



MS-970 Coiled Pipe Markers

Technical Data



Description

MS-970 Coiled Pipe Markers are designed to identify piping in a wide variety of indoor environments. They stay in place on pipes due to the memory of the coiling process and therefore, do not rely on a pressure-sensitive adhesive. No preparation of the pipe surface is required for application, so installation time is reduced compared to conventional stick-on marker systems.

All MS-970 Pipe Markers are manufactured using material which has been independently tested and meets the requirements of UL-94 classification V-0 for self-extinguishing materials.

Complies with ASME A13.1 standard for pipe identification with regard to color, letter height and marker size. Custom color combinations are also available.

Physical and Chemical Characteristics

Base Material:	Premium-grade Thermoplastic
Material Thickness:	0.017" (0.43 mm) 0.012" (0.30 mm)
Service Temperature:	40°F to 160°F (4°C to 71°C)
Application Temperature:	+50°F (10°C)
Chemical Resistance:	Excellent
Water Resistance:	Excellent
Expected Outdoor Durability	Indoor Use Only
Storage Durability:	Up to 2 Years
Abrasion Resistance:	Excellent
Mounting:	Adhesive Tape Strip (Coiled) / Cable Ties (Flat)
Finish:	Gloss Finish
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:	Alkalis Resistance: Good Mildew: Resistance Good

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 and Letter Heights

Pipe Diameter (Including insulation)	Style Marker	Material Thickness	Marker Width	Letter Height	Marker Type
1/4" – 3/8"	TM	0.012"	3"	1/4"	COIL-ON
1/2" – 1"	A	0.012"	8"	1/2"	COIL-ON
1-1/8" – 2-3/8"	B	0.012"	8"	3/4"	COIL-ON
2-1/2" – 3-1/4"	C	0.017"	12"	1-1/4"	COIL-ON
3-3/8" – 4-1/2"	D	0.017"	12"	1-1/4"	COIL-ON
4-5/8" – 5-7/8"	E	0.017"	12"	1-1/4"	COIL-ON
6" – 6-3/4"	FC	0.017"	12"	1-1/4"	COIL-ON
6" – 6-3/4"	F	0.017"	12"	1-1/4"	STRAP-ON
6-7/8" – 10"	G	0.017"	24"	2-1/2"	STRAP-ON
Over 10"	H	0.017"	32"	3-1/2"	STRAP-ON

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

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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

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