

TERRA TAPE®

SENTRY LINE® REINFORCED DETECTABLE



■ Description

Sentry Line® Reinforced Detectable is a four layer laminate consisting of 100% virgin solid pigmented polyolefin film, polyester laid scrim, solid aluminum foil and a clear encapsulating film.



■ Features and Benefits

- A clear protective film allows a full view of the foil to ensure continuity. The solid core provides detectability utilizing either the inductive or conductive modes using a pipe and cable locator.
- Terra Clips (available as an accessory item) are designed to allow you to connect multiple rolls, laterals or tees while maintaining electrical continuity.
- The material and ink are chemically inert and will not degrade when exposed to acids, alkalies and other destructive substances commonly found in soil.

- The ink used to print the material is permanent and cannot be removed by normal handling or upon burial.
- Sentry Line Reinforced Detectable is available in the colors orange and red. Other colors may be available upon request.

■ Suggested Applications

- Designed to protect, identify and locate underground utility lines.

■ Physical Properties & Typical Values

PROPERTY	ASTM TEST METHOD		U.S. VALUE	METRIC VALUE
Thickness Overall	D-2103		8.0 MIL	0.20 mm
Weight	D-751		43 LBS/1000 FT ²	21 Kg/100 m ²
3" Load @ Yield	D-882	MD	125 LBF	556 N
		TD	140 LBF	623 N
6" Load @ Yield (Calculated Value)	D-882	MD	250 LBF	1112 N
		TD	280 LBF	1246 N
3" Load @ Break	D-882	MD	70 LBF	311 N
		MD	2917 Psi	20.1 Mpa
Elongation	D-882	MD	275%	275%
Tongue Tear	D-2261		12 LBF	53 N
Trapezoidal Tear	D-4533		24 LBF	107 N
PPT Resistance	D-2582		25.0 LBF	110 N
Dart Impact	D-1709 (B)		1.6 LBS	0.7 Kg.
Printability	D-2578		≥ 40 Dynes	≥ 40 Dynes

The information provided herein is based upon data believed to be reliable. All testing is performed in accordance with ASTM standards and procedures. All values are typical and nominal and do not represent either minimum or maximum performance of the product. Although the information is accurate to the best of our knowledge and belief, no representation of warranty or guarantee is made as to the suitability or completeness of such information. Likewise, no representation of warranty or guarantee, expressed or implied, or merchantability, fitness or otherwise, is made as to product application for a particular use.