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Oatey 14052

Oatey Master Flash Roof Flashing Installation Manual

Model: 14052

INTRODUCTION

The Oatey Master Flash Roof Flashing is engineered for use with various profiled roofing materials, providing a reliable seal on diverse roofing surfaces and pitches. Its pliable EPDM construction ensures durability, resisting cracking and breaking. This design accommodates roof movement, including vibration, pipe expansion/contraction, and snow-load shifts. The EPDM material is specifically compounded for maximum resistance to weathering, ozone, and ultraviolet light, ensuring long-term performance.



Image: Front view of the Oatey Master Flash Roof Flashing, showcasing its conical EPDM boot and square metal base.

INSTALLATION INSTRUCTIONS

Proper installation is crucial for the effective sealing and longevity of your Oatey Master Flash Roof

Flashing. Follow these steps carefully:

1. **Prepare the Pipe:** Ensure the pipe is clean and free of burrs or sharp edges. Chamfering the pipe end is recommended to prevent damage to the flashing during installation.

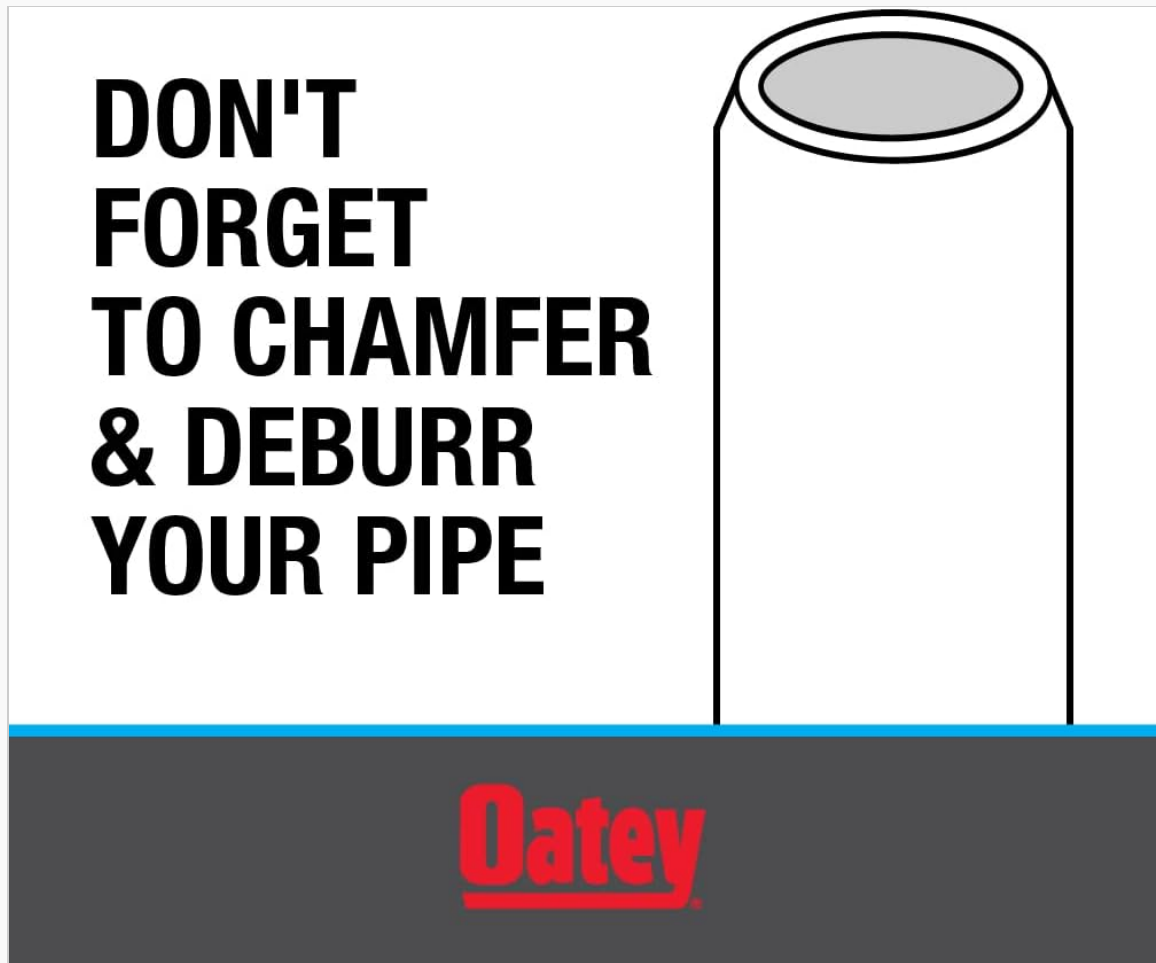


Image: A diagram emphasizing the importance of chamfering and deburring the pipe before flashing installation.

2. **Determine Pipe Diameter:** The Master Flash is designed for pipes ranging from 1/4 inch to 4 inches in diameter. Identify the correct diameter for your pipe.

