

## Weather-Code™ Outdoor Pipe Markers

The best choice for outdoor durability

- Made of the best fade-resistant vinyl to withstand harsh weather conditions
- Top of the line pressure sensitive adhesive can withstand temperatures from -40°F up to 180°F
- Has detachable arrows to indicate flow direction in either direction



**Description:** Seton Weather-Code™ Pipe Markers are made of pressure sensitive outdoor vinyl.

**Use:** Seton Weather-Code™ Pipe Markers are designed for use outdoors.

**Standard Legend Colors:** Black and White

**Standard Background Colors:** Black, Blue, Brown, Gray, Green, Orange, Red, White and Yellow

**Thickness (PSTC-33):** 0.005 in. (0.13mm.)

**Gloss:** 120 Gardner Units.

**Standard Sizes/Dimensions:** Fits outside pipe diameter of 1-1/4" thru 6"  
Includes Two 2-1/4" x 6-1/4" markers with 2-1/4" x 2-3/4" arrows.  
Marker card size measures 9" x 4-1/2".

**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.

**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.

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

## Weather-Code™ Outdoor Pipe Markers (continued)

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