



## Product Information Bulletin

64 Outwater Lane, Garfield, NJ 07026 Ph: 973-340-7889 | Fax: 973-340-7809

# System #5 Pipe Markers (High Temp Stick On Labels)

## High Temp Poly Pipe Markers

# CHILLED WATER RET.



| MARKER STYLE | OUTSIDE PIPE DIAMETER         | MARKER DIMENSIONS         | RECOMM. MAX. CHARACT. | ALTERN. MATCHING ARROW   | SIZE OF LETTERS    |
|--------------|-------------------------------|---------------------------|-----------------------|--------------------------|--------------------|
| 1SM          | 1 1/2" - 2 3/8"<br>38 - 60mm  | 8 x 1 1/8"<br>203 x 29mm  | 18                    | 4 x 1 1/8"<br>102 x 29mm | 3/4 inch<br>19mm   |
| 1            | 2 1/2" - 7 7/8"<br>64 - 200mm | 14 x 2 1/4"<br>356 x 57mm | 22                    | 6 x 2 1/4"<br>152 x 57mm | 1 1/4 inch<br>32mm |
| 1LG          | 8" - 10"<br>203 - 254mm       | 24 x 4"<br>610 x 102mm    | 22                    | 7 x 4"<br>178 x 102mm    | 2 1/2 inch<br>64mm |
| 1XLG         | OVER 10"<br>Over 254mm        | 32 x 4"<br>813 x 102mm    | 22                    | 7 x 4"<br>178 x 102mm    | 3 1/2 inch<br>89mm |



### MARKER INSTALLATION

### STANDARD COLORS

|                               |                                       |
|-------------------------------|---------------------------------------|
| Flammable & *Oxidizing Fluids | Potable, Cooling, Boiler Feed, Waters |
| Compressed Air                | Fire Quenching Fluids                 |
| Toxic, Corrosive Fluids       | Combustible Fluids                    |
| NFPA 99 Colors                | * New 2015 color classification       |

#### Compliance:

- 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). The adhesive backing on this product contains < 4.4 grams / Liter VOC.

#### Material:

System #5 Pipe Markers are constructed with 2 Mil White Polyester with hi-performance pressure sensitive acrylic adhesive backing, and overlaminated with 1 mil clear polyester. Polyester offers superior chemical and temperature resistance to vinyl markers.

#### Adhesive:

Aggressive permanent adhesive with excellent adhesion properties on a broad base of application substrates such as Stainless Steel, Acrylic, Glass, Coated Metals and Plastics. Backed with a layflat 90 lb. moisture stable polycoated release liner ideal for sheet-form converting.

#### Use:

Identify piping systems of industrial environments that are expected to reach higher temperatures or high exposure to chemicals. Use System #5 Pipe Markers in conjunction with Matching Arrows to identify both, pipe content and directional flow for full compliance with ANSI / ASME A13.1-2015.

#### Surface Preparation:

Surface must be dry and reasonably clean prior to applying adhesive backed label product. Minimum Surface Temperature 50°F (10°C).

#### Chemical Resistance

C1-10 Alkanes: Good  
 Water: Excellent  
 10% Caustic: Excellent  
 50% Caustic: Good  
 Methanol: Excellent  
 Hydrochloric Acid: Excellent  
 Fuel Oil: Excellent  
 Acetic Acid: Good  
 Acetone: Good  
 Abrasion Resistance: Good

Outdoor Durability: 5 to 8 years Mid Continental US  
 Service Temp: -40°F to 248°F (-40°C to 120°C)  
 Storage Stability: Indefinite shelf life at conditions of 70°F (21°C) and 60% RH.

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

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

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

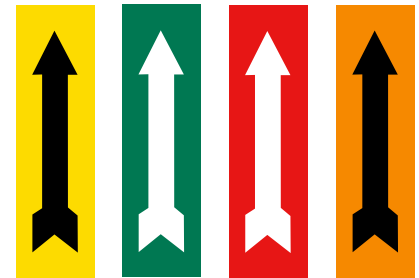


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# System #5 Arrow Cards (High Temp Stick On Arrows)

## Use with System#5 Pipe Markers



| MARKER STYLE | OUTSIDE PIPE DIAMETER        | MARKER DIMENSIONS       | ARROW SIZE                  |
|--------------|------------------------------|-------------------------|-----------------------------|
| 1SM          | 1-1/2" - 2-3/8" / 38 - 60mm  | 4 x 1-1/8" / 102 x 29mm | 3 x 3/4" / 76 x 19mm        |
| 1            | 2-1/2" - 7-7/8" / 64 - 200mm | 6 x 2-1/4" / 152 x 57mm | 5 x 1-1/4" / 127 x 32mm     |
| 1LG & 1XLG   | Over 8" / 203mm              | 7 x 4" / 178 x 102mm    | 6-1/2 x 2-1/2" / 165 x 64mm |



**MARKER INSTALLATION**

## STANDARD COLORS

|                              |                                       |
|------------------------------|---------------------------------------|
| Flammable & Oxidizing Fluids | Potable, Cooling, Boiler Feed, Waters |
| Toxic, Corrosive Fluids      | Fire Quenching Fluids                 |

### Compliance:

- 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). The adhesive backing on this product contains < 4.4 grams / Liter VOC.

### Material:

System #5 Pipe Markers are constructed with 2 Mil White Polyester with hi-performance pressure sensitive acrylic adhesive backing, and overlaminated with 1 mil clear polyester. Polyester offers superior chemical and temperature resistance to vinyl markers.

### Adhesive:

Aggressive solvent based acrylic adhesive with excellent adhesion properties on a broad base of application substrates such as Stainless Steel, Acrylic, Glass, Coated Metals and Plastics. Backed with a layflat 90 lb. moisture stable polycoated release liner ideal for sheet-form converting.

### Use:

Identify piping systems of industrial environments that are expected to reach higher temperatures or high exposure to chemicals. Use System #5 Pipe Markers in conjunction with Matching Arrows to identify both, pipe content and directional flow for full compliance with ANSI / ASME A13.1-2015.

### Surface Preparation:

Surface must be dry and reasonably clean prior to applying adhesive backed label product. Minimum Surface Temperature 50°F (10°C).

### Chemical Resistance

C1-10 Alkanes: Good  
 Water: Excellent  
 10% Caustic: Excellent  
 50% Caustic: Good  
 Methanol: Excellent  
 Hydrochloric Acid: Excellent  
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 Acetone: Good  
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Outdoor Durability: 5 to 8 years Mid Continental US  
 Service Temp: -40°F to 248°F (-40°C to 120°C)  
 Storage Stability: Indefinite shelf life at conditions of 70°F (21°C) and 60% RH.

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

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