



## Product Information Bulletin

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# System #1 Voltage Markers

### Compliance:

- ANSI / ASME A13.1-2020 "Scheme for the Identification of Piping Systems"
- ANSI Z535.1 "Safety Color Code"
- **UL 94** - Test for Flammability of Plastic Materials.  
Classification achieved: 94V-0
- As Per Test Method ASTM E-85, the material's Flame Spread is rated at 25 or less

### Material:

Semi Rigid Colored PVC Vinyl extruded with UV inhibition for outdoor durability. The image is applied with UV resistant inks. Sizes AA thru D are thermoformed to achieve a pre-tension wrap around pressure for specific pipe sizes.

### Material Thickness:

.015" thick used with Styles AA, A, B  
.025" thick used with Styles C, D

System #1 Pipe Markers are constructed of PVC which is inherently self-extinguishing

### Use:

Identify piping systems. System #1 Pipe Markers offer significant advantages to conventional pipe labels. Speed of installation, pre-tension wrap around markers, no pipe preparation and 360° visibility of marker locations. Arrows & legends are printed repeatedly in opposite directions allowing the marker to be applied in any direction achieving proper reading while indicating pipe content flow.

**Surface Preparation:** None

**Outdoor Durability:** 4 to 5 years Mid-Continental US

**Abrasion Resistance:** Good

**Water Resistance:** Excellent

**Chemical Resistance:** Excellent resistance to most petroleum solvents and low aliphatic alcohols.

**Service Temp:** All Sizes\*

-40°F to 160°F (-40° C to 71°C)

\* System #1 Markers are not recommended for use in environments or on pipes constantly above 180°F (82°C).

**Storage Stability:** Indefinite shelf life at conditions of 70°F (21°C) and 60% RH.

## Wrap Around Voltage Markers



### SIZE CHART

MARKER STYLE	OUTSIDE PIPE DIAMETER	MARKER WIDTH	CHARACTER SIZE
AA	3/8" - 1/2" (10 - 13 mm)	3" (76.2 mm)	1/4" (6.4 mm)
A	3/4" - 1" (19 - 25 mm)	8" (203 mm)	1/2" (13 mm)
B	1-1/8" - 2-3/8" (29 - 60mm)	8" (203mm)	3/4" (19mm)
C*	2-1/2" - 3-1/4" (64 - 83mm)	12" (305 mm)	1-1/4" (32mm)
D*	3-3/8" - 4-1/2" (86 - 114mm)	12" (305 mm)	1-1/4" (32mm)

\* Supplied with adhesive strip, which is only recommended if service temperature exceeds 100°F.

DATE: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

JOB: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_