

## TERRA TAPE®

### DIAMOND DETECTABLE® REINFORCED

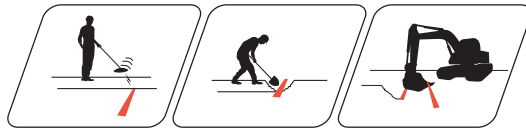
Designed to protect, identify and locate underground utility lines.

#### ■ Description

Diamond Detectable® Reinforced is a 5-ply laminate composed of a virgin (PET) film, solid core aluminum foil, high strength polyester cord layed in a overlapping grid pattern, 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.

#### Ideal Tape Placement:

3" width up to 24" deep • 6" width up to 36" deep



#### ■ 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, alkalies and other destructive substances commonly found in soil.
- Diamond Detectable® Reinforced is available in the colors orange, red, blue, yellow, green, and purple. Other colors may be available upon request.

#### ■ Physical Properties & Typical Values

PROPERTY	ASTM TEST METHOD	U.S. VALUE	METRIC VALUE
Thickness Overall	D-2103	8.0 MIL	0.20 mm
Thickness Foil Core	D-2103	0.35 MIL	8.89 microns
Foil Purity	-	99%	99%
Weight	D-751	43 LBS/1000 FT <sup>2</sup>	21 Kg/100 m <sup>2</sup>
3" Load @ Yield	D-882	MD 140 LBF	622 N
		TD 130 LBF	528 N
6" Load @ Yield (Calculated Value)	D-882	MD 280 LBF	1244 N
		TD 260 LBF	1156 N
3" Load @ Break	D-882	MD 70 LBF	311 N
		MD 2917 Psi	20.1 Mpa
Elongation	D-882	MD 110%	110%
Tongue Tear	D-2261	12 LBF	53 N
Trapezoidal Tear	D-4533	30 LBF	133 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.