

## PRODUCT DATA SHEET

### Self-Adhesive Electrical Markers

Self-adhesive Electrical Pipe Markers provide you with an economical way to mark your pipes of different sizes, control boxes, switches and circuit breakers.



#### SPECIFICATIONS

<b>Use</b>	Self-adhesive Electrical Pipe Markers are an economical way to mark many size pipes, control boxes, switches and circuit breakers.		
<b>Compliance</b>	Self-adhesive Electrical Pipe Markers meet ANSI specifications for background and letter colors.		
<b>Standard Legend Colors</b>	Black		
<b>Standard Background Colors</b>	Orange		
<b>Thickness (ASTM D 1593)</b>	Total 0.005 in. (0.125mm.)		
<b>Standard Sizes/Dimensions</b>	<b>Marker Size</b>	<b>Fits Pipe Outer Diameter</b>	<b>Markers/Card</b>
	AA	1-1/2" - 2-3/8"	1
	SC8	3/4" - 2-3/8"	4
	CC	3/4" or less	7
<b>Adhesive Properties</b>	6 Adhesion		
<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>Minimum Application Temperature</b>	0°F (-18°C).		
<b>Service Temperature</b>	-40°F to 180°F (-40°C to 82°C).		
<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>	Indefinite when stored at 70°F (21°C) and 40% to 50% R. H.		
<b>Average Outdoor Durability</b>	5-8 years (Average expected outdoor life of product will depend on user definition of failure, climactic conditions, mounting techniques, and material color).		

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### Self-Adhesive Electrical Markers (continued)

#### SPECIFICATIONS

##### Chemical Resistance

##### 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.

NE: No Effect    F: Failed

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
Glacial Acetic Acid	F	F	F
5% Acetic Acid	NE	NE	NE
10% Ammonia	NE	NE	NE
Conc. Ammonia	NE	NE	NE
Cellosolve Acetate	F	F	F
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
Turpentine	F	NE	F
Gasoline	F	NE	F
Water	NE	NE	NE