



# MS-900 SELF-ADHESIVE DUCT MARKERS

Technical Data

### Description

MS-900 self-adhesive duct markers are constructed using a premium grade .004" thick flexible thermoplastic film coated with a permanent acrylic pressure sensitive adhesive. These markers are used to provide indoor service designations and system color coding. Individual attached arrow markers are used with duct markers to indicate direction of flow.

Complies with ASME A13.1 standard for pipe identification regarding color, letter height, and marker size. If Polypropylene clad insulation is used, we recommend Plenum Rated Markers.

### Physical and Chemical Characteristics

<b>Base Material:</b>	Premium-grade Thermoplastic
<b>Material Thickness:</b>	.004" (.1 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>	Good
<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>	Good
<b>Mounting:</b>	Permanent pressure sensitive acrylic adhesive backing
<b>Finish:</b>	n/a
<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>	Acid Resistance: Good Alkalis Resistance: Good Salts Resistance: Good

### Duct Marker Sizes and Letter Heights

Marker Style	Marker Size	Arrow Size	Marker/Arrow Color Field	Letter Height
A	1" x 6-1/2"	1" x 1-1/2"	8" long	3/4"
B	2-1/4" x 10-1/4"	2-1/4" x 2-3/4"	13" long	1-3/4"
C	4" x 20"	4" x 4"	24" long	2-1/2"
D	4" x 26"	4" x 6"	32" long	3-1/2"

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	
<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