



Detectable Underground Utility Marking Tape Specifications, Test Data & Color Codes

1. Specifications

Tape consists of a minimum 5.0* mil overall thickness, with a 0.35 mil (0.00035”) solid aluminum foil core. Construction is 0.8 mil clear film, reverse print laminated to an aluminum foil to 3.75 MIL clear film, making the film permanently printed and plowable. All Presco Products tape meets or exceeds the industry standards including the American Public Works Association (APWA) color code.

2. Test Data

<u>Test Data</u>	<u>Method</u>	<u>Value</u>
Thickness	ASTMD2103	5.0 mil
Tensile Strength	ASTMD882	35 lbs/inch (7,000 PSI)
Elongation	ASTMD882-75B	80 %
Colors	APWA CODED	See below
Bond Strength	BOILING WATER	5 hours w/o peel
Adhesives	MFG. SPECS	Morton 548 or equivalent
Bottom Layer	MFG. SPECS	Virgin PE
Top Layer	MFG. SPECS	Virgin PET
Foil	MFG. SPECS	Industry Standard
Message Repeat	MFG. SPECS	Varies per legend
Inks	MFG. SPECS	AXL II
Flexibility	ASTM 671-76	Pliable hand
Printability	ASTMD 2578	45 Dynes

3. Color Code

Blue	Water & Associated Lines
Brown	Force Mains & Associated Lines
Green	Sanitary & Associated Lines
Orange	Telecommunications & Telephone Lines
Purple	Reclaimed Water Lines
Red	Electric & Associated Lines
Yellow	Gas & Associated Lines

4. Burial Depths

Maximum Detectable Burial range is as follows. Bear in mind the types of locators utilized have a direct input on depth.

2”	6” to 12”
3”	12” to 24”
6”	22” to 30”

** Values are a nominal + or - 10% to allow for manufacturing variance*