



UNDERGROUND WARNING TAPE

Technical Data



Underground Warning Tape

Color-coded non-detectable underground warning tape from Marking Services helps guard against costly and dangerous “Dig-ins”. MSI’s non-detectable warning tape consists of a 4 mil overall thickness inert plastic film formulated to resist degradation due to acid and alkalis found in soil.

Physical and Chemical Characteristics

Base Material:	LDPE
Material Thickness:	.004" (.1 mm)
Service Temperature:	n/a
Application Temperature:	n/a
Chemical Resistance:	Excellent
Water Resistance:	Excellent
Expected Outdoor Durability:	Excellent (5+ Years when buried)
Storage Durability:	5+ Years
Abrasion Resistance:	Excellent
Mounting:	n/a
Finish:	Satin Finish
Text Height:	Sized to fit within tag boundary or comply with specified height
Typical Sizes:	3" or 6" x 500 ft 3" or 6" x 1000 ft
Standard Colors:	See Chart Below
Options:	Custom Text Available

Underground Warning Tape Test Data:

Material Identification:	4 Mil Polyethylene, 3" or 6" wide
Elongation:	552% ASTM D882
Tensile Strength (Transverse):	2,100 psi ASTM D882
Tensile Strength (Longitudinal):	2,870 psi ASTM D882
Roll Weight (3 in x 1000 ft):	6 lbs.



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Designation of Colors

Color Code	Swatch
Electric Power Lines, Cables, Conduit, and Lighting Cables	Red
Gas, Oil, Steam, Petroleum or Gaseous Materials	Yellow
Communication, Alarm or Signal Lines, Cable or Conduit	Orange
Potable Water	Blue
Sewers and Drain Lines	Green
Reclaimed Water, Irrigation and Slurry Lines	Purple
Temporary Survey Marking	Pink
Proposed Excavation	White

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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