



## 125 INSULATION SHIELD, 12" SHIELD

### CATALOG NUMBER

**1251200EG**



### FEATURES

Distributes load of pipe evenly to eliminate or reduce insulation compression, and risk of crushing at the hanger point

Conforms with Federal Specification WW-H-171 (Type 41), Manufacturers Standardization Society ANSI®/MSS SP58 (Type 40)

### PRODUCT ATTRIBUTES

Material: Steel

Finish: Pregalvanized

Shield Size: 12"

Outer Diameter: 12 3/4"

Length: 24"

Thickness: 14 GA

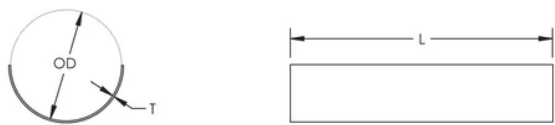
### ADDITIONAL PRODUCT DETAILS

Install in accordance with applicable code.

| Insulation Shield Sizing Chart for Iron Pipe |                      |        |        |        |     |        |     |        |     |
|----------------------------------------------|----------------------|--------|--------|--------|-----|--------|-----|--------|-----|
| Nominal Iron Pipe Size                       | Insulation Thickness |        |        |        |     |        |     |        |     |
|                                              | 1/2"                 | 3/4"   | 1"     | 1 1/2" | 2"  | 2 1/2" | 3"  | 3 1/2" | 4"  |
| 1/2"                                         | 2"                   | 2"     | 2 1/2" | 3 1/2" | 5"  | 6"     | 8"  | -      | -   |
| 3/4"                                         | 2"                   | 2 1/2" | 2 1/2" | 3 1/2" | 5"  | 6"     | 8"  | -      | -   |
| 1"                                           | 2"                   | 2 1/2" | 3"     | 4"     | 5"  | 6"     | 8"  | -      | -   |
| 1 1/4"                                       | 2 1/2"               | 3"     | 3"     | 5"     | 5"  | 6"     | 8"  | -      | -   |
| 1 1/2"                                       | 2 1/2"               | 3"     | 3 1/2" | 5"     | 6"  | 8"     | 8"  | -      | -   |
| 2"                                           | 3"                   | 3 1/2" | 4"     | 5"     | 6"  | 8"     | 8"  | 10"    | -   |
| 2 1/2"                                       | 3 1/2"               | 4"     | 5"     | 6"     | 8"  | 8"     | 10" | 10"    | -   |
| 3"                                           | 4"                   | 5"     | 5"     | 8"     | 8"  | 10"    | 10" | 10"    | 12" |
| 3 1/2"                                       | 5"                   | 5"     | 6"     | 8"     | 8"  | 10"    | 10" | 12"    | 12" |
| 4"                                           | 5"                   | 6"     | 6"     | 8"     | 8"  | 10"    | 10" | 12"    | 12" |
| 5"                                           | 6"                   | 8"     | 8"     | 8"     | 10" | 10"    | 12" | 12"    | -   |
| 6"                                           | 8"                   | 8"     | 8"     | 10"    | 10" | 12"    | 12" | -      | -   |
| 8"                                           | 10"                  | 10"    | 10"    | 12"    | 12" | -      | -   | -      | -   |
| 10"                                          | 12"                  | 12"    | 12"    | -      | -   | -      | -   | -      | -   |

| Insulation Shield Sizing Chart for Copper Tubing |                      |        |        |        |
|--------------------------------------------------|----------------------|--------|--------|--------|
| Nominal Copper Tube Size                         | Insulation Thickness |        |        |        |
|                                                  | 1/2"                 | 3/4"   | 1"     | 1 1/2" |
| 1/2"                                             | 1 1/2"               | 1 1/2" | 2 1/2" | 3 1/2" |
| 3/4"                                             | 2"                   | 2"     | 2 1/2" | 3 1/2" |
| 7/8"                                             | 2"                   | 2 1/2" | 3"     | 3 1/2" |
| 1"                                               | 2"                   | 2 1/2" | 3"     | 3 1/2" |
| 1 1/4"                                           | 2"                   | 2 1/2" | 3"     | 4"     |
| 1 1/2"                                           | 2 1/2"               | 3"     | 3 1/2" | 5"     |
| 2"                                               | 3"                   | 3 1/2" | 4"     | 5"     |
| 2 1/2"                                           | 3 1/2"               | 4"     | 4"     | 5"     |
| 3"                                               | 4"                   | 5"     | 5"     | 6"     |
| 3 1/2"                                           | 5"                   | 5"     | 6"     | 6"     |
| 4"                                               | 5"                   | 5"     | 8"     | 8"     |
| 5"                                               | 6"                   | 6"     | 8"     | 8"     |
| 6"                                               | 8"                   | 8"     | 10"    | 10"    |

DIAGRAMS



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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