

DATA SHEET

The GLT Saddle is a 180 degree rounded piece of galvanized coated steel used to protect piping insulation from compressing at pipe hanger locations. We recommend that wood blocks be used along with the saddle to guarantee the proper support. (see GLT Wood Blocks product data sheet).

Features

- **Galvanized Finish** - For superior rust proof protection
- **Individually Marked** - With insulation outside diameter to ensure proper fit
- **Easy Installation** - No ribs or flares to get hung up on hangers
- **No Gaps** - Flush to the pipe insulation to prevent mold and mildew
- **Individually Inspected** - To maintain quality

Applications

- GLT Saddles are made for use on plumbing and HVAC mechanical piping systems with temperatures ranging from -120°F to +500°F.
- GLT Saddles are ideal for use on medium and low compressive strength pipe insulations and insulations which have a vapor barrier which is either field or factory applied. Such insulations include but are not limited to: rubber, polyethylene, fiberglass, urethane, Styrofoam and calcium silicate.

Engineering Guide Specification

WHEREVER PIPE INSULATION PASSES THROUGH A HANGER LOCATION, THE GLT GALVANIZED STEEL SADDLE SHALL BE INSTALLED. ALSO, EACH SADDLE SHALL BE MARKED BY THE O.D. OF THE PIPE INSULATION.



Materials

GLT Saddles are manufactured from steel consisting of Iron, Carbon, Manganese, Phosphorous, Aluminum, Zinc, Titanium and Columbium. These materials are combined to form a sheet of steel which is then coated with a galvanized finish. GLT Stainless Steel saddles are made from Type 304 stainless steel.

Installation Instructions

Begin by lifting the appropriately sized GLT Saddle upwards towards the insulated pipe to just outside the hanger location. Proceed by sliding the saddle underneath the hanger until the hanger is in the middle of the saddle.

NOTE: When applied with the correct wood block (see GLT Wood Block Product Data Sheet), the Saddles are made to withstand 5 PSI compressive strength on a maximum span of 10 linear feet.

Saddle Sizing Tables

| Iron Pipe Size (inches) | Insulation Thickness (inches) | | | | | |
|----------------------------|-------------------------------|----|----|----|----|----|
| | ½ | 1 | 1½ | 2 | 2½ | 3 |
| ½ | 2 | 3 | 4 | 5 | 6½ | 7½ |
| ¾ | 2½ | 3 | 4 | 5 | 6½ | 7½ |
| 1 | 2½ | 3½ | 4½ | 5½ | 6½ | 7½ |
| 1¼ | 3 | 3½ | 5 | 5½ | 6½ | 7½ |
| 1½ | 3 | 4 | 5 | 5½ | 6½ | 7½ |
| 2 | 3½ | 4½ | 5½ | 6½ | 7½ | 8½ |
| 2½ | 4 | 5 | 6½ | 7½ | 8½ | 9½ |
| 3 | 4½ | 5½ | 6½ | 7½ | 8½ | 9½ |
| 3½ | 5 | 6½ | 7½ | 8½ | 9½ | 11 |
| 4 | 5½ | 6½ | 7½ | 8½ | 9½ | 11 |
| 5 | 6½ | 7½ | 8½ | 9½ | 11 | 12 |
| 6 | 7½ | 8½ | 9½ | 11 | 12 | 13 |
| 8 | 9½ | 11 | 12 | 13 | 14 | 15 |
| 10 | — | 13 | 14 | 15 | 16 | 17 |
| 12 | — | 15 | 16 | 17 | 18 | 19 |
| 14 | — | 16 | 17 | 18 | 19 | 20 |
| 16 | — | 18 | 19 | 20 | 21 | 22 |
| 18 | — | 20 | 21 | 22 | 23 | 24 |

| Copper Tube Size (inches) | Insulation Thickness (inches) | | | | | |
|------------------------------|-------------------------------|----|----|----|----|----|
| | ½ | ¾ | 1 | 1½ | 2 | 2½ |
| ⅝ | 2 | 2 | 3 | 3½ | 4½ | — |
| ⅞ | 2 | 2 | 3 | 3½ | 4½ | — |
| 1⅛ | 2½ | 2½ | 3 | 4 | 5 | — |
| 1⅜ | 2½ | 3 | 3½ | 4½ | 5½ | — |
| 1⅝ | 3 | 3 | 3½ | 4½ | 5½ | — |
| 2⅛ | 3½ | 3½ | 4 | 5 | 6 | 7½ |
| 2⅝ | 4 | 4 | 4½ | 5½ | 6½ | 7½ |
| 3⅛ | 4½ | 4½ | 5 | 6 | 7½ | 8½ |
| 3⅝ | 5 | 5 | 5½ | 6½ | 7½ | 8½ |
| 4⅛ | 5½ | 5½ | 6 | 7 | 8½ | 9½ |
| 5⅛ | 6½ | 7 | 7½ | 8½ | 9½ | 11 |

Sizes Available

| Product | Insulation O.D. Size (inches) | Gauges | Lengths (inches) |
|--------------------|-------------------------------------|--------|---------------------|
| | Galvanized Steel | | |
| Stainless Steel | 2-15 | 20 | 8, 12, 15, 18 |
| | 4-40 | 18 | 12, 15, 18, 24 |
| Stainless Steel | 4-24 | 16 | 12, 15, 18, 24 |
| | 2-14 | 20 | 12, 15, 18, 24 |
| Stainless Steel | 4-24 | 18 | 12, 15, 18, 24 |

Ordering/Inventory Dimensions and Weights

| Saddle O.D. (inches) | Saddle Length (inches) | Gauge | Weight per Saddle (lbs.) |
|----------------------------|------------------------------|-------|-----------------------------|
| 2 | 12 | 22 | .31 |
| 2½ | 12 | 22 | .39 |
| 3 | 12 | 22 | .46 |
| 3½ | 12 | 22 | .54 |
| 4 | 12 | 22 | .62 |
| 4½ | 12 | 22 | .70 |
| 5 | 12 | 22 | .77 |
| 5½ | 12 | 22 | .85 |
| 6 | 12 | 20 | 1.15 |
| 6½ | 12 | 20 | 1.25 |
| 7 | 12 | 20 | 1.35 |
| 7½ | 12 | 20 | 1.44 |
| 8 | 12 | 20 | 1.54 |
| 8½ | 12 | 20 | 1.63 |
| 9 | 12 | 20 | 1.73 |
| 9½ | 12 | 20 | 1.83 |
| 10 | 12 | 20 | 1.92 |
| 10½ | 12 | 20 | 2.02 |
| 11 | 12 | 20 | 2.11 |
| 11½ | 12 | 20 | 2.21 |
| 12 | 12 | 20 | 2.31 |

Subject to price change and availability

For more information on GLT Products, please call toll-free at 800.874.1748 or online at www.gltproducts.com.



Innovative Insulation Systems

HEADQUARTERS:

6810 Cochran Road | Solon OH 44139 | 440.914.1122 | 440.914.1133 Fax | **1.800.874.1748**

DISTRIBUTION CENTERS:

Ohio: 6810 Cochran Road | Solon OH 44139 | 440.914.1122

North Carolina: 501 West Camel Street | Greensboro, NC 27401 | 1.800.551.9760

California: 4283 Pock Lane #200 | Stockton, CA 95206 | 1.800.833.4500

Texas: 8905 Market Street | Houston, TX 77029 | 1.800.874.1748