

SHIELDTEC®

STANDARD STRETCH NON-DETECTABLE UNDERGROUND WARNING TAPE

KEY BENEFITS

- Tough, Basic Protection For Buried Cable or Pipe
- Designed For Service Lines and Non-Critical Metallic Lines
- Suitable For Open Trench Installations
- 100% Virgin Resin Guarantees Long Term Protection

SPECIFICATION DETAILS

- Consists of an inert low-density mono-layer polyethylene plastic film formulated for extended use underground.
- Colorfast lead-free pigments prevent discoloration in soil and contain no heavy metals.
- Acid and alkali resistant nature prevents degradation. Environmentally safe ink ensures permanent message.
- Designed to identify and protect buried utility lines.
- Tape is supplied in accordance with the American Public Works Association (APWA) National Color Code.
- Available in five colors - blue, green, yellow, red, and orange.

PHYSICAL PROPERTIES AND TEST DATA

Property	Method	U.S. Value	Metric Value
Thickness Overall	ASTM D-2103	4.0 mil (Nominal)	.1 mm (Nominal)
Weight	ASTM D-2103	18.0 lbs / 1000 ft ²	8.8 kg / 100 m ²
Tensile Strength	ASTM D-882	10.0 lbs/in width (2777 psi)	44.5 N (19.1 MPa)
Elongation	ASTM D-882	600%	600%
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

