

MAGNATEC®

PREMIUM DETECTABLE UNDERGROUND WARNING TAPE

KEY BENEFITS

- Polyester Top Layer Enhances Durability
- Polyextrusion Lamination Maximizes Bond Strength
- Buried Print Style Enhances Long Term Identification
- Ink-free Outer Edge Prevents Delamination

SPECIFICATIONS DETAILS

- Designed as a three-layer sandwich with a layer of foil encased between two layers of plastic.
- Aluminum foil is visible from both sides. Tape is locatable by conductive and inductive methods.
- Acid and alkali resistant nature prevents degradation.
- Tape identifies, locates and protects utility lines.
- Tape is supplied in accordance with the American Public Works Association (APWA) National Color Code.
- Available in seven colors - blue, green, yellow, red, orange, tan and purple.

PHYSICAL PROPERTIES AND TEST DATA

Property	Method	U.S. Value	Metric Value
Thickness Overall	ASTM D-2103	5.0 mil (Nominal)	.125 mm (Nominal)
Thickness Foil	ASTM D-2103	0.35 mil	8.89 microns
Weight	ASTM D-2103	27.5 lbs / 1000 ft ²	13.4 kg / 100 m ²
Tensile Strength	ASTM D-882	28.0 lbs/in width (6086 psi)	124.6 N (42.0 MPa)
Elongation	ASTM D-882	75% at break	75% at break
Printability	ASTM D-2578	>40 dynes	>40 dynes

APPROVALS

- Department of Transportation, Materials Transportation Bureau, Office of Pipeline Safety
- National Transportation Safety Board, Special Study Prevention of Damage to Pipeline
- Occupational Safety and Health Administration, Regulation for Location of Underground Utility Lines
- American Petroleum Institute, Recommended Practice For Marking Buried Liquid Petroleum Pipelines
- General Services Administration, Public Buildings Service Guide Specification for Mechanical & Electrical Equipment
- Rural Electrification Authority, U.S. Dept of Agriculture, National Electrical Safety Code for Underground Construction Hazards

