



# MS-900 SELF-ADHESIVE ROLL MARKERS

Technical Data



## Description

MS-900 self-adhesive roll markers are manufactured from premium grade thermoplastic with a permanent pressure-sensitive acrylic adhesive. They are used to provide line service designations and system color-coding. Rolls are 6-1/2" x 30' (165 mm x 9 m). Text height is 1.25" (32 mm). The legend is repeated 60 times per roll. Rolls comply with the ASME A13.1 color scheme and text height requirements but do not comply with the length of the color field per ASME.

## Physical and Chemical Characteristics

<b>Film:</b>	.0032" (0.0812 mm) thick thermoplastic
<b>Adhesive:</b>	Permanent pressure-sensitive acrylic
<b>Service Temperature:</b>	-50°F through +180°F (-45°C thru 82°C)
<b>Application Temperature:</b>	+50°F (10°C)
<b>Water Resistance:</b>	Excellent
<b>Chemical Resistance:</b>	Resistant to acids; alkalis and salts
<b>Expected Outdoor Durability:</b>	Indoor use only, recommend MS-900TO for outdoor use.
<b>Storage Durability:</b>	Two years when stored at +73°F (22°C) and 50% relative humidity
<b>UV Resistance:</b>	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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## 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	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
<b>Undefined Applications</b>		
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	
<b>Materials Inherently Hazardous</b>		
Flammable or Explosive, Chemically Active or Toxic, Extreme Temperature or Pressures, Radioactive	Black text on yellow	Sample
<b>Materials Inherently Low Hazard</b>		
Liquid or Liquid Admixture (non-hazardous materials)	White text on green	Sample
Gas or Gaseous Admixture (non-hazardous materials)	White text on blue	Sample
<b>Fire Quenching Materials</b>		
Water, Foam, CO2, Halon, etc.	White text on red	Sample

