as well as deburr pipe with a simple rotation of the tool once the pipe is inserted

Image 2: The SharkBite tool illustrating the various pipe size openings and the concept of marking the proper insertion depth for fittings.

4. OPERATING INSTRUCTIONS

Follow these steps to deburr your pipe and mark the insertion depth:

1. **Insert Pipe:** Gently insert the freshly cut end of the pipe into the corresponding size opening on the SharkBite UXLG03 tool. Push the pipe until it firmly contacts the internal stop.
2. **Deburr the Pipe:** While the pipe is inserted, rotate the tool around the pipe several times. The internal blades of the tool will remove any burrs or sharp edges from the outside diameter of the pipe. This step is critical to prevent damage to the O-ring inside the SharkBite fitting.
3. **Mark Insertion Depth:** The tool is designed with a shoulder that indicates the precise insertion depth required for SharkBite fittings. Use a permanent marker to draw a line around the pipe at this shoulder. This mark will serve as a visual guide to ensure the pipe is fully inserted into the fitting.
4. **Remove Pipe:** Once deburred and marked, remove the pipe from the tool. The pipe is now ready for connection with a SharkBite fitting.



Versatile

Compatible with PEX, copper, CPVC, PE-RT and HDPE pipe



Durable

Lightweight and durable plastic construction



Deburr

Used to deburr the outside of copper pipe to remove any sharp sections or burrs

Image 3: Close-up view of the tool, emphasizing its versatile compatibility with various pipe types, durable plastic construction, and effective deburring capability.

Tip for Tight Spaces: The UXLG03 tool's design allows for rotation, which can be beneficial when working in confined areas, making the deburring and marking process easier and faster.

Deburr & Gauge Tool



- ✓ Ideal for working in tight spaces - can be rotated for easier and faster installation.



Image 4: The tool positioned to demonstrate its rotatable design, which aids in usability within restricted work environments.

5. MAINTENANCE

- **Cleaning:** After each use, wipe the tool clean of any pipe shavings or debris. A dry cloth is usually sufficient.
- **Storage:** Store the tool in a dry place, away from direct sunlight and extreme temperatures, to prolong its lifespan.
- **Inspection:** Periodically inspect the internal deburring blades for wear. While designed for durability, excessive wear may reduce effectiveness.

6. TROUBLESHOOTING

- **Pipe not deburring effectively:**
 - Ensure the correct size opening is being used for the pipe diameter.
 - Rotate the tool firmly and consistently around the pipe.
 - Check for excessive wear on the internal deburring blades.

- **Difficulty inserting pipe into the tool:**
 - Verify the pipe is cut squarely and free of major deformities.
 - Confirm the correct size opening is selected.
- **Marking line is unclear:**
 - Use a fine-tipped permanent marker for best results.
 - Ensure the pipe is clean and dry where the mark is applied.

7. SPECIFICATIONS

Model Number	UXLG03
Brand	SharkBite
Compatible Pipe Sizes	1-1/4 inch, 1-1/2 inch, 2 inch
Compatible Pipe Materials	Copper, PEX, CPVC, PE-RT, HDPE
Material	Durable Plastic (Orange)
Item Weight	3.52 ounces
Product Dimensions	10 x 10 x 2 inches

8. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the official SharkBite website or contact their customer service directly. Product registration may be available and is recommended.

Manufacturer: Cash Acme

UPC: 697285030527