



# DETECTABLE 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. Tapes conform to the APWA color code specifications for underground tape systems.



Recommended burial depths:

Up to 24" – 3" Tape

Over 24" up to 36" max – 6" Tape

## Physical and Chemical Characteristics

<b>Base Material:</b>	LDPE/Aluminum
<b>Material Thickness:</b>	.005" (.127 mm)
<b>Service Temperature:</b>	n/a
<b>Application Temperature:</b>	n/a
<b>Chemical Resistance:</b>	Excellent
<b>Water Resistance:</b>	Excellent
<b>Expected Outdoor Durability:</b>	Excellent (5+ Years when buried)
<b>Storage Durability:</b>	5+ Years
<b>Abrasion Resistance:</b>	Excellent
<b>Mounting:</b>	n/a
<b>Finish:</b>	Gloss Finish
<b>Text Height:</b>	Customizable
<b>Typical Sizes:</b>	3" or 6" x 500 ft 3" or 6" x 1000 ft
<b>Standard Colors:</b>	See Chart Below
<b>Options:</b>	Custom Text Available

## Detectable Underground Warning Tape Test Data:

<b>Material Identification:</b>	5 mil Polyethylene sandwiched alum core, 3" or 6" wide
<b>Elongation:</b>	> 90% ASTM D882
<b>Tensile Strength (Transverse):</b>	5530 psi ASTM D882
<b>Tensile Strength (Longitudinal):</b>	4544 psi ASTM D882
<b>Roll Weight (3 in x 1000 ft):</b>	7 lbs.

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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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