



MS-900TO SELF-ADHESIVE ARROW TAPE

Technical Data



Description

MS-900TO self-adhesive arrow tape is specially designed for outdoor use. It is manufactured from premium grade thermoplastic with a permanent acrylic pressure sensitive adhesive. The film is laminated with MS-1000 providing not only additional chemical resistance but also excellent UV and fade resistance for extended outdoor durability.

It is used to provide information regarding direction of flow of pipe's contents. All arrow tape conforms to the ASME A13.1-2015 Scheme for the Identification of Piping Systems and ANSI Z535-2017 with regard to color, arrow size, and width of tape.

Physical and Chemical Characteristics

Film:	.004" (.1 mm) thick thermoplastic with .001" (0.0254 mm) thick protective top layer
Adhesive:	Permanent pressure-sensitive acrylic
Service Temperature:	-50°F to +180°F (-45°C to 82°C)
Application Temperature:	+50°F (10°C)
Water Resistance:	Excellent
UV Resistance:	Good
Chemical Resistance:	Resistant to acids, alkalis and salts
Expected Outdoor Durability:	5 years
Storage Durability:	Two years when stored at +73°F (22°C) and 50% relative humidity





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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	
Defined Applications		
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
Undefined Applications		
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	
Materials Inherently Hazardous		
Flammable or Explosive, Chemically Active or Toxic, Extreme Temperature or Pressures, Radioactive	Black text on yellow	Sample
Materials Inherently Low Hazard		
Liquid or Liquid Admixture (non-hazardous materials)	White text on green	Sample
Gas or Gaseous Admixture (non-hazardous materials)	White text on blue	Sample
Fire Quenching Materials		
Water, Foam, CO ₂ , Halon, etc.	White text on red	Sample





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Arrow Tape Sizes

Size	Part Number	Arrow/Bg Color	Size	Part Number	Arrow/Bg Color
1" x 30YDS	95105	BLK/GRN	1" x 30YDS	95109	WHT/BRN
2" x 30YDS	95205	BLK/GRN	2" x 30YDS	95209	WHT/BRN
4" x 30YDS	95405	BLK/GRN	4" x 30YDS	95409	WHT/BRN
1" x 30YDS	95106	BLK/ORG	1" x 30YDS	95110	WHT/GRY
2" x 30YDS	95206	BLK/ORG	2" x 30YDS	95210	WHT/GRY
4" x 30YDS	95406	BLK/ORG	4" x 30YDS	95410	WHT/GRY
1" x 30YDS	95107	BLK/WHT	1" x 30YDS	95102	WHT/GRN
2" x 30YDS	95207	BLK/WHT	2" x 30YDS	95202	WHT/GRN
4" x 30YDS	95407	BLK/WHT	4" x 30YDS	95402	WHT/GRN
1" x 30YDS	95101	BLK/YEL	1" x 30YDS	95104	WHT/BLU
2" x 30YDS	95201	BLK/YEL	2" x 30YDS	95204	WHT/BLU
4" x 30YDS	95401	BLK/YEL	4" x 30YDS	95404	WHT/BLU
1" x 30YDS	95103	WHT/RED	1" x 30YDS	95111	WHT/PUR
2" x 30YDS	95203	WHT/RED	2" x 30YDS	95211	WHT/PUR
4" x 30YDS	95403	WHT/RED	4" x 30YDS	95411	WHT/PUR
1" x 30YDS	95108	WHT/BLK			
2" x 30YDS	95208	WHT/BLK			
4" x 30YDS	95408	WHT/BLK			

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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