



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 over-lamination may be added (MS-900 UV).

Physical and Chemical Characteristics

Base Material:	Premium-grade Thermoplastic
Material Thickness:	.004" (.1 mm)
Service Temperature:	-50°F to 180°F (-45°C to 82°C)
Application Temperature:	+50°F (10°C)
Chemical Resistance:	Good
Water Resistance:	Excellent
Expected Outdoor Durability:	Indoor Use Only
Storage Durability:	Up to 2 Years
Abrasion Resistance:	Good
Mounting:	Permanent pressure sensitive acrylic adhesive backing
Finish:	n/a
Text Height:	Designed to meet ANSI/IIAR 2-2021 Appendix Q (see chart)
Typical Sizes:	Designed to meet ANSI/IIAR 2-2021 Appendix Q (see chart)
Standard Colors:	Designed to meet ANSI/IIAR 2-2021 Appendix Q (see chart)
Options:	Custom Sizes Available
Chemical Table:	Acid Resistance: Good Alkalis Resistance: Good Salts Resistance: Good



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Marker Sizes and Letter Heights

Marker Size	Pipe Diameter (Including insulation)	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.

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 8/17/2023

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