



MS-995 Carrier CO2 Pipe Markers

Technical Data



Description

MS-995 Carrier CO2 Pipe Markers are 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. The foot assembly may be strapped to the pipe prior to attaching the carrier or the carrier assembly may be strapped as a unit to the pipe, allowing for maximum installation flexibility.

Flow direction is indicated by a provided separate arrow overlay label of the same material, applied to the carrier when the marker is installed. The UV Overlaminates on the carrier label provides maximum protection against fading due to prolonged exposure to direct sunlight. This also provides excellent resistance to hydrocarbons, acids, and bases. The curved shape reduces the direct constant UV exposure to sunlight and helps longevity and 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.



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Physical and Chemical Characteristics

Base Material:	Carrier: Thick co-extruded material / Label: Polyester w/UV resistant coating
Material Thickness:	Carrier: 0.100" (2.54mm) Label: 0.003" (.076 mm)
Service Temperature:	-40°F to 200°F (-40°C to 94°C)
Application Temperature:	n/a
Chemical Resistance:	Excellent
Water Resistance:	Excellent
Expected Outdoor Durability:	Excellent (7+ Years)
Storage Durability:	Up to 2 Years
Abrasion Resistance:	Very Good
Mounting:	Stainless Steel Strapping
Finish:	Gloss Surface
Text Height:	Designed to meet IIAR 2-2021 / ASME A13.1 (See Chart)
Typical Sizes:	Designed to meet IIAR 2-2021 / ASME A13.1 (See Chart)
Standard Colors:	Designed to meet IIAR 2-2021 / ASME A13.1 (See Chart)
Options:	n/a
Chemical Table:	Acid Resistance: Good Alkalis Resistance: Good Salts Resistance: Good

Marker Sizes and Styles

Pipe Diameter (including insulation)	Marker Style	Carrier Size	Label Height
3/4" – 1-7/8"	MJ	2-1/4" x 10"	1-1/2" x 9"
2" – 7"	MF	3-1/2" x 17"	2-1/2" x 16"
Greater than 7"	M	5" x 33"	4-1/2" x 32"

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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