Marking Services Incorporated

DETECTABLE UNDERGROUND WARNING TAPE

Technical Data

Detectable Underground Warning Tape

Locate buried non-metallic pipes before you dig with MSI detectable underground warning tape. Marking Services detectable warning tape consists of a 5 mil overall thickness with a solid aluminum foil core. Formulated for extended use underground, our detectable warning tape provides resistance to acids, alkalis and other destructive agents normally encountered in soil. The imprinted warning message is encased to prevent ink deterioration and allows for total reflectivity.

Physical and Chemical Characteristics

Base Material:	LDPE/Aluminum
Material Thickness:	.005" (.127 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:	Gloss Finish
Text Height:	Customizable
Typical Sizes:	3" or 6" by 1000 Ft
Standard Colors:	See Chart Below
Options:	Custom Text Available
Chemical Table:	n/a

Detectable Underground Warning Tape Test Data:

Material Identification:	5 mil Polyethylene sandwiched alum core, 3" or 6" wide
Elongation:	> 90% ASTM D882
Tensile Strength (Transverse):	5530 psi ASTM D882
Tensile Strength (Longitudinal):	4544 psi ASTM D882
Roll Weight (3 in x 1000 ft):	7 lbs.

8265 N. Faulkner Road, Milwaukee, WI 53224
Ph: 800.234.0135 | Email: sales@markserv.com | Website: www.markserv.com

Marking Services Incorporated

DETECTABLE UNDERGROUND WARNING TAPE

Technical Data

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.

Updated on 2/2/2022

8265 N. Faulkner Road, Milwaukee, WI 53224

Ph: 800.234.0135 | Email: sales@markserv.com | Website: www.markserv.com