

PHYSICAL PROPERTIES AND TYPICAL VALUES

PROPERTY	ASTM TEST METHOD	U.S. VALUE	METRIC VALUE
Thickness Overall	D-2103	7.0 MIL	0.17 MM
Thickness Foil Core	D-2103	0.35 MIL	8.89 Microns
Weight	D-2103	32 LBS/1000 FT ²	15.6 KG/100 M ²
3" Tensile	D-882	300 LBF	1334 N
		15300 PSI	105.5 MPA
Elongation	D-882	20 %	20 %
Tensile	D-5034	135 LBF	600 N
Elongation		20%	20%
Tensile	D-5035	55 LBF	245 N
Elongation		8%	8%
PPT Resistance	D-2582	8.0 LBF	35.6 N
Printability	D-2578	≥ 40 Dynes	≥ 40 Dynes

FEATURES

- Sentry Line Reinforced Detectable is a tri-layer laminate consisting of a coated woven scrim, a solid foil core, and a clear encapsulating film. It is designed to protect, identify and locate underground utility lines.
- The solid foil core is encased between an HDPE scrim coated with 100% virgin polyolefin pigmented resins and a clear protective film that 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 ink used to print the material is permanent and cannot be removed by normal handling or upon burial.
- The material and ink are chemically inert and will not degrade when exposed to acids, alkalis and other destructive substances commonly found in soil.
- Sentry Line Reinforced Detectable is available in the colors orange and red. Other colors may be available upon request.

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.

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