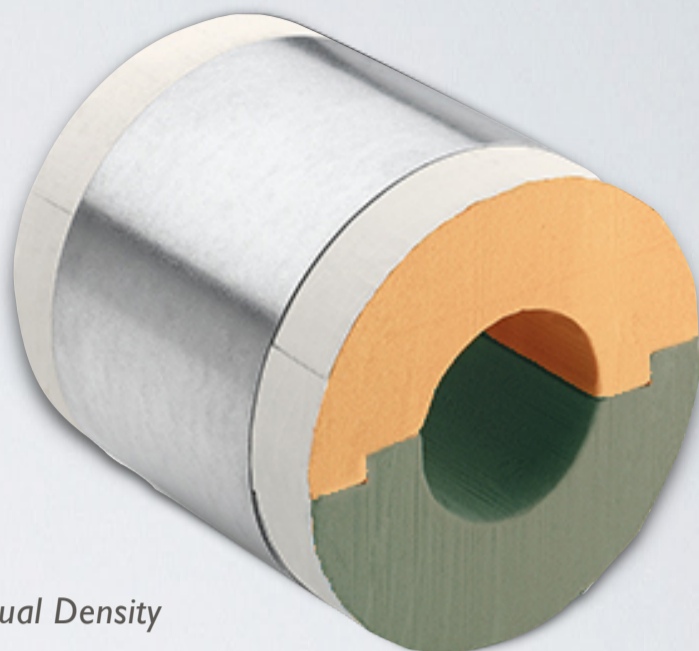


F-2000 Phenolic Foam Insulated Pipe Support

Product

- F-2000 Phenolic Foam Insulated Pipe Support is fabricated from closed cell, fire and moisture resistant rigid thermal insulation.
- F-2000 features a factory adhered vapor retarder to be used for below ambient temperature process piping.
- The pipe insulation is covered with a 360-degree galvanized steel shield with the insulation and vapor retarder extending 2" beyond the metal.
- Low thermal conductivity provides superior insulating performance for mechanical piping systems operating between 0°F and 220°F.
- See current Therma-Phen™ data sheet for full physical property and compliance listings.



Features

- Therma-Phen™ phenolic foam is a cost-effective choice that provides excellent thermal protection and enhanced fire resistance compared to other insulations such as XPS, PIR or cellular glass.
- Meets 25/50 flame spread/smoke developed requirements for use within commercial building return air plenums.
- Phenolic Foam Inserts may utilize higher dual density bottom sections at load point.
- 5/8" to 2.5" pipe = 3 PCF nominal (45+ psi)
- 3 1/8" to 6" pipe = 5 PCF nominal (85+ psi)
- 8" to 12" pipe = 7 PCF nominal (135+ psi)
- Jacket roll formed from G90 galvanized steel per ASTM A-527

Benefits

- High compressive strength thermoset phenolic foam does not crush easily compared to low compressive strength insulations.
- Phenolic foam is less dusty, light weight and fabricates easily with hand tools.
- The curved metal shield on the entire circumference of the insert allows for installation with any type of structural hanger including clevis hangers or strut clamps.
- Finished OEM product arrives to jobsite fully assembled and ready to install at the pipe hanger locations.
- Buy American Act Certified

Applications

- F-2000 Phenolic Foam Insulated Pipe Supports are commonly used on chilled water, domestic cold, domestic hot, hot water heating, rain water leaders, condensate drains and HVAC refrigeration piping in commercial buildings.
- Meets the compressive strength requirement of MSS SP-58 as a "high strength insert" allowing for reduced lengths and metal shield gauge through pipe hangers.
- Insulated pipe supports are more labor effective compared to the traditional method of the insulator lowering the clevis hanger, field notching the fiberglass pipe cover and then installing a wood or high density fiberglass block and curved metal shield at each structural pipe hanger.
- The most labor effective workflow involves the mechanical contractor installing pre-insulated 360 degree pipe supports at each structural hanger or clamp during the pipe installation process set at the correct elevations.

