



Rounded w/Rib & Flare I-Shields

DESCRIPTION

An INSULATION COMPONENTS Rounded w/Rib & Flare I-Shield is a 180 degree rounded piece of galvanized coated steel used to protect piping insulation from compressing at pipe hanger locations. IC Rounded w/Rib & Flare I-Shields come with flared edges and ribs machined into each part. The flared edges help the I-Shield from cutting into the pipe insulation which damages the vapor barrier. The 180° Ribs aid in the alignment of the I-Shield. They ensure the I-Shield is placed directly below the hanger and help to alleviate the I-Shield slipping out of place with pipe movement. The Rounded edge prevents the I-Shield from cutting into the vapor barrier. It is suggested that wood or fiberglass I-Blocks be used along with the I-Shield to guarantee the proper support. (See the IC Wood or Fiberglass I-Block Product Data Sheets)



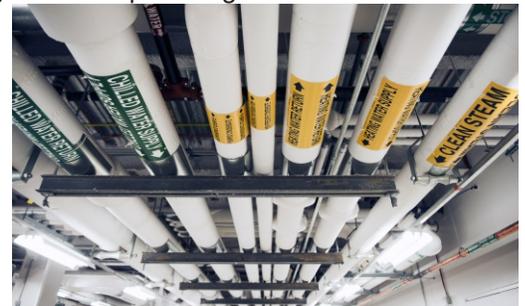
Rounded Edge I-Shield Features:
w/ Rib & Flare, Flared & No Flare (Straight)

FEATURES

- Rounded Edge - To prevent corner of I-Shield from cutting into vapor barrier during installation. Adds ease to separating I-Shields and removing them from the package.
- Flared Edge - To prevent the I-Shield from cutting into pipe insulation when applying and to add structural strength
- Ribs - To help secure I-Shield in place over the hanger and to alleviate the I-Shield slipping out of place with pipe movement. They also add structural strength.
- Each I-Shield marked with its outside diameter measurement - along with IC charts this guarantees the proper size I-Shield is used.
- Heavy Duty Packaging with clear labeling - Improved, stronger packaging with label providing detailed information on diameter, gauge, length, and pieces per carton.

APPLICATIONS

INSULATION COMPONENTS I-Shields are made for use on plumbing and HVAC mechanical piping systems with temperatures ranging from -120 to +500 degrees F. IC I-Shields are ideal for use on medium and low compressive strength pipe insulation and insulation that has a vapor barrier which is either field or factory applied. Such insulation includes but is not limited to: rubber, polyethylene, fiberglass, urethane, styrofoam and calcium silicate.



NOTE:

When applied with the correct wood I-Block (See the IC Wood or Fiberglass I-Block Product Data Sheets) IC I-Shields are made to withstand 5 PSI compressive strength on a maximum span of 10 linear feet.

RECOMMENDED INSTALLATION INSTRUCTIONS

Begin by lifting the appropriately sized IC I-Shield upward towards the insulated pipe to just outside the hanger location. Proceed by sliding the I-Shield underneath the hanger until the hanger is in the middle of the I-Shield.

ENGINEERING GUIDE SPECIFICATION

WHEREVER PIPE INSULATION PASSES THROUGH A HANGER LOCATION, THE IC GALVANIZED STEEL I-SHIELD SHALL BE INSTALLED. ALSO EACH I-SHIELD SHALL BE MARKED BY THE O.D. OF THE PIPE

