Tag Line
Model 103

The Solinst Tag Line uses a weight attached to a laser marked cable, and is principally designed for use during the installation of monitoring wells. The Tag Line also provides a simple method to measure the depth to the bottom of a well.

The Tag Line is perfect for use when installing Solinst Model 403 CMT Multilevel Systems, as you can easily measure the depth to the top of a backfill sand or bentonite layer during the completion of a well. It is also ideal as a multi-purpose marked support cable.

The Tag Line uses durable polyethylene coated 1/16" (1.6 mm) stranded stainless steel wireline with a minimum break strength of 270 lbs (122 kg). It comes in standard lengths of 100 ft. to 1000 ft. (30 m to 300 m). Other lengths are available by request. The cable is mounted on a sturdy free-standing reel with a carrying handle, weight holder and brake.

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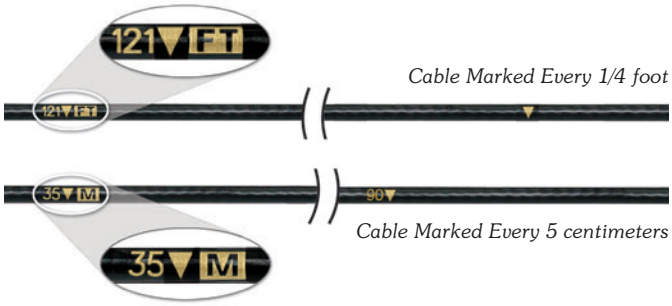


Laser Markings

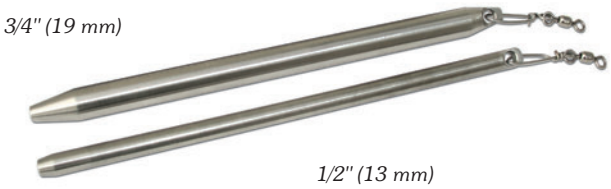
Markings are clearly and accurately laser etched every 1/4 foot or every 5 centimeters of the cable. The laser markings allow the cable to run smoothly over the Tape Guide.

Tape Guide

A Tape Guide is provided with each Tag Line. It can be placed over the top of the well casing for ease of use and to protect the wireline from damage on rough edges. When used properly the Tape Guide also increases reading accuracies.

316 Stainless Steel Tag

The standard stainless steel tag weight is 1.5 lbs (0.68 kg) and measures 3/4" x 1 ft. (19 mm x 30 cm). A narrow tag weight, 1/2" x 1 ft. (13 mm x 30 cm), weighing 0.65 lbs (0.30 kg), is also an option. Tag weights have tapered ends to minimize hang-ups during deployment and return to surface, and can be clipped on and off the cable. This allows the use of the reel-mounted marked cable for other uses, such as bailer, or pump, and packer deployment.



Applications Where Tag Lines Are Useful

- Accurately measure depth to backfill during well construction
- Measured safety support line for deployment of pumps, samplers and packers

Printed in Canada
August 31, 2010

For further information contact: Solinst Canada Ltd.
Fax: +1 (905) 873-1992; (800) 516-9081 Tel: +1 (905) 873-2255; (800) 661-2023
35 Todd Road, Georgetown, Ontario Canada L7G 4R8
Web Site: www.solinst.com E-mail: instruments@solinst.com

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