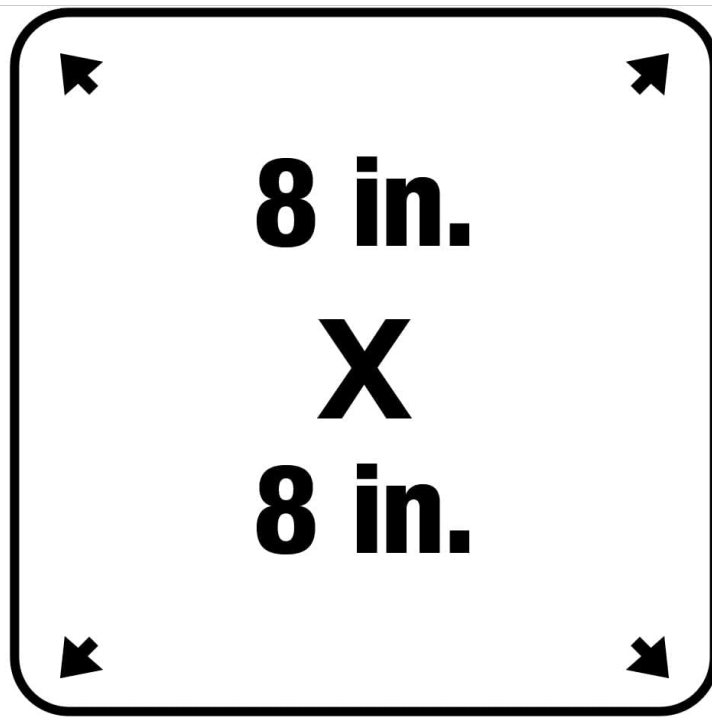
FITS
1/4 in. – 4 in.



PIPE DIAMETER

Image: A diagram illustrating the compatible pipe diameter range (1/4 inch to 4 inches) for the flashing.

3. **Cut the Flashing:** Carefully cut the EPDM collar of the flashing to match the pipe's outer diameter. Cut slightly smaller than the pipe diameter to ensure a snug, watertight fit.
4. **Slide Over Pipe:** Apply a non-petroleum-based sealant (such as silicone) to the inside of the flashing collar and the pipe. Carefully slide the flashing down over the pipe until the base rests on the roofing surface. The flashing accommodates roof pitches up to 45 degrees.
5. **Position the Base:** The 8 inch x 8 inch base is designed to conform to various roofing profiles. Position it to ensure full contact with the roof surface around the pipe. The base is pliable and can be molded as needed.



BASE SIZE

Image: A diagram indicating the 8 inch by 8 inch base size of the flashing.

- 6. Apply Sealant to Base:** Apply a continuous bead of silicone sealant or butyl tape underneath the entire perimeter of the flashing base where it meets the roof surface.
- 7. Secure the Base:** Secure the flashing base to the roof using sheet metal screws or appropriate roofing screws with grommets. Space screws approximately every 3 inches around the perimeter. Some bases may have pre-drill marks on the underside for guidance.



Image: An Oatey Master Flash Roof Flashing securely installed on a corrugated metal roof, fastened with screws around its perimeter.

8. **Final Seal:** Apply additional sealant over the heads of all screws and around the top edge of the flashing collar where it meets the pipe to ensure a complete watertight seal.

Important Considerations:

- This flashing is approved for Type B installations.
- Not suitable for hot-mopped or built-up roofs.
- Ensure all surfaces are clean and dry before applying sealants.

OPERATION

Once properly installed, the Oatey Master Flash Roof Flashing operates passively to provide a watertight seal around roof penetrations. Its flexible EPDM collar allows for pipe movement due to thermal expansion, contraction, and structural shifts without compromising the seal.

MAINTENANCE

The Oatey Master Flash Roof Flashing is designed for minimal maintenance due to its durable EPDM construction, which is resistant to weathering, ozone, and UV light. However, periodic inspection is recommended:

- **Annual Inspection:** Annually inspect the flashing for any signs of wear, cracking, or sealant degradation.
- **Sealant Integrity:** Check the integrity of the sealant around the base and the pipe. Reapply sealant if any gaps or cracks are observed.
- **Physical Damage:** Look for any physical damage to the EPDM collar or the metal base. While designed to be pliable, extreme impacts could cause damage.

TROUBLESHOOTING

If you observe leaks around the pipe penetration after installation, consider the following:

- **Inadequate Sealant:** Ensure sufficient sealant was applied both under the base and around the pipe collar. Reapply sealant generously, ensuring full coverage.
- **Improper Cut:** The collar may have been cut too large, preventing a snug fit. While difficult to correct post-installation, a generous application of sealant around the pipe can sometimes mitigate this.
- **Loose Fasteners:** Check that all screws securing the base are tight. Tighten any loose screws and apply sealant over them.
- **Pipe Burrs:** Sharp edges on the pipe could have damaged the EPDM collar during installation. Inspect the collar for tears. If damaged, the flashing may need replacement.

SPECIFICATIONS

Feature	Detail
Model Number	14052
Brand	Oatey
Base Size	8 inches x 8 inches
Pipe Diameter Range	1/4 inch to 4 inches
Material (Collar)	EPDM Rubber
Material (Base)	Aluminum
Color	Black
Item Dimensions (L x W x H)	6 x 8 x 1.5 inches
Item Weight	3.17 ounces (0.09 Kilograms)
Continuous Temperature Resistance	Up to 212°F
Intermittent Temperature Resistance	Up to 275°F
UPC	038753140520

WARRANTY INFORMATION

There is no specific warranty description provided for this product.

SUPPORT

For additional information, product inquiries, or support, please visit the official Oatey store or contact Oatey customer service directly.

[Visit the Oatey Store](#)