



# UNDERGROUND WARNING TAPE

## Technical Data



### Detectable Underground Warning Tape

Locate buried non-metallic pipes before you dig with MSI detectable underground warning tape. Marking Services detectable warning tape consists of a 5 mil overall thickness with a solid aluminum foil core. Formulated for extended use underground, our detectable warning tape provides resistance to acids, alkalis and other destructive agents normally encountered in soil. The imprinted warning message is encased to prevent ink deterioration and allows for total reflectivity.



### Non-Detectable Underground Warning Tape

Color-coded non-detectable underground warning tape from Marking Services helps guard against costly and dangerous “Dig-ins”. MSI’s non-detectable warning tape consists of a 4.0 mil overall thickness inert plastic film formulated to resist degradation due to acid and alkalis found in soil.

Recommended burial depths:  
Up to 24” – 3” Tape  
Over 24” – 6” Tape

### Physical and Chemical Characteristics

#### Non-Detectable Underground Warning Tape Test Data:

<b>Material Identification:</b>	4 Mil Polyethylene, 3” or 6” wide
<b>Test Procedure:</b>	ASTM-D-88, Method A
<b>Specimen Conditions:</b>	73°F/50% R.H.
<b>Test Temperature:</b>	73°F
<b>Elongation:</b>	552%
<b>Tensile Strength (Transverse):</b>	2,100 psi
<b>Tensile Strength (Longitudinal):</b>	2,870 psi
<b>Roll Weight (3” x 1000”)</b>	6 lbs.

#### Detectable Underground Warning Tape Test Data:

PROPERTY	METHOD	VALUE
Thickness	ASTM D2103	5.0 mils
Elongation	ASTM D882-75B	> 90%
Tensile Strength	ASTM D882	MD: 5530 psi TD: 4544 psi





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## Designation of Colors

Color Code	Swatch
Electric Power Lines, Cables, Conduit, and Lighting Cables	<b>Red</b>
Gas, Oil, Steam, Petroleum or Gaseous Materials	<b>Yellow</b>
Communication, Alarm or Signal Lines, Cable or Conduit	<b>Orange</b>
Potable Water	<b>Blue</b>
Sewers and Drain Lines	<b>Green</b>
Reclaimed Water, Irrigation and Slurry Lines	<b>Purple</b>
Temporary Survey Marking	<b>Pink</b>
Proposed Excavation	<b>White</b>

*Information on physical and chemical characteristics is based on tests we believe to be reliable. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material for their specific application.*

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