**DESCRIPTION**
An INSULATION COMPONENTS I-Shield is a 180 degree piece of galvanized coated steel used to protect piping insulation from compressing at pipe hanger locations. IC 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 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. It is suggested that wood or fiberglass I-Blocks be used along with I-Shields to guarantee the proper support. (See the IC Wood or Fiberglass I-Block Product Data Sheets)

**FEATURES**
- 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 is 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 or fiberglass 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 INSULATION.