

# INSULATED PIPE SHIELDS

## Submittal / Data Sheet

(October 21, 2010)

### PRODUCT DESCRIPTION:

Insulated Pipe Shields are pipe supports manufactured from calcium silicate insulation and encased in galvanized sheet metal. They offer the benefit of insulation along with high compressive strength, giving each pipe support crush resistant insulation at the supports of tubing and piping. Insulated Pipe Shields are constructed of a 360 degree insert of calcium silicate encased in 360 degree sheet metal. Shield length matches length of insulation on hot, cold and dual temp models.

### APPLICATIONS:

A water repellant is used on both cold and dual temp models to protect insulation against condensation. Insulated Pipe Shields can be used on hot or cold piping systems where crush resistant insulation is required at pipe supports. Insulated Pipe Shields can be used on systems ranging from + 40 degrees F to + 1200 degrees F. Where pipe supports exceed 10 feet, it is recommended to use two layers of metal on bottom for additional support.

### PRODUCT DATA:

Shield-Galvanized Sheet Metal ASTM A527

Insulation-Calcium Silicate ASTM C795, C533 Type 1

### SPECIFICATIONS:

14.4 LB per Cubic Foot	ASTM C302
65 PSI Flexural Strength	ASTM C203
100 PSI Compressive Strength	ASTM C165
0 Flame 0 Smoke	E84
1200 degree F Maximum Surface Temperature	ASTM C144



### NOTE:

When using Insulated Pipe Shields on cold piping systems, extra care should be taken to prevent condensation. Calcium Silicate deteriorates when exposed to moisture and could result in product failure. Even though we use water repellant, care should be taken to make sure insulation butts up to shields and vapor barrier tape is used to seal laps 100% to prevent condensation. The insulation contractor is responsible for vapor seal on cold systems.

Please contact us for more information:

**Insulated Pipe Shields**

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