## Mechanical Pipe Shields Mfg.

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### **INSULATED PIPE SUPPORTS**

SNAPPITZ

PVC – Urethane self locking pipe support system

| FRONT VIEW SI          |                      | SIDE VIEW                        | CLAMP SIZE    |       |       |        |       |        | Insulation<br>&<br>Jacketing<br>Length |    |
|------------------------|----------------------|----------------------------------|---------------|-------|-------|--------|-------|--------|--|----|
| Copper<br>Pipe<br>Size | Iron<br>Pipe<br>Size | Iron Pipe<br>Outside<br>Diameter |               | 1/2"  | 1"    | 1 1/2" | 2"    | 2 1/2" | 4"                                     | 6" |
| 3/4                    | 1/2"                 | .840                             | Insulation OD | 1.900 | 2.875 | 4.000  | 5.000 | -      | 4                                      | -  |
| 1                      | 3/4"                 | 1.050                            |               | 2.375 | 2.875 | 4.000  | 5.000 | -      | 4                                      | -  |
| 1 1/4                  | 1"                   | 1.315                            |               | 2.375 | 3.500 | 4.500  | 5.563 | -      | 4                                      | -  |
| 1 1/2                  | 1 1/4"               | 1.660                            |               | 2.875 | 3.500 | 5.000  | 5.563 | -      | 4                                      | -  |
| 2                      | 1 1/2"               | 1.900                            |               | 2.875 | 4.000 | 5.000  | 6.625 | -      | 4                                      | -  |
| 2 1/2                  | 2"                   | 2.375                            |               | 3.500 | 4.500 | 5.563  | 6.625 | 7.625  | 4                                      | -  |
| 3                      | 2 1/2"               | 2.875                            |               | 4.000 | 5.000 | 6.625  | 7.625 | 8.625  |  | 6  |
|                        | 3"                   | 3.500                            | nsı           | 4.500 | 5.563 | 6.625  | 7.625 | 8.625  |  | 6  |
|                        | 3 1/2"               | 4.000                            | -             | 5.000 | 6.625 | 7.625  | 8.625 | 9.625  |  | 6  |
| 4                      | 4"                   | 4.500                            |               | 5.563 | 6.625 | 7.625  | 8.625 | 9.625  |  | 6  |
|                        | 4 1/2"               | 5.000                            |               | 6.625 | 7.625 | 8.625  | 9.625 | 10.750 |  | 6  |
|                        | 5"                   | 5.563                            |               | 6.625 | 7.625 | 8.625  | 9.625 | 10.750 |  | 6  |

Up to  $2 \frac{1}{2}$  " pipe, Trymer has adequate compressive strength to meet the requirements of weight bearing loads at the hanger point. Insul-phen is used to accommodate the compression for the larger diameter piping system.

PVC pipe has the following smoke & flame characteristics when tested in accordance with ASTM E84-05:

#### Flame spread classification: 5 Smoke developed classification: 30

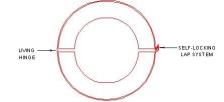
Standard size is 4" of insulation and jacketing for pipes  $\frac{1}{2}$ " - 2". 6" jacketing & insulation is used for pipes 2  $\frac{1}{2}$ " - 6".

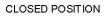
Trymer 2000 - Urethane has the following characteristics:

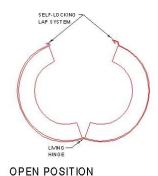
- Compressive Strength = 24 p.s.i. average
- Flexural Strength = 44 p.s.i. average
- K Factor = .190 @ 75 degree F aged 180 days
- Working Temperature Range = -297 degree F to +300 degree F
- Trymer 2000 insulation is used for 1/2 inch wall thickness insulation inserts

#### Insul-Phen - Phenolic Foam has the following characteristics:

- Compressive Strength = 3.75 54 p.s.i. average
- K Factor = .16 @ 250 degree F—aged 7 days
- Working Temperature Range = -290° F to =250°F







# MECHANICAL PIPE SHIELDS MFG.

Anaconda, MT

# *SNAPPITZ* INSULATED PIPE SUPPORTS Patent Pending

# **DESCRIPTION:**

SNAPPITZ are a revolutionary pipe support constructed of a self locking PVC jacket. The insulation varies from Trymer Urethane or Insul-phen and are adhered inside a 360° PVC jacket. Snappitz are a user friendly product and are cleaner & more user friendly than calcium silicate.

# **ADVANTAGES:**

- Faster to install. With the SnappItz patented jacketing system, they can be installed in seconds.
- Snappitz are lightweight, saving shipping costs.
- Snappitz are aesthetically better as they correspond with the ASJ jacketing of the fiberglass covering.
- 100% waterproof.
- Tight sealing J-lock is a vapor barrier and does not require tape.
- Eliminates installing a separate shield.
- Allows the mechanical contractor to adjust the hanger point only once for proper pitch of pipe.
- Eliminates the insulator from raising or lowering insulation system.
- Snappitz insulated pipe supports have a consistent outside diameter that does not vary, do the Unistrut clamp fits the OD every time.

## **USES:**

- Cold Water
- Air
- Dual Temperature
- Hot Water
- Chilled Water Heating
- Clean Room Application
- Process Piping

Please visit us at our website: www.snappitz.com