

## Roll Form Pipe Markers

- Printed on premium-quality vinyl with durable, acrylic pressure sensitive adhesive
- Roll Form Pipe Markers comes with its own directional arrow which can be detached on perforation and placed on either side of the marker to indicate flow direction



**Description:** Seton's Roll Form Pipe Markers are made of durable 5 mil pressure-sensitive vinyl, overlaminated for added protection against chemicals and weathering.

**Use:** Seton's Roll Form Pipe Markers are designed for all pipemarking jobs, large or small. Each style of marker has the perforated design which enables each label and arrow to be applied in the selected flow direction, all in one convenient roll.

**Adhesive Type:** Acrylic pressure sensitive.

**Substrate Type:** Plastic film with a clear overlaminate.

**Compliance:** Roll Form Pipe Markers meet ASME/ANSI A13.1-2015 requirements.

**Standard Legend Colors:** Black and White

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

**Thickness (ASTM D 1593):** 0.005 in. (0.125mm.)

**Gloss:** 50 Gardner Units.

Standard Sizes/Dimensions:	Marker Size	Fits Pipe Outer Diameter
	6-1/2" x 1"	Up to 2-1/2"
	9" x 2"	2-1/2" thru 4"
	12" x 3"	4" thru 6"

## Roll Form Pipe Markers (continued)

**Adhesive Properties:** Adhesion to steel (PSTC-1)  
 15 min. dwell (Avg)—20 oz/in. (19 N/100 mm)  
 Ultimate (72 hrs. dwell) (Avg)—35 oz/in.(38 N/100)  
 Tack (ASTM D-2979) (Avg)—750g (7.2 N)  
 Drop shear (PSTC-7) (Avg.)—4 hrs.

**Minimum Application Temperature:** 50°F (10°C).

**Service Temperature:** -40°F to 248°F (-40°C to 120°C).

**Average Outdoor Durability:** 5 years (Average expected outdoor life of product will depend on user definition of failure, climactic conditions).

Chemical Resistance:	Reagent	7 day Immersion	Dip Test	Rub Test
	30% Sulfuric Acid	NE	NE	NE
	10% Sulfuric Acid	NE	NE	NE
	30% HCL	NE	NE	NE
	10% HCL	NE	NE	NE
	50% NaOH	F	NE	NE
	10% NaOH	F	NE	NE
	Acetic Acid	NE	NE	NE
	5% Acetic Acid	NE	NE	NE
	10% Ammonia	NE	NE	NE
	Methyl Ethyl Ketone	F	F	NE
	Acetone	F	F	NE
	Methanol	F	NE	NE
	1,1,1, Trichloroethane	F	F	NE
	IPA (Isopropanol)	F	NE	NE
	ASTM #3 Oil	NE	NE	NE
	SAE 20 Oil	NE	NE	NE
	Mineral Spirits	F	F	NE
	Diesel Fuel	F	NE	NE
	Heptane	F	NE	NE
	Toluene	F	F	NE
	Alconox	NE	NE	NE
	Kerosene	F	NE	NE
	20% Sodium Carbonate	NE	NE	NE
	2% Sodium Carbonate	NE	NE	NE
	10% NcCl	NE	NE	NE
	Bleach	NE	NE	NE
	Water	NE	NE	NE

NE: No Effect F: Failed

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

**Dip Test:** Five 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.