



## MS-900 SELF-ADHESIVE 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 has a UV Overlamine 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 101C
- 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 1/15/2024



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

Designation of Colors — ASME A13.1-2023 & ANSI Z535-2017 Standards		
Classification	Color Scheme	
<b>Defined Applications</b>		
Firefighting	White text on red	<b>Sample</b>
Toxic or corrosive	Black text on orange	<b>Sample</b>
Flammable, combustible, or oxidizing	Black text on yellow	<b>Sample</b>
Steam; or steam condensate, boiler feedwater, or other hot water	Black text on gray	<b>Sample</b>
Potable, cooling, or other cold or tepid 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 brown	<b>Sample</b>
Defined by user	White text on black	<b>Sample</b>

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>