

## Product Information Bulletin

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

**Compliance:**

- IIAR Bulletin #114 2019 Revision
- ANSI / ASME A13.1-2015 "Scheme for the Identification of Piping Systems"
- ANSI Z535.1 "Safety Color 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 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 Accessories 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
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.

**STANDARD COLORS**

**Toxic, Corrosive Fluids**    **Body Color**  
**Liquid State**    **Yellow / Black Band**  
**Vapor State**    **Lt. Blue / Black Band**  
**High Pressure**    **Red / Black Band**  
**Low Pressure**    **Green / Black Band**

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

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

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