



MS-900 Self-Adhesive Ammonia Pipe Markers with MS-1000

Technical Data

Description

MS-900 Self-Adhesive UV Ammonia Markers are constructed using a premium grade .004" thick flexible thermoplastic film coated with a permanent acrylic pressure-sensitive adhesive and laminated with a durable MS-1000 laminate. Labels include arrows which are used to indicate the 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).



Physical and Chemical Characteristics

Base Material:	Premium-grade Thermoplastic w/ MS-1000
Material Thickness:	.005" (.127 mm)
Service Temperature:	-50°F to 180°F (-45°C to 82°C)
Application Temperature:	+50°F (10°C)
Chemical Resistance:	Excellent
Water Resistance:	Excellent
Expected Outdoor Durability:	Very Good (Up to 5 Years) Tested to ASTM D 7869
Storage Durability:	Up to 2 Years
Abrasion Resistance:	Very Good
Mounting:	Permanent pressure sensitive acrylic adhesive backing
Finish:	Gloss surface
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

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 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.

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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