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## Flange Wizard WW-16

# Flange Wizard WW-16 Small Wrap Instruction Manual

Model: WW-16 | Brand: Flange Wizard

## INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of the Flange Wizard WW-16 Small Wrap. Designed for precision marking on pipes, this tool is essential for pipefitters, welders, and fabricators. Please read this manual thoroughly before using the product to ensure proper operation and to maximize its lifespan.

## PRODUCT OVERVIEW

The Flange Wizard WW-16 Small Wrap is a durable, flexible pipe wrap designed for marking straight lines around pipes and for establishing angles. It measures 30 inches in length and 2-5/8 inches in width, suitable for pipes ranging from 1 inch to 6 inches in diameter. This product is manufactured in the USA, ensuring high quality and reliability.



*Figure 1: Flange Wizard WW-16 Small Wrap.* This image displays two units of the Flange Wizard WW-16 Small Wrap. Each wrap is a flexible, grey material, rolled up, with clear white markings indicating measurements for pipe diameters from 1 inch to 6 inches. The text 'Small WIZARD WRAP for 1" to 6" pipe MADE IN THE U.S.A.' is visible on the surface of the wraps. A small American flag icon with 'MADE IN THE USA' text is also present in the bottom right corner.

## SETUP

The Flange Wizard WW-16 Small Wrap requires minimal setup. Ensure the pipe surface is clean and free of debris, rust, or oil to allow for accurate marking and proper adhesion of the wrap during use.

1. **Inspect the Wrap:** Before each use, visually inspect the wrap for any signs of damage, tears, or excessive wear. A damaged wrap may lead to inaccurate markings.
2. **Clean the Pipe Surface:** Use a wire brush or cloth to remove any loose scale, dirt, or grease from the area of the pipe where the wrap will be applied.

## OPERATING INSTRUCTIONS

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Follow these steps for accurate marking using the Flange Wizard WW-16 Small Wrap:

1. **Position the Wrap:** Place the wrap around the pipe at the desired location for your mark. Ensure the edges of the wrap overlap evenly.
2. **Align for Straight Lines:** For a straight line around the pipe, align the edges of the wrap precisely where they meet. The wrap's inherent stiffness will help maintain a straight line.
3. **Marking:** Use a suitable marking tool (e.g., soapstone, silver streak pencil, or marker) to trace along the edge of the wrap. Apply consistent pressure to ensure a clear and visible line.
4. **Establishing Angles:** The wrap can also be used to establish angles. By adjusting the overlap and angle of the wrap, you can create various angular lines on the pipe surface. Practice on scrap material to achieve desired angles.
5. **Remove the Wrap:** Carefully unwrap the tool from the pipe once marking is complete.

**Important:** Do not use the wrap on hot pipes that have just been welded or torch cut, as this may damage the material of the wrap.

## MAINTENANCE

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Proper maintenance will extend the life of your Flange Wizard WW-16 Small Wrap:

- **Cleaning:** After each use, wipe down the wrap with a dry cloth to remove any marking residue or dirt. For stubborn marks, a damp cloth with mild soap can be used, followed by thorough drying.
- **Storage:** Store the wrap rolled up in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid storing it in a manner that could cause it to bend or crease permanently.
- **Avoid Harsh Chemicals:** Do not use strong solvents or abrasive cleaners, as these can degrade the material of the wrap.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Inaccurate markings	Wrap not tightly secured or misaligned; pipe surface not clean.	Ensure wrap is snug and edges are perfectly aligned. Clean pipe surface thoroughly before marking.
Wrap appears brittle or cracked	Exposure to excessive heat or prolonged improper storage.	Avoid using on hot surfaces. Store in a cool, dry place. Replace if severely damaged.
Marking tool not leaving clear lines	Incorrect marking tool or insufficient pressure.	Use a suitable marking tool (e.g., soapstone, silver streak pencil). Apply firm, consistent pressure.

## SPECIFICATIONS

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**Model:** WW-16

**Brand:** Flange Wizard

**Dimensions:** 30 inches (Length) x 2-5/8 inches (Width)

**Pipe Diameter Range:** 1 inch to 6 inches

**Material:** Flexible, durable composite (specific material not detailed by manufacturer, but described as "more like rubber" in reviews, implying a non-brittle material)

**Item Weight:** 8.8 ounces

**Package Dimensions:** 6.42 x 4.96 x 2.48 inches

**Manufacturing Origin:** Made in the USA

**Date First Available:** January 13, 2017

## WARRANTY AND SUPPORT

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For specific warranty information or technical support regarding your Flange Wizard WW-16 Small Wrap, please refer to the manufacturer's official website or contact their customer service directly. Contact details are typically available on the product packaging or the Flange Wizard official website.

*Note: This manual does not constitute a warranty. Warranty terms and conditions are subject to change by the manufacturer.*