



MS-995 COILED PIPE MARKERS

Technical Data

Description

MS-995 Coiled Pipe Markers are designed to identify piping in chemically harsh plant environments. The markers are constructed of a layer of polyester film and a layer of protective film, which are laminated together to form a single construction. The printed graphics are between the two layers of film to protect them from the effects of the environment. Legends can include pipe origin and destination, line number, and bar codes in addition to pipe contents. The protective top layer provides the maximum in ultraviolet protection against sun fading and other outdoor effects.

Markers are applied by wrapping completely around the pipe. The wraparound markers are sealed in place with an adhesive sealing strip. As installed, material is self-extinguishing when exposed to open flames per UL-94HB test method. Wind tunnel tested to 150 mph sustained winds.

MS-995 Coiled Pipe Markers are designed to meet ASME A13.1-2023 "Scheme for the Identification of Piping Systems".

Physical and Chemical Characteristics

Base Material:	Polyester w/ Protective Top Layer
Material Thickness:	.006" (.152 mm)
Service Temperature:	-40°F to +250°F (-40°C to 121°C)
Application Temperature:	+50°F (10°C)
Chemical Resistance:	Excellent
Water Resistance:	Excellent
Expected Outdoor Durability:	Excellent (5+ Years) Tested to ASTM D 7869
Storage Durability:	Up to 2 Years
Abrasion Resistance:	Very Good
Mounting:	Adhesive Sealing Strip
Finish:	Gloss Surface
Text Height:	Designed to meet ANSI & ASME Standards (See chart)
Typical Sizes:	Designed to meet ANSI & ASME Standards (See chart)
Standard Colors:	Designed to meet ANSI & ASME Standards (See chart)
Options:	Custom Sizes Available
Chemical Table	n/a





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Marker Sizes

Outside Pipe Diameter (Including insulation)	Marker Length	Letter Height	Style
3/8" – 1/2"	3"	1/4"	TM
1/2" – 1"	8"	1/2"	A
1-1/8" – 2-1/4"	8"	3/4"	B
2-1/2" – 4-3/4"	12"	1-1/4"	D
5" – 7-7/8"	12"	1-1/4"	E
8" – 10"	12"	1-1/4"	J*
11" – 12"	12"	1-1/4"	K*
13" – 15"	12"	1-1/4"	L*
16" – 18"	12"	1-1/4"	N*
8 and Over	32"	3-1/2"	MB (Carrier)

*Style J, K, L & N do not meet ANSI/ASME Standards for size of text or color field

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

Designation of Colors — ASME A13.1-2023 & ANSI Z535-2017 Standards		
Classification	Color Scheme	
Defined Applications		
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
Undefined Applications		
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

*See Standards at www.markserv.com for ASME (ANSI) A13.1 1996 spec colors *Custom color combinations (background/text) are available

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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Designation of Colors — ASME A13.1-2015 & ANSI Z535-2017 Standards		
Classification	Color Scheme	
Defined Applications		
Fire quenching liquids	White text on red	Sample
Toxic and corrosive fluids	Black text on orange	Sample
Flammable fluids	Black text on yellow	Sample
Combustible fluids	White text on brown	Sample
Potable, cooling, boiler feed and other water	White text on green	Sample
Compressed air	White text on blue	Sample
Undefined Applications		
Defined by user	White text on purple	Sample
Defined by user	Black text on white	Sample
Defined by user	White text on gray	Sample
Defined by user	White text on black	Sample

Designation of Colors — ANSI/ASME A13.1-1996 Standards		
Classification	Color Scheme	
Materials Inherently Hazardous		
Flammable or Explosive, Chemically Active or Toxic, Extreme Temperature or Pressures, Radioactive	Black text on yellow	Sample
Materials Inherently Low Hazard		
Liquid or Liquid Admixture (non-hazardous materials)	White text on green	Sample
Gas or Gaseous Admixture (non-hazardous materials)	White text on blue	Sample
Fire Quenching Materials		
Water, Foam, CO2, Halon, etc.	White text on red	Sample