

PIPE MARKING GUIDE

to the ASME A13.1 - 2007 Standard for the Identification of Pipes

COLOR CODE

| Material Properties | Letter color on Field color | Example |
|--|-----------------------------|----------------------------|
| FLAMMABLE Fluids which are a vapor or produce vapors that can ignite and continue to burn in air. | | → HYDROGEN → |
| COMBUSTIBLE Fluids that may burn but are not flammable. | | → ACETIC ACID → |
| TOXIC & CORROSIVE Fluids which are corrosive or toxic or will produce corrosive or toxic substances. | | → NITRIC ACID → |
| FIRE QUENCHING Water and other substances used in sprinkler fire fighting piping systems. | | → HALON → |
| OTHER WATER Any other water except for water used in sprinkler & fire fighting piping systems. | | → BOILER WATER → |
| COMPRESSED AIR Any vapor or gas under pressure that does not fit a category above. | | → COMPRESSED AIR → |
| DEFINED BY USER | | → DEFINED BY USER → |
| DEFINED BY USER | Black on White | → DEFINED BY USER → |
| DEFINED BY USER | | → DEFINED BY USER → |
| DEFINED BY USER | | → DEFINED BY USER → |

PIPE MARKER SIZE CHART

Letter & Label Dimensions in accordance to pipe diameter

NOTE:
It is recommended that pipes less than .75" in diameter, be labeled with a permanent tag.

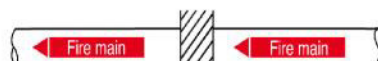
| Outside Pipe Diameter Including Covering | | Minimum Length of Label Field Color | | Minimum Height of Letters | |
|--|--------------|-------------------------------------|--------|---------------------------|-------|
| .75" - 1.25" | 19 - 32 mm | 8" | 203 mm | .5" | 13 mm |
| 1.5" - 2" | 38 - 51 mm | 8" | 203 mm | .75" | 19 mm |
| 2.5" - 6" | 64 - 152 mm | 12" | 305 mm | 1.25" | 32 mm |
| 8" - 10" | 203 - 254 mm | 24" | 610 mm | 2.5" | 64 mm |
| Over 10" | Over 254 mm | 32" | 813 mm | 3.5" | 89 mm |

1

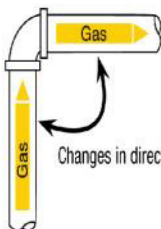
Where to apply pipe markers?



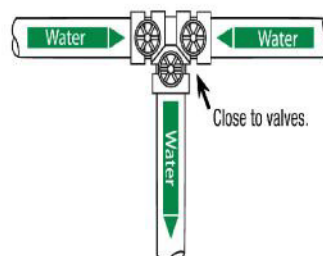
At frequent intervals on straight pipe runs.



Where pipes pass through floors and walls, mark both sides.



Changes in direction.



Close to valves.

3

HEIGHT OF THE TEXT

The height of the text is based on the pipe size

Text height and pipe marker label lengths should follow these recommended guidelines:

