



# UNDERGROUND MARKING TAPE

Manufacturing Specification Data Sheet

## STANDARD DETECTABLE

<u>Property</u>	<u>Test Method</u>	<u>U.S. Value</u>	<u>Metric Value</u>
Overall Thickness	ASTM D-2103	5.0 Mil (Nominal)	0.125 mm
Foil Thickness	ASTM D-2103	0.35 Mil	8.89 microns
Weight	ASTM D-2103	25 lbs/1000 ft <sup>2</sup>	12.3 kg/100 m <sup>2</sup>
Tensile Strength	ASTM D-882	7798 PSI 35.1 lbs/in width	53.8 MPa 156.1 N
Elongation	ASTM D-882	110%	110%
Printability	ASTM D-2578	> 40 dynes	> 40 dynes

### Key Features and Benefits

- \* *Three layer lamination - aluminum foil between two plastic layers*
- \* *Identifies, protects, and locates buried lines*
- \* *Locatable by inductive and conductive methods*
- \* *Suitable for open trench applications*
- \* *Lead-free pigments maintain color vibrancy in the soil*
- \* *Acid and alkali resistance enhances long term integrity in the ground*
- \* *Environmentally safe buried print ensures long lasting warning message*
- \* *Meets American Public Works Association (APWA) National Color Code*
- \* *Available in blue, green, yellow, red, orange, and purple background with black lettering*

### Approvals

- \* U.S. DOT, Office of Pipeline Safety
- \* NTSB, Prevention of Damage to Pipeline Study
- \* OSHA, Location of Underground Utility Lines Regulation
- \* API, Recommended Practice For Marking Buried Petroleum Pipelines
- \* GSA, Public Buildings Mechanical & Electrical Equipment Specification
- \* REA, National Electrical Safety Code for Underground Construction



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