



## Product Information Bulletin

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# System #1 Pipe Markers (Wrap Around & Strap On)

### Compliance:

- ANSI / ASME A13.1-2015 "Scheme for the Identification of Piping Systems"
- ANSI Z535.1 "Safety Color Code"
- NFPA 99 Health Care Facilities Code
- **LEED Compliance:** This product is in compliance with the Standards set forth by the South Coast Air Quality Management District (SCAQMD) Rule #1168 and the Green Seal Standard, GS-36 for Commercial Adhesives pertaining to Volatile Organic Compounds (VOC). When supplied with adhesive strip, the adhesive backing on this product contains < 5.8 grams / Liter VOC.
- **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 E are thermoformed to achieve a pre-tension wrap around pressure for specific pipe sizes. Sizes F thru H are provided with slotted holes and are strapped onto pipes using nylon ties.

### Material Thickness:

.015" thick used with Styles AA, A, B, F, G, and H  
.025" thick used with Styles C, D, and E

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).

### Fasteners

- 36" (915mm) Nylon Ties
- 48" (1219mm) Nylon Ties
- 3/8" x .015" x 200'

Stainless Steel Strapping  
(See Accesories Data Sheet)



**1 Wrap Around Markers**  
(Styles A thru E)



**2 Strap On Markers**  
(Styles F thru H)

### 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)
E*	4-5/8" - 6" (117 - 152mm)	12" (305 mm)	1-1/4" (32mm)
F**	6-1/8" - 7-7/8" (155 - 200mm)	12" (305 mm)	1-1/4" (32mm)
G**	8" - 10" (203 - 254mm)	24" (610mm)	2-1/2" (64mm)
H**	Over 10" (Over 254mm)	32" (813mm)	3-1/2" (89mm)

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

\*\* Strap on mounting method includes 2 nylon ties.

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

### STANDARD COLORS

Flammable & Oxidizing Fluids	Potable, Cooling, Boiler Feed, Waters
Compressed Air	Fire Quenching Fluids
Toxic, Corrosive Fluids	Combustible Fluids
NFPA 99 Colors	NFPA 99 Colors
NFPA 99 Colors	NFPA 99 Colors
NFPA 99 Colors	NFPA 99 Colors
NFPA 99 Colors	NFPA 99 Colors

\* New 2015 color classification

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

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

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