



## MS-900 SELF-ADHESIVE COLOR BANDING TAPE W/ UV OVERLAMINATE

### Technical Data

#### Description

MS-900 UV self-adhesive color banding tape is specially designed for outdoor use. It is manufactured from premium grade thermoplastic with a permanent acrylic pressure sensitive adhesive. The film is laminated with MS-1000 providing not only additional chemical resistance but also excellent UV and fade resistance for extended outdoor durability. Colored banding tape is used to provide line service designations, system color-coding or various labeling needs. Banding tape colors conform to the ASME A 13.1 "Scheme for the Identification of Piping Systems."

- Complies with MIL-SPEC 101B
- Standard sizes: 1" (25 mm) and 2" (51 mm) wide by 50 yds (46 m) long.
- Also available in 3" (76 mm), 4" (102 mm), and 6" (152 mm) rolls.

#### Physical and Chemical Characteristics

<b>Base Material:</b>	Premium-grade Thermoplastic w/ UV Overlamine
<b>Material Thickness:</b>	.005" (.127 mm)
<b>Service Temperature:</b>	-50°F to 180°F (-45°C to 82°C)
<b>Application Temperature:</b>	+50°F (10°C)
<b>Chemical Resistance:</b>	Excellent
<b>Water Resistance:</b>	Excellent
<b>Expected Outdoor Durability:</b>	Very Good (Up to 5 Years), Tested to ASTM D 7869
<b>Storage Durability:</b>	Up to 2 Years
<b>Abrasion Resistance:</b>	Very Good
<b>Mounting:</b>	Permanent pressure sensitive acrylic adhesive backing
<b>Finish:</b>	Gloss Surface
<b>Text Height:</b>	n/a
<b>Typical Sizes:</b>	1" (25 mm) and 2" (51 mm) wide by 50 yds (46 m) long.
<b>Standard Colors:</b>	Designed to meet ANSI & ASME Standards (See chart)
<b>Options:</b>	Custom Sizes Available
<b>Chemical Table</b>	Acid Resistance: Good Alkalis Resistance: Good Salts 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 11/23/2021

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

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)

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