



**Innovative Products for
Telecommunications construction**

Telemark™ 1500 Fiber Optic Marker Locator Tape



A Unique Marker System That Traces Fiber Optic Lines Quickly and Easily

Now you can find your fiber optic lines without wasting time or risking damage to your facilities-with the **Telemark™** Fiber Optic Marker Locator Tape. This innovative marking system consists of two basic elements:

- Electronic marker locators attached to the warning tape at intervals of 20 feet
- A Marker Locator which pinpoints location of each marker

The path can be determined easily in a “connect the dot” fashion by placing a stake or flag over each marker as it is located.

The marker locators are attached to the telephone orange warning tape at intervals of 20 feet. The tape is designed to stretch when dug up by a backhoe and is installed like standard warning tape. Recommended placement depth is 18 inches below final grade. **Telemark™** marker locator tape is available in 3-inch width.

Reduces Lightning Damage and Other Problems Associated with Tracer Wire

Not only does the system provide a superior locating method, it eliminates the problems that commonly occur with tracer wire and other continuous-loop locating systems.

Until now, lightning strikes have been a source of fiber optic damage. Tracer wire wrapped around or buried over cable is a target for lightning. The system reduces lightning risk associated with tracer wire as well as many other conditions that can lead to locating problems including:

- Tracer wire breakage from excessive tension in ditch
- Rodent and gopher damage
- Anodic and chemical corrosion
- Flood damage
- Electronic splice failure
- Removal by homeowner
- Damage by other utilities

TELEMARK™ 1500 Fiber Optic Marker Locator Tape

Accurate Up To Two Feet

The markers in the marker locator tape are located at a nominal depth of two feet with the standard marker locator. The locator transmits a unique RF signal to the marker. The location is indicated with both a visual meter reading and an audible tone. Each marker is tuned to a frequency specific to the telephone industry, so there is no danger of another utility accidentally locating your facilities. The locator is simple to use and requires only a few minutes of training.

Features

Benefits

Non-continuous	Reduces lightning damage, improves safety
Audible and visual indication	Locating markers is easy, even in noisy areas
Compact, lightweight locator	Easy to carry, even over long periods of time
Easy operation	Less than ten minutes of training required
Frequency coded for Telecommunications	Will not locate other utilities markers
Ignores metal conduit and AC power	Increases reliability

Installation and Handling

Place the **Telemark™ 1500** marker locator tape no more than 18 inches below grade directly above the fiber optic line you wish to mark (minimum locator range 24"). Placement within 6 inches of a metallic object (such as metallic cable or pipe) may render the marker inoperable.

Specifications

Physical Specifications

Size	3" (folded) by 1000' (actual size 6" width)
Color	Orange (standard industry color)
Packaging:	1000 feet per roll
Max. Range	2 feet from locator probe

Marker Environmental Specifications

Operating Temperature	-40° to 167° F
Storage Temperature	-40° to 167° F

Ordering Information

Product Name	FiberOptic Marker Locator Tape
Number	1500
Packaging	1000' per roll

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