

THORTEC®

PREMIUM REINFORCED DETECTABLE UNDERGROUND WARNING TAPE

KEY BENEFITS

- Polyester Top Layer Enhances Durability
- Polyextrusion Lamination Maximizes Bond Strength
- Non-Distorting Nature Provides Exceptional Dig In Prevention
- Maximum Strength For Heavy Duty Plowing

SPECIFICATIONS DETAILS

- Designed as a three-layer sandwich with a layer of aluminum foil encased between two layers of plastic. Bottom layer is 100% virgin, warp oriented, ultra-high molecular weight, coated and close cross-woven reinforced polyethylene.
- Aluminum foil is visible from both sides. Tape is locatable by conductive and inductive methods.
- Ink-free outer edge prevents delamination. Acid and alkali resistant nature prevents degradation.
- Tape identifies, locates, and protects utility lines. Buried print style enhances long term identification.
- 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	7.0 mil (Nominal)	.175 mm (Nominal)
Thickness Foil	ASTM D-2103	0.35 mil	8.89 microns
Weight	ASTM D-2103	36.2 lbs / 1000 ft ²	17.6 kg / 100 m ²
Tensile Strength	ASTM D-882	95.0 lbs/in width (13,970 psi)	422.6 N (96.3 MPa)
Elongation	ASTM D-882	0% at break	0% 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

