



# 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 IIAR Bulletin 114 (Identification of Ammonia Piping and System Components).

### Physical and Chemical Characteristics

<b>Base Material for MS-900:</b>	.004" (.1 mm) thick Thermoplastic
<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 Self-Adhesive Ammonia Markers for outdoor use.
<b>Storage Durability:</b>	Two years when stored at +73°F (22°C) and 50% relative humidity
<b>Finish:</b>	Semi-gloss surface
<b>Text Height:</b>	Complies with IIAR Bulletin 114 (Identification of Ammonia Piping and System Components)
<b>Mounting:</b>	Permanent pressure sensitive acrylic adhesive backing
<b>Standard Colors Available:</b>	Complies with IIAR Bulletin 114 (Identification of Ammonia Piping and System Components)

*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.*





## MS-900 SELF-ADHESIVE AMMONIA PIPE MARKERS

Technical Data

### Marker Sizes and Letter Heights

#### MS-900 Self-Adhesive Markers:

Marker Size	Pipe Diameter	Marker Style (Orange)	Marker Style (Yellow)	Letter Height
1" x 8"	Up to 1-1/4"	A1	A1custom	1/2"
1-1/2" x 12"	1-1/2" – 2"	A2	AAL	3/4"
2-1/2" x 16"	2-1/2" – 7"	A3	ABL	1-1/4"
4" x 24"	8" – 10"	A4	ACL	2-1/2"
4-1/2" x 32"	Over 10"	A5	ADL	3-1/2"

\*Directional flow arrows are included as overall size. Arrows are scored on the face of label to facilitate installation in various directions.

#### MS-900TO Self-Adhesive Markers:

Marker Size	Pipe Diameter	Marker Style (Orange)	Marker Style (Yellow)	Letter Height
1" x 8"	Up to 1-1/4"	A1 TO	A1custom TO	1/2"
1-1/2" x 12"	1-1/2" – 2"	A2 TO	AAL TO	3/4"
2-1/2" x 16"	2-1/2" – 7"	A3 TO	ABL TO	1-1/4"
4" x 24"	8" – 10"	A4 TO	ACL TO	2-1/2"
4-1/2" x 32"	Over 10"	A5 TO	ADL TO	3-1/2"

\*Directional flow arrows are included as overall size. Arrows are scored on the face of label to facilitate installation in various directions.

Updated on 8/25/2020

