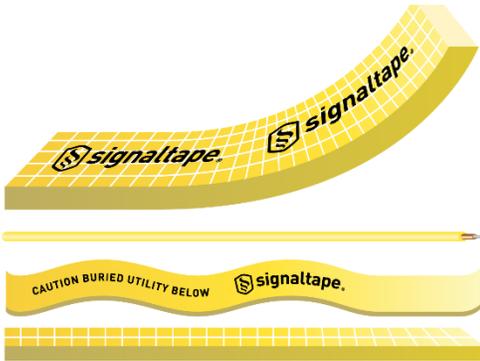


Signaltape® Underground Warning Tape | Technical Data Sheet

Features and Benefits

- ✓ **Mechanical Protection** Use of a high tensile core material in a sinusoidal wave shape allows the tape to pull to the surface fully without shearing underground.
- ✓ **Optionally Detectable** Tape can be embedded with tracer wire for reliable detection capability.
- ✓ **Efficient Labeling** Customizable printed legend allows for inclusion of emergency contact information, disclosure of contents, and full-color logos.
- ✓ **Easy Handling** Tape lays flat and the woven film does not easily tear making for a quick and easy installation.

Physical Properties and Test Methods

Property	Component	Test Method	Value
Weight	4" Width Product	Mfg. Tested	28 lbs/1000 ft
	6" Width Product	Mfg. Tested	35 lbs/1000 ft
	12" Width Product	Mfg. Tested	55 lbs/1000 ft
Thickness	Film Layers	ASTM D2103	11 mil
	Film + Core Material	ASTM D2103	80 mil
Break-Strength	Core Material	ASTM D6775	3,000 lbf

Property	Component	Value
Elongation	4" & 6" Width Product	25% - 1.25/1 ratio of core material slack to film run
	12" Width Product	50% - 1.5/1 ratio of core material slack to film run
	Core Material	3 to 4% at ultimate break, less than 1.5% at 90% of ultimate break strength

Property	Value
Chemical Resistance	Excellent resistance to acids. Good resistance to alkalis.
Other Properties	Not attracted by mildew. Excellent resistance to aging.

Note: The values above do not include tracer wire. Values are based on averages and may vary slightly.

Customization Options

- Width: 4", 6", 12"
- Colored Film: Red, Orange, Yellow, Green, Blue, Purple
- PE (30) Jacketed Tracer Wire: 14 AWG CCS or 12 AWG CCS

Product Composition

- 100% Polyethylene Woven Film
- Para-Aramid Fiber Core
- PE (30) Jacketed Tracer Wire (Optional)

Build America, Buy America Compliant



Signaltape® Underground Warning Tape | Technical Data Sheet

Standard Legend Options	
Water	Line 1: Caution / Line 2: Buried Water Line Below / Blue Film / White Text
Reclaimed Water	Line 1: Caution / Line 2: Reclaimed Water Below / Purple Film / White Text
Sewer	Line 1: Caution / Line 2: Buried Sewer Line Below / Green Film / White Text
Electric	Line 1: Caution / Line 2: Buried Electric Line Below / Red Film / Black Text
Fiber Optic	Line 1: Caution / Line 2: Buried Fiber Optic Line Below / Orange Film / Black Text
Gas	Line 1: Caution / Line 2: Buried Gas Line Below / Yellow Film / Black Text

Part Number Structure	
Product	Signaltape (SX)
Width	4 inch (04), 6 inch (06), 12 inch (12)
Color	Red (R), Orange (O), Yellow (Y), Green (G), Blue (B), Purple (P)
Tracer Wire	None (N), PE 30 Jacketed 14 AWG Copper Clad Steel Tracer Wire (14 AWG CCS), PE 30 Jacketed 12 AWG Copper Clad Steel Tracer Wire (12 AWG CCS)

Formula: ProductWidth-Color Tracer Wire | Example: SX04-R 12 AWG CCS