

FlashCo's®

## Conical Flashings



### Conical Penetration and Protrusion Flashing

Trade Names: Roof Flashing, Pipe Flashing, Pipe Boot, Solar Flashing, Roof Jack, Plumbers Flashing, Plumbers Boot, Pipe Vent Flashing



#### Description

Conical Pipe Penetration Flashings are fabricated using a variety of materials. FlashCo constructs standard conical boots or flashings using 60 mil unreinforced and reinforced TPO and PVC single ply membrane and from various metals such as 4 pound Lead, 16 ounce Copper, 26 gauge Zinc and 24 gauge Galvanized Steel.

#### Intended Uses

Conical flashings are used for pipe penetrations such as plumbing vents and for protrusions such as solar stanchions. The standard conical flashing is cut to size in the field as opposed to the custom conical, it is made to drawing. Flashings are used to “flash” or waterproof penetrations and protrusions on roofs effectively *tying* the flashing into the roofing system.

Commonly used on a low sloped roof but used on steep slope where protrusion is on a 90 degree angle such as a solar stanchion. Caulking and a stainless steel hose clamp can be used to counter flash or a separate counter flashing is used such as a storm collar.

#### Features and Benefits

Prefabricated conical flashings save the contractor time in the field and eliminate the need to field fabricate. A factory fabricated part is of higher quality because it is fabricated in a controlled environment and has a warranty. Conical shaped flashings allow the contractor to quickly tally the number of flashings required without needing to measure and count each size as necessary with cylindrical flashings. Conical flashings are ideal for two primary reasons; 1) the contractor can cut to size in the field achieving multiple sizes in a range of diameters with one flashing, and 2) a cone, by virtue of its shape, has a larger diameter at the bottom allowing it to fit over objects such as solar supports or fastening plates.

#### Application

Installation of conical flashings shall be installed in accordance with the recommendations and specifications of the roofing material manufacturer or architect. The conical shaped flashings that FlashCo fabricates are typically for TPO, PVC, and Built up Roofing systems and for solar stanchions on low slope and steep slope systems.

#### Storage and Packaging

Store material in a dry area away from sources of physical damage and chemical contamination. Standard Single-Ply boots are typically packaged in plastic bags and boxed. Metal flashings are usually packaged loose on a pallet or in a crate.

#### Typical Properties and Characteristics

Material Type	Nominal Thickness	Thickness Inches	Weight/ Sq. Foot
TPO	60 mil	.060"	.25 lbs.
PVC	60 mil	.060"	.25 lbs.
Lead	4 Pound	.063"	4 lbs
Copper	16 Ounce	.022"	1 lb
Zinc	26 Gauge	.019"	.77 lbs
Galv G90	26 Gauge	.022"	.91 lbs
Galv G90	24 Gauge	.028"	1.16