

## PRODUCT DATA SHEET

### Wrap Around Adhesive Roll Pipe Markers

Eliminates need for precise measurement of pipe diameter - simply cut to the size you need from 30' roll

- Wrap-Around Adhesive Roll Markers are printed using weather-resistant ink.
- Well-suited for use in outdoor applications where withstanding severe weather conditions



<b>Description:</b>	Self-adhesive vinyl adheres to itself for easy wrap-around marker installation. Indoor/outdoor marking film is made from high-gloss, flexible, pressure-sensitive adhesive vinyl. Legend repeats 65 times per roll and are available in 8" or 12" widths
<b>For Use In:</b>	Wrap Around Adhesive Roll Markers are printed with weather resistant inks and is particularly suited for use in outdoor applications where weatherability is a key consideration.
<b>Adhesive Type:</b>	Permanent cold temperature pressure sensitive acrylic
<b>Substrate Type:</b>	Vinyl Film
<b>Compliance:</b>	Length of Color field conforms with ANSI/ASME A13.1 Standards
<b>Standard Legend Colors:</b>	Black and White
<b>Standard Material Colors:</b>	Blue, Green, Red, and Yellow
<b>Thickness (PSTC-33):</b>	Total 0.005 in. (0.125mm).
<b>Standard Sizes:</b>	Comes in 8" W x 30' L and 12" W x 30' L*Width of color field conforms with ASME/ANSI A13.1-2015
<b>Gloss:</b>	60 Gardner Units.
<b>Adhesive Properties:</b>	Adhesion to Steel (PSTC-1)  15 Minute Dwell (Avg.) -- 75 oz/in. (82 N/100mm)  Ultimate Dwell (72 Hrs.) (Avg.) -- 116 oz/in. (127 N/100mm)  Tack (ASTM D 2979) (Avg.) -- 800 g (8 N)  Drop Shear (PSTC-7) (Avg.) -- 4 Hrs.
<b>Abrasion Resistance:</b>	CS-17 wheels, 1000 g wts.
<b>(Method 5306 of U.S. Federal Test Method Std. No. 191A):</b>	Legend withstands up to 700 cycles. Substrate withstands up to 8000 cycles.

Date: \_\_\_ / \_\_\_ / \_\_\_ Job: \_\_\_\_\_

Contractor \_\_\_\_\_

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### Wrap Around Adhesive Roll Pipe Markers (continued)

**Minimum Application Temperature:** 0°F (-18°C).

**Service Temperature:** -40°F to 180°F (-40°C to 82 °C).

**Average Outdoor Durability:** 5 years (Average expected outdoor life of product will depend on user definition of failure, climate, mounting techniques and material color.)

**Chemical Resistance:**

Reagent	7 day Immersion	Dip Test	Rub Test
30% Sulfuric Acid	F	NE	NE
10% Sulfuric Acid	F	NE	NE
30% HCL	F	NE	NE
10% HCL	F	NE	NE
50% NaOH	F	NE	NE
10% NaOH	F	NE	NE
Gasoline	NE	NE	NE
Turpentine	NE	NE	NE
Glacial Acetic Acid	NE	NE	NE
Conc. Ammonia	NE	NE	NE
10% Ammonia	NE	NE	NE
Methyl Ethyl Ketone	F	F	NE
Acetone	F	NE	NE
Methanol	F	NE	NE
1,1,1, Trichloroethane	F	F	NE
IPA (Isopropanol)	NE	NE	NE
ASTM #3 Oil	NE	NE	NE
SAE 20 Oil	NE	NE	NE
Mineral Spirits	NE	NE	NE
Diesel Fuel	NE	NE	NE
Heptane	NE	NE	NE
Toluene	F	NE	NE
Alconox	NE	NE	NE
Kerosene	NE	NE	NE
Water	NE	NE	NE

NE: No Effect F: Failed

**7 Day Immersion:** Immersed in reagent for 7 days.

**Dip Test:** Five 10 minute dips in reagent with 30 minute recovery.

**Rub Test:** Rubbed sample for one minute with swab soaked in reagent.

**Shelf Life:** Indefinite when stored at 70°F (21°C) and 40% to 50% R. H.