

GHS Self-Adhesive Pipe Markers

- Relay your hazardous messages at a glance with pipe markers using GHS pictograms which meet OSHA 1910.1200 (Hazard Communication standard)
- To indicate flow direction and/or provide extra adhesion, use Arrows-On-A-Roll™ Tape, sold separately



3 Types of Pipe Marker Installation



1. Adhesive Marker with Directional Arrow

2. Adhesive Marker with Arrows-On-A-Roll™ Tape

3. Adhesive Marker with Pipe Banding Tape & Directional Arrow

Description: Seton GHS Self-Adhesive 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. Pipe markers also meet OSHA Hazcom/GHS requirements with corresponding chemical name and GHS pictogram(s).

Use: Seton GHS Self-Adhesive 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: Seton GHS Self-Adhesive Pipe Markers meet ASME/ANSI A13.1-2015 standards and meets ANSI specifications for background and letter colors, length of field and letter height. Reference Safety Data Sheets (SDS) for additional specifications as they relate to GHS requirements.

Standard Legend Colors: Black or White

Standard Background Colors: Green, Orange 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

GHS Self-Adhesive 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.