

## TERRA TAPE®

### DIAMOND DETECTABLE®

Designed to protect, identify and locate underground utility lines.

#### ■ Description

Diamond Detectable® is a 4-ply laminate composed of a virgin (PET) film, solid core aluminum foil, and clear virgin polyethylene film that is bonded together with molten polyethylene and printed with colored ink in a diamond pattern yielding an 80% or greater color fill pattern with an overlapping message in contrasting color for high visibility.



#### ■ Features and Benefits

- The diamond pattern and clear protective film on the backside allow 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, alkalis and other destructive substances commonly found in soil.
- Diamond Detectable® is available in the colors red, orange, yellow, blue, purple, and green. Other colors may be available upon request.

#### ■ Physical Properties & Typical Values

PROPERTY	ASTM TEST METHOD		U.S. VALUE	METRIC VALUE
Thickness Overall	D-2103		5.0 MIL	0.125 mm
Weight	D-751		28 LBS/1000 FT <sup>2</sup>	12.7 Kg/100 m <sup>2</sup>
3" Load @ Yield	D-882	MD	70 LBF	311 N
		TD	70 LBF	311 N
6" Load @ Yield (Calculated Value)	D-882	MD	140 LBF	622 N
		TD	140 LBF	622 N
3" Load @ Break	D-882	MD	40 LBF	178 N
		MD	2600 Psi	26.4 Mpa
Elongation	D-882	MD	200%	200%
Tongue Tear	D-1938		2.9 LBF	12.9 N
Trapezoidal Tear	D-4533		9.4 LBF	41 N
PPT Resistance	D-2582		7.5 LBF	33 N
Printability	D-2578		≥ 40 Dynes	≥ 40 Dynes



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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.