

## PRODUCT DATA SHEET

### CPVC-Code™ Pipe Markers

- More than 1,000 self adhesive pipe marker options available - over 100 legends
- Pipe markers meet ASME (ANSI) A13.1 standard when used with CPVC-Code Arrows-on-a-Roll tape



### 3 Types of Pipe Marker Installation



#### Description:

CPVC-Code™ 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™ Pipe Markers are the only pipe markers designed and tested to be FBC™ System Compatible with CPVC piping.\*

#### Use:

CPVC-Code™ Pipe Markers are designed for use on pipes from 3/4" O.D. to over 10" O.D. and for use indoors and outdoors.

#### Compliance:

CPVC-Code™ Pipe Markers meet ASME/ANSI A13.1-2015 standards and meets ANSI specifications for background and letter colors, length of field and letter height.

#### Standard Legend Colors:

Black or White

#### Standard Background Colors:

Black, Blue, Brown, Gray, Green, Orange, Purple, Red, White and Yellow

#### Thickness (ASTM D 1593):

Total 0.005 in. (0.125mm).

#### Gloss:

60 Gardner Units.

#### Standard Sizes/Dimensions:

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)

#### Adhesive Properties:

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

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

Contractor \_\_\_\_\_

## PRODUCT DATA SHEET

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

**Abrasion Resistance:** CS-17 Wheels, 1000 g. wts.

**(Method 5306 of U.S. Federal Test Method Std. No. 191A):** Legend withstands up to 700 cycles. Substrate withstands up to 8000 cycles.

**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, climactic conditions, mounting techniques, and material color).

Chemical Resistance:	Reagent	7 day Immersion	Dip Test	Rub Test
	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

**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:** 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.