

Flexible Line Markers



Flexible Line Markers

The U.S. Department of Transportation requires the use of markers to indicate the approximate location of underground pipelines. Markers are located at road, railroad and navigable waterway crossings. Markers do not indicate the depth of the pipeline.

Specifications for the Flexible Line Marker covers the minimum material, mechanical and performance requirements of the fiberglass composite pipeline and cable marker as manufactured by ACP International.

This product shall be used to provide daytime and nighttime delineation for utilities or other marking application requiring assured long-term outdoor durability, vandal resistance, and impact resistance.

Recommended ACPA Uniform Color Code for Marking Underground Facilities

Underground Utility Markers will adhere to the following color codes:

	Electric
	Gas - Oil - Steam
	Communication CATV
	Water
	Sewer
	Reclaimed Water
	Proposed Excavation
	Parks and Recreation

Marker Display

- The material transported through the pipeline or the type of underground utility.
- The name of the pipeline operator.
- Toll-free emergency telephone number.

*WARNING

*DANGER

*CAUTION

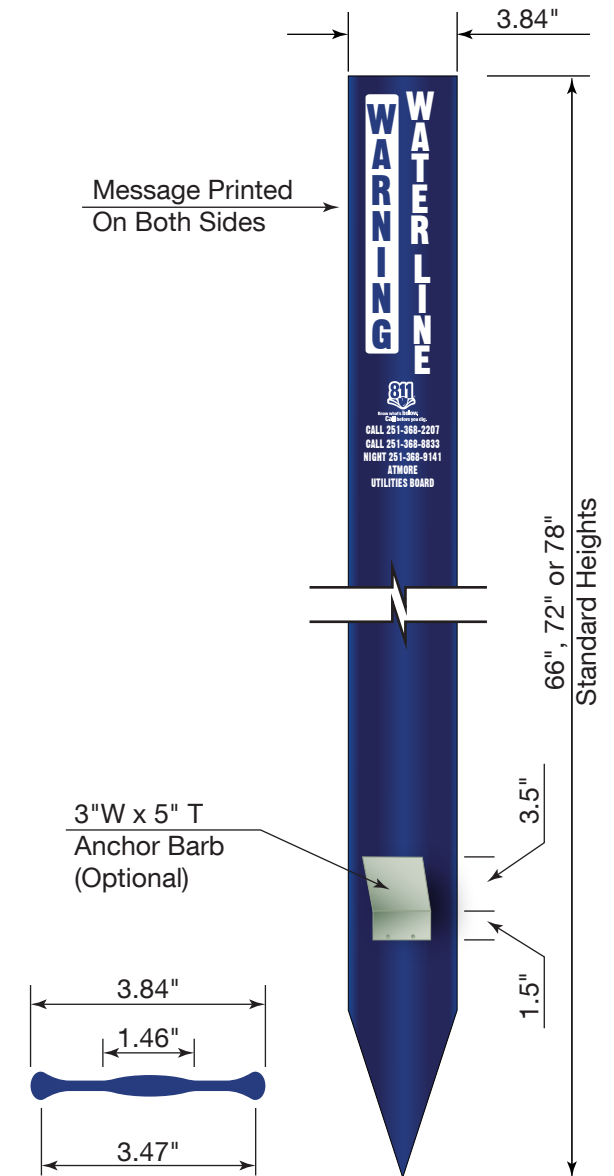
*Minimum 1 inch letter height.

Emergency Contact Information



Product Designation:
Water, Gas or Other

Message Printed
On Both Sides



Specification Sheet

Flexible Line Markers with Direct Printing



Drawn By:	Approved By:	Date:	Sheet No.:
J.Y. Rollins	M. Prince	02-05-14	1 of 2

Flexible Line Markers

Technical Description, Design and Material

The ACP International fiberglass composite pipeline and cable marker shall be a single piece, with single or double-sided print. The marker shall be capable of simple, permanent installation by a single person using a manual driving tool. The marker, upon proper installation shall resist displacement from wind, vehicle and livestock impact forces. The marker shall be of a constant I-Beam design and have a thicker middle cross sectional design that is reinforced by longitudinal ribs along each edge that shall protect both sides of the marker in the post driving process and also provide structural rigidity. The bottom end of the marker shall be pointed for ease of ground penetration.

The marker will be constructed of a durable, UV resistant, continuous glass fiber reinforced thermosetting composite material which is resistant to impact, ozone, and hydrocarbons within a service temperature of -80° F to +160° F.

The marker shall be designed to bend underneath the form of most cars and flex back undamaged into its upright position with a recommended embedment depth of 18-24" (depending on the softness of the ground) for all lengths of marker.

The marker shall come in white, orange, yellow, blue, brown, green, red, and purple. Custom colors or heights shall be available upon request.

The marker shall be pigmented throughout the entire cross section as to produce a uniform color, which is an integral part of the material. UV-resistant materials shall be incorporated in the construction to inhibit fading or cracking of the delineator upon field exposure.

Dimensions

All markers shall be 3.84" wide and weigh 0.55 lbs. per foot.

Printing Options: Direct Print

- Outdoor rated enamel ink (one color)

Description

Ultimate Tensile Strength, PSI
Ultimate Compressive Strength, PSI
Specific Gravity
Weight % Glass Reinforcement
Barcol Hardness

ASTM Standard

D-638 / D-3916
D-695
D-792
D-2584

Rating

75,000
50,000
1.8
60

Flexible Line Marker w/
15" reserved space for
printing on both sides

Flexible Line Marker
ACP-066 - 66"
ACP-072 - 72"
ACP-078 - 78"



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