Safety

- Therma-Phen™ does not contain asbestos
- CFC/HCFC free with zero ozone depletion potential (ODP)
- Thermoset plastic resistant to many common chemicals
- Non-fibrous or itchy, odorless and low dust
- Insulating cold piping will prevent surface condensation, dripping and subsequent water related slip, trip and falls.
- Maintains installed thickness without crushing to provide long term insulating performance.
- Supports the cladding to provide continuous protection against crushing, moisture infiltration, loss of insulation performance and the resultant potential for corrosion under insulation (CUI).

| Iron Pipe Size | Max Load (lbs.) | | A = Insulation Length | | | | | | B = Gauge of Steel Jacket | | | | | | Copper Tubing Size |
|----------------|-----------------|---------------|-----------------------|----|----------|----|--------------|----|---------------------------|----|--------------|----|----------|----|--------------------|
| | Flat Surface | Clevis Hanger | 1/2" thick | | 1" thick | | 1 1/2" thick | | 2" thick | | 2 1/2" thick | | 3" thick | | |
| | | | A | B | A | B | A | B | A | B | A | B | A | B | |
| 3/8 | 40 | 40 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 5/8 |
| 1/2 | 40 | 40 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 7/8 |
| 3/4 | 40 | 45 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 1 1/8 |
| 1 | 55 | 65 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 1 3/8 |
| 1 1/4 | 70 | 80 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 1 5/8 |
| 1 1/2 | 90 | 100 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | XX |
| 2 | 110 | 125 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 2 1/8 |
| 2 1/2 | 125 | 180 | 6 | 18 | 6 | 18 | 6 | 18 | 6 | 18 | 6 | 18 | 6 | 18 | 2 5/8 |
| 3 | 150 | 225 | 6 | 18 | 6 | 18 | 6 | 18 | 6 | 18 | 6 | 18 | 6 | 18 | 3 1/8 |
| 3 1/2 | 200 | 300 | 6 | 18 | 6 | 18 | 6 | 18 | 6 | 18 | 6 | 18 | 6 | 18 | XX |
| 4 | 250 | 300 | 6 | 16 | 6 | 16 | 6 | 16 | 6 | 16 | 6 | 16 | 6 | 16 | 4 1/8 |
| 5 | See F-3000 | 490 | — | — | 6 | 16 | 6 | 16 | 6 | 16 | 6 | 16 | 6 | 16 | XX |
| 6 | | 600 | — | — | 6 | 16 | 6 | 16 | 6 | 16 | 6 | 16 | 6 | 16 | 6 1/8 |
| 8 | | 750 | — | — | 6 | 16 | 6 | 16 | 6 | 16 | 6 | 16 | 6 | 16 | XX |
| 10 | | 875 | — | — | 9 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | XX |
| 12 | | 1000 | — | — | 9 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | XX |

| Full Box Quantities: F-2000 Phenolic Foam | | | | |
|---|----------------|--------------|------------------|--------------|
| Pipe Size | 1/2" thickness | 1" thickness | 1 1/2" thickness | 2" thickness |
| 5/8" | 32 | 32 | 18 | 10 |
| 1/2" | 22 | 28 | 14 | 27 |
| 3/4" | 18 | 28 | 14 | 27 |
| 1" | 40 | 20 | 10 | 18 |
| 1 1/4" | 32 | 20 | 27 | 18 |
| 1 1/2" | 28 | 14 | 27 | 15 |
| 2 1/8" | 28 | 14 | 27 | 15 |
| 2" | 20 | 12 | 21 | 15 |
| 2 5/8" | 18 | 12 | 21 | 15 |
| 2 1/2" | 14 | 27 | 15 | 12 |
| 3 1/8" | 14 | 27 | 15 | 12 |
| 3' | 10 | 18 | 15 | 12 |
| 4 1/8" | 27 | 15 | 12 | 6 |
| 4" | 18 | 15 | 12 | 6 |
| 5" | 12 | 12 | 6 | 6 |
| 6 1/8" | 12 | 6 | 6 | 6 |
| 6" | 12 | 6 | 6 | 6 |
| 8" | 4 | 4 | 4 | 4 |
| 10" | 2 | 4 | 2 | 2 |