

## PRODUCT DATA SHEET

### CPVC-Code™ Nonpotable Water Pipe Markers

Mark Your Pipes Purple: For CPVC piping containing water not safe for drinking

- Available both as a roll and in individual die cut styles to fit any length and diameter
- Includes pictogram to denote nonpotable water
- Roll form pipe markers include arrows to indicate flow direction

**Description:**

CPVC-Code™ Nonpotable Water Pipe Markers are made of self-adhesive, indoor/outdoor grade vinyl with ANSI specifications for background and letter colors, length of color field and letter height. CPVC-Code™ Nonpotable Water Pipe Markers are the only pipe markers designed and tested to be FBC™ System Compatible with CPVC piping.  
\* Available in individual and roll form markers.

**Use:**

CPVC-Code™ Nonpotable Water Pipe Markers are designed for use on pipes from 3/4" O.D. to over 10" O.D. and for use indoors and outdoors. Roll form markers all include right arrows.

**Compliance:**

CPVC-Code™ Nonpotable Water Pipe Markers meet ASME/ANSI A13.1-2015 standards and meet ANSI specifications for background and letter colors, length of field and letter height. They also meet the current California Plumbing Code standards.



**Standard Legend Colors:**

Black, Yellow or White

**Standard Background Colors:**

Green, Purple or Yellow

**Pictogram:**

Nonpotable Water pictogram included only for pipe markers that indicate nonpotable water.

**Thickness (ASTM D 1593):**

Total 0.005 in. (0.125mm).

**Gloss:**

60 Gardner Units.  
Tack (ASTM-2979) (Avg)—800g (8 N); Drop Shear (PSTC-7) (Avg)—4 Hrs

**Standard Sizes/Dimensions:**

For individual markers, use this chart to determine which pipe marker size is needed.

Marker Size	Fits Pipe Outer Diameter	Length Color Field	Letter Height
8SM	3/4" - 1-3/8" (19mm - 35mm)	8" (203mm)	1/2" (13mm)
8LG	1-1/2" - 2-3/8" (38mm - 60mm)	8" (203mm)	3/4" (19mm)
12	2-1/4" - 7-7/8" (64mm - 98mm)	12" (305mm)	1-1/4" (32mm)
24	8" - 10" (203mm - 254mm)	24" (610mm)	2-1/2" (64mm)
32	over 10" (over 254mm)	32" (813mm)	3-1/2" (89mm)

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

Contractor \_\_\_\_\_

## PRODUCT DATA SHEET

### Opti-Code™ Pipe Markers (continued)

<b>Adhesive Properties:</b>	Adhesion to steel (PSTC-1) 15 min. dwell (Avg)—75 oz/in. (82 N/100 mm) Ultimate (72 hrs. dwell) (Avg)—116 oz/in. (127 N/100 mm) Tack (ASTM-2979) (Avg)—800g (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.			
<b>Service Temperature:</b>	-40°F to 180°F (-40°C to 82°C).			
<b>Average Outdoor Durability:</b>	5 years (Average expected outdoor life of product will depend on user definition of failure, climactic conditions, mounting techniques, and material color).			
<b>Chemical Resistance:</b>	<b>Reagent</b>	<b>7 day Immersion</b>	<b>Dip Test</b>	<b>Rub Test</b>
	30% Sulfuric Acid	NE	NE	NE
	10% Sulfuric Acid	NE	NE	NE
	30% HCL	F	NE	NE
	10% HCL	NE	NE	NE
	50% NaOH	F	NE	NE
	10% NaOH	F	NE	NE
	Gasoline	F	NE	F
	Turpentine	F	NE	F
	Glacial Acetic Acid	F	NE	F
	5% Acetic Acid	NE	NE	NE
	Cellosolve Acetate	F	F	F
	Conc. Ammonia	NE	NE	NE
	10% Ammonia	NE	NE	NE
	Methyl Ethyl Ketone	F	F	F
	Acetone	F	F	F
	Methanol	F	NE	F
	1,1,1, Trichloroethane	F	F	F
	IPA (Isopropanol)	F	NE	F
	ASTM #3 Oil	NE	NE	NE
	SAE 20 Oil	NE	NE	NE
	Mineral Spirits	F	NE	NE
	Diesel Fuel	F	NE	F
	Heptane	F	NE	F
	Toluene	F	F	F
	Alconox	F	NE	NE
	Kerosene	NE	NE	NE
	Water	NE	NE	NE
	NE: No Effect    F: Failed			
<b>7 Day Immersion:</b>	Immersed in reagent for 7 days.			
<b>Dip Test:</b>	Five 10 minute dips in reagent with 30 minute recovery.			
<b>Rub Test:</b>	Rubbed sample for one minute with swab soaked in reagent..			
<b>Shelf Life:</b>	1 year when stored at 70°F (21°C) and 40% to 50% R.H.			

\* FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings. FBC™, FlowGuard Gold®, BlazeMaster® and Corzan® are licensed trademarks of The Lubrizol Corporation or its affiliates.