



MARKING SERVICES, INC.

UNDERGROUND WARNING TAPE

NON-DETECTABLE UNDERGROUND WARNING

Marking Services Non-detectable warning tape consists of a nominal 4.0 mil overall thickness inert plastic film, formulated to resist degradation due to acid and alkalis found in soils.

DETECTABLE UNDERGROUND WARNING TAPE

Marking Services Detectable warning tape consists of a nominal 4.5mil overall thickness, with no less than 50 gauge (0.0005") solid aluminum foil core, formulated for extended use underground (resistant to acids, alkalis and other destructive agents normally encountered in the soil). The imprinted warning message is "buried" or "encased" to prevent ink deterioration. The imprint allows for total reflectivity.

PHYSICAL & CHEMICAL CHARACTERISTICS

NON-DETECTABLE UNDERGROUND TAPE TEST DATA:



Material Identification:	4 Mil Polyethylene, 3" or 6" wide
Test Procedure:	ASTM-D-88, Method A
Specimen Conditions:	73° F/ 50% R.H.
Test Temperature:	73° F
Elongation:	552%
Tensile Strength (Transverse):	2,100 psi
Tensile Strength (Longitudinal):	2,870 psi
Roll Weight (3" x 1000'):	6 lbs.

DETECTABLE UNDERGROUND TAPE TEST DATA:



PROPERTY	METHOD	VALUE
Thickness	ASTM D2103	4.5 mils
Elongation	ASTM D882-75B	> 90%
Tensile Strength	ASTM D882	MD: 5530 psi TD: 4544 psi

SIZES	RECOMMENDED BURIAL DEPTH
3" x 1000'	< 24"
6" x 1000'	> 24"

COLOR CODE

RED: Electric Power Lines, Cables, Conduit, and Lighting Cables
 YELLOW: Gas, Oil, Steam, Petroleum or Gaseous Materials
 ORANGE: Communication, Alarm or Signal Lines, Cables or Conduit
 BLUE: Potable Water
 GREEN: Sewers and Drain Lines
 PURPLE: Reclaimed Water, Irrigation and Slurry Lines
 PINK: Temporary Survey Marking
 WHITE: Proposed Excavation

Meets APWA recommended color codes.

Example of sample text: "CAUTION BURIED WATER LINE BELOW " (or similar wording)

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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