



# MS-900 Self-Adhesive Ammonia Pipe Markers

## Technical Data



### Description

MS-900 Self-Adhesive Ammonia Markers are constructed using a premium grade flexible thermoplastic film coated with a permanent acrylic pressure sensitive adhesive. Labels include arrows which are used to indicate direction of flow.

MS-900 Orange Ammonia Markers meet the revised ANSI/IIAR 2-2021 Appendix Q (Guidelines for Identification of Ammonia Piping and System Components).

To extend service life, optional MS-1000 overlamine may be added.

### Physical and Chemical Characteristics

<b>Base Material:</b>	Premium-grade Thermoplastic
<b>Material Thickness:</b>	0.004" (0.1 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/IIAR 2-2021 Appendix Q (see chart)
<b>Typical Sizes:</b>	Designed to meet ANSI/IIAR 2-2021 Appendix Q (see chart)
<b>Standard Colors:</b>	Designed to meet ANSI/IIAR 2-2021 Appendix Q (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.



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### Orange Style Marker Sizes & Letter Heights

Pipe Diameter (Including insulation)	Marker Style (Orange)	Marker Size (h x w)	Text Height
Up to 1-1/4"	A1	1" x 8"	1/2"
1-1/2" – 2"	A2	1-1/2" x 12"	3/4"
2-1/4" – 7"	A3	2-1/2" x 16"	1-1/4"
7-1/4" – 10"	A4	4" x 24"	2-1/2"
Over 10"	A5	4-1/2" x 32"	3-1/2"

### Yellow Style Marker Sizes & Letter Heights

Pipe Diameter (Including insulation)	Marker Style (Yellow)	Marker Size (h x w)	Text Height
3/4" – 2"	AAL	1-1/2" x 12"	3/4"
2-1/8" x 7"	ABL	2-1/2" x 16"	1-1/4"
7-1/8" – 10"	ACL	4" x 24"	2-1/2"
Over 10"	ADL	4-1/2" x 32"	3-1/2"

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