

Metal Roof Flashings

Installation Instructions

MATERIALS NEEDED:

- Metal roof flashing
- Scissors or knife for cutting flashings
- Marker
- Appropriate screws or fasteners
- Sealant (high-temperature silicone recommended)
- Drill with appropriate bit for screws or fasteners

INSTALLATION STEPS:

1. Prepare the vent pipe:

- Ensure that the vent pipe is properly installed and securely strapped to the structure, extending through the roof.
- Make sure the end of the vent pipe is properly terminated and free of any burrs or debris.

2. Measure the pipe diameter

- Find nominal sizing

3. Cut the flashing

- Cut the flashing where indicated for the relevant pipe size. Boot or cone should fit snug around pipe to prevent water from entering.

4. Place the flashing over pipe

- Water can be used as a lubricant to slide the flashing over the pipe.
- If the flashing is a square base, place the flashing in a diamond pattern to promote water run off if roof is pitched.
- If retrofit model, wrap around pipe then use integrated clamp.

5. Form the flashing around the roof corrugations

- Press firmly to form a proper seal.

6. Outline base of flashing with marker

7. Apply sealant:

- Invert the flashing by pulling up enough to access the roof where you will apply sealant
- Apply a bead of sealant around the inside the marked surface.

8. Press the flashing onto sealant:

- If retrofit model, using pliers to secure the clamp gradually from bottom to top.
- Slide flashing back down and firmly press into the contours of the roof panel

9. Secure the flashing to roof:

- Fasten flashing to surface with self-tapping or self drilling screws.
- Fasteners should be 1" – 1-1/2" around the entire base for a tight, secure fit

10. Inspect the Installation:

- Once everything is installed, carefully inspect to ensure that the base is securely attached and properly sealed.
- Check for any gaps or areas where sealant may be needed, and apply additional sealant, as necessary.
- If desired, an additional bead of sealant can be used along the perimeter of the base and where the pipe meets the boot.

Note: If your metal roof is equal to or less than 10/12 pitch, round or square flashings are acceptable to use. For a roof with a pitch of 10/12 to 12/12 only a square flashing should be used. Using a round flashing on a roof with that steep pitch can result in a poor seal, allowing water to seep in.

Improper installation will void the warranty listed at www.ipscorp.com/terms-and-conditions.

DO NOT USE petroleum based sealant on any pipe boot from IPS. Ensure sealant used is compatible with EPDM and/or Silicone.

Following these steps should result in a properly installed metal roof flashing, providing effective venting while also protecting against water intrusion and weather damage.



1. Prepare the vent pipe



2. Measure pipe diameter



3. Cut the flashing



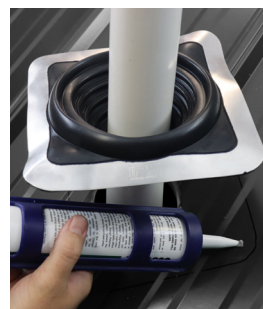
4. Place the flashing over pipe



5. Form the flashing



6. Outline the base with marker



7. Apply sealant



8. Press flashing onto sealant



9. Secure flashing with screws



10. Inspect the installation