

DETECTABLE & NON-DETECTABLE TAPE

650 588-2241
fax 650 873-6952

Underground Locating Tape *Non-Adhesive*



<i>DETECTABLE</i>	Size:	Catalog #:	
	2" x 1000'	D2	Detectable
	3" x 1000'	D3	Detectable
	6" x 1000'	D6	Detectable

Detectable tape is a metallized tape for use with non-metallic lines. Color coded and imprinted with name of line to be protected. This tape is usually installed below grade approx. 6" from the surface and can be located by any standard pipe locator. This tape is installed by utilities for gas, water, sewer, electric lines, etc. It can be tied in at valves, risers, etc. for easy reading without using stakes. It is easily locatable even if severed by prior diggings.

<i>NON DETECTABLE</i>	Size:	Catalog #:	
	3" x 1000'	ND3	Non-Detectable
	6" x 1000'	ND6	Non-Detectable

A non-metallic warning tape, not to be used for detection purposes. Color coded and imprinted with name of line to be protected.

The following legends are all printed with black letters on the background listed below.

CAUTION: WATER LINE BURIED BELOW	Blue background
CAUTION: SEWER LINE BURIED BELOW	Green background
CAUTION: GAS LINE BURIED BELOW	Yellow background
CAUTION: ELECTRIC LINE BURIED BELOW	Yellow or Red background

Special legends are available. Please call for availability and pricing.

Detectable Underground Utility Marking Tape

Specifications, Test Data, Approvals, & Color Code

I. SPECIFICATIONS

Consists of a minimum of 5.0 mil (0.0050") overall thickness, with no less than a 50 gauge (0.0005") solid aluminum foil core. The foil core and printing shall be encased in a protective plastic jacket with the foil visible through the clear protective jacket on the unprinted side to ensure signal continuity and metal content. The protective jacket and the adhesive bond are specially formulated to resist degradation by elements normally encountered in the soil. The background color coding shall extend the full width and be imprinted in black ink with the appropriate warning message.

II. TEST DATA

<u>PROPERTY</u>	<u>METHOD</u>	<u>VALUE</u>
Thickness	ASTM D2103	5.0 mils
Tensile strength	ASTM D882	28 lbs/inch (5600psi)
Elongation	ASTM D882-75B	< 80% @ break
Printability	ASTM D2578	>50 dynes/cm ²
Flexibility	ASTM D671-76	pliable hand
Inks	Mfrg. Specs	heat set Mylex
Message Repeat	Mfrg. Specs	every 20 inches
Foil	Mfrg. Specs	deadsoft/annealed
Top Layer	Mfrg. Specs	virgin PET
Bottom Layer	Mfrg. Specs	virgin LDPE
Adhesives	Mfrg. Specs	>30% solid, 1.5H/R
Bond Strength	Boiling H2O	>5 hours w/o peel
Colors	APWA Code	See below

Non-Detectable Underground Utility Marking Tape

Specifications, Test Data, Approvals and Color Code

I. SPECIFICATIONS

Non-detectable acid and alkali-resistant safety warning tape for the protection, location, and identification of underground utility installations. Consists of a minimum 4.0 mil (0.004") overall thickness, inert 100% virgin low density with the A.P.W.A. national color code and shall be permanently imprinted in black, environmentally safe, ink with an appropriate legend to define the type of utility line it protects. ShieldTec is impregnated with color-fast lead-free, organic pigments suitable for direct burial and prolonged exposure to the elements normally encountered in the earth's soils.

II. TEST DATA

<u>PROPERTY</u>	<u>METHOD</u>	<u>VALUE</u>
Thickness	ASTM D 2103	4.0 mils
Tensile strength	ASTM D 882	10.64 lbs/1"
-MD		2660 psi
-TM		2590 psi
Elongation	ASTM D 882-75B	500% Average
-MD		410%
-TM		580%
Impact Resistance	ASTM D 1709; Method A	288 grams
Printability	ASTM D 2578	>40 dynes/cm ²
Standard Specification	ASTM D 2103-86	1,3,3,2,1
Flexibility	ASTM D 671-76	pliable hand
Inks	Mfrg. Specs	heat set Mylex
Message Repeat	Mfrg. Specs	every 20 inches
Composition	Mfrg. Specs	virgin LLDPE/LDPE
Color	APWA Code	See below