



# 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. Legends are sub-surface printed so they are protected by a layer of plastic.

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

<b>Base Material:</b>	Premium-grade Thermoplastic
<b>Material Thickness:</b>	.020" (.508 mm)   .015" (.38 mm)
<b>Service Temperature:</b>	40°F to 160°F (4°C to 71°C)
<b>Application Temperature:</b>	+50°F (10°C)
<b>Chemical Resistance:</b>	Excellent
<b>Water Resistance:</b>	Excellent
<b>Expected Outdoor Durability:</b>	Indoor Use Only
<b>Storage Durability:</b>	Up to 2 Years
<b>Abrasion Resistance:</b>	Excellent
<b>Mounting:</b>	Adhesive Tape Strip (Coiled) / Cable Ties (Flat)
<b>Finish:</b>	Subsurface printed with Gloss Finish
<b>Text Height:</b>	Designed to meet ANSI & ASME Standards (See chart)
<b>Typical Sizes:</b>	Designed to meet ANSI & ASME Standards (See chart)
<b>Standard Colors:</b>	Designed to meet ANSI & ASME Standards (See chart)
<b>Options:</b>	Custom Sizes Available
<b>Chemical Table:</b>	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.

Updated on 11/4/2021





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## Marker Sizes and Text Heights

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

## Designation of Colors (ASME A13.1-2015 & ANSI Z535-2017)

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





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## Designation of Colors (ANSI/ASME A13.1-1996)

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

