



# MS-995 Carrier Pipe Markers

## Technical Data



### Description

MS-995 Carrier Pipe Marker is a strap-on type pipe marker consisting of a mechanically applied MS-995 pipe label and two slotted nylon feet. The MS-995 strap-on pipe markers may be used in all applications of piping from 3/4" and greater in outside diameter including insulation. A Type 316 stainless steel banding, either coated or uncoated is recommended.

These carriers are of a universal design, with full length slots on the reverse side to allow for a wide variety of attachment points. The small and large nylon feet are interchangeable depending upon the pipe diameter and client preference.

Flow direction can be indicated by a separate arrow overlay label of the same material, applied to the carrier when the marker is installed. The MS-1000™ clear top laminate on the carrier label functions as an ultra-violet filter, providing maximum protection against fading due to prolonged exposure to direct sunlight. This also provides excellent resistance to hydrocarbons, acids, bases, and most solvents. The curved shape reduces the direct constant UV exposure to sunlight and helps readability. These carrier assemblies have been designed and tested to withstand up to 150 mph sustained wind velocity for one hour, when installed as recommended.

MS-995 Carrier Pipe Markers are designed to meet ASME A13.1-2023 "Scheme for the Identification of Piping Systems" with regard to color field and text height.

### Physical and Chemical Characteristics

|                                     |  |
|-------------------------------------|--|
| <b>Base Material:</b>               | Carrier: Thick co-extruded material   Label: Polyester w/ UV resistant coating |
| <b>Material Thickness:</b>          | Carrier: .100" (2.54mm)   Label: .003" (.076 mm)                               |
| <b>Service Temperature:</b>         | -40°F to 200°F (-40°C to 94°C)   |
| <b>Application Temperature:</b>     | n/a  |
| <b>Chemical Resistance:</b>         | Excellent  |
| <b>Water Resistance:</b>            | Excellent  |
| <b>Expected Outdoor Durability:</b> | Excellent (5+ Years)   |
| <b>Storage Durability:</b>          | Up to 2 Years  |
| <b>Abrasion Resistance:</b>         | Very Good  |
| <b>Mounting:</b>                    | Stainless Steel Strapping  |
| <b>Finish:</b>                      | Gloss Surface  |
| <b>Text Height:</b>                 | Designed to meet ANSI & ASME Standards (See below)                             |
| <b>Typical Sizes:</b>               | Designed to meet ANSI & ASME Standards (See below)                             |
| <b>Standard Colors:</b>             | Designed to meet ANSI & ASME Standards (See chart)                             |
| <b>Options:</b>                     | Custom Sizes Available   |
| <b>Chemical Table</b>               | n/a  |

Information on physical and chemical characteristics is based on tests we believe to be reliable. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material for their specific application.

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### Marker Sizes & Style

**MSI PART# 995MBJ**

**Piping OD 3/4" to 2-1/4"**

Pipe label for this pipe size range shall be MS-995 style MBJ. Style MBJ marker consists of a 1.5" x 9" label and .75" text with arrow (if applicable) mechanically applied to a 2.2" x 10" curved carrier, each carrier includes two slotted nylon feet for installation. All MS-995 Style MBJ pipe labels are to be installed with two coated or uncoated stainless-steel straps, one strap on each foot.

**MSI PART# 995MBF**

**Piping OD 2-1/2" to 7-7/8"**

Pipe label for this pipe size range shall be MS-995 style MBF. Pipe labels consist of a 2.25" x 16" label and 1-1/4" text with arrow (if applicable) mechanically applied to a 3.5" x 17" curved carrier, each carrier includes two slotted nylon feet for installation. All MS-995 Style MBF pipe labels are to be installed with two coated or uncoated stainless-steel straps, one strap on each foot.

**MSI PART# 995MB**

**Piping OD 8" & Greater**

Pipe label for this size range shall be MS-995 style MB. MS-995 Style MB pipe labels consist of a 4" x 32" label and 3-1/2" text with arrow (if applicable) mechanically applied to a 5" x 33" curved carrier, each carrier includes two slotted nylon feet for installation. All MS-995 Style MB pipe labels are to be installed with two coated or uncoated stainless steel straps, one strap on each foot.

### Designation of Colors (ASME A13.1-2023 & ANSI Z535-2017)

| Designation of Colors — ASME A13.1-2023 & ANSI Z535-2017 Standards |                      |        |
|--|----------------------|--------|
| Classification   | Color Scheme         |        |
| <b>Defined Applications</b>  |                      |        |
| Firefighting   | White text on red    | Sample |
| Toxic or corrosive   | Black text on orange | Sample |
| Flammable, combustible, or oxidizing                               | Black text on yellow | Sample |
| Steam; or steam condensate, boiler feedwater, or other hot water   | Black text on gray   | Sample |
| Potable, cooling, or other cold or tepid water                     | White text on green  | Sample |
| Compressed air   | White text on blue   | Sample |
| <b>Undefined Applications</b>                                      |                      |        |
| Defined by user  | White text on purple | Sample |
| Defined by user  | Black text on white  | Sample |
| Defined by user  | White text on brown  | Sample |
| Defined by user  | White text on black  | Sample |

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