



ZIP STRAP SEASONAL VINEYARD ADJUSTABLE PLANT TIE. TEAR 2" LENGTH INCREMENTS

**LOWER TOTAL COSTS
WITH HIGHER YIELDS**

Technical Datasheet **ZS10B**

Product Description

Boa Fang Zip Tie is designed for adjustable cinching, bundling and staking with low adverse scarring or girdling of stems, vines and trunk branches.

16 rolls of 140 Meters (2 ROLLS OF 70M) 2240 Meters per case, typical usage is 100 Meters per acre, 10 acres per case.

Key Features

- Quick application zip tie for all agricultural plant tethering. Strength of 5 kilos average.
- **Auto-Tie Tool COMING SOON**
- Tie and box field disposal which safely composts to soil in 6 months in most conditions end of life.
- Can be applied loose or tight. Quick and easy to loosen or tighten by adjusting the zip.
- FDA food grade approved materials. Made from renewable and renewed resources.
- Engineered environmentally friendly replacement to toxic vinyl tape, psa tapes, wire ties.
- Maintains integrity in sunny and wet conditions for 1 season depending on environment
- Tooth design and Smooth surface minimizes scarring and girdling stress on plant
- Tear resistance when wet. High Wind and rain tolerant.
- Zip only 5 Kilos 11 lbs. or Wrap and Zip tie 15 Kilos 33 lbs.
- Easily remove eliminates end of season collection of tie trash saving in labor
- Plant performance increases for more profits.



Applications

- Staking of nursery plants for transportation and seasonal staking and vine and stem tethering.
- Train and Tether of vines, stems and branches for single season. No field trash removal required.

Materials

- PAPER 16 Point Clay Coated Kraft Fiber Wet Strength Carrierboard

Boa Fang Comparison Chart Seasonal Agriculture

Characteristics/Products	Best Cost with Tool	Field Safe Compostable Green	Adjustability and Reusable	Weather resistance/Longevity	Low Adverse Impact on Plant	High Speed/Low Adverse Impact on Worker	Compostable and Renewable
Staple / Zip Strap	😊	😊	😊	😊	😊	😊	😊
Vinyl Tape	😞	😞	😞	😊	😞	😊	😞
Zip Ties	😞	😞	😊	😞	😞	😊	😞
Twine	😞	😊	😊	😞	😞	😊	😊
Ixtle / Twist Ties	😊	😞	😞	😞	😞	😞	😞
Ribbon/Denim	😞	😊	😞	😞	😊	😞	😊
Plastic Strapping	😊	😞	😞	😊	😞	😞	😞

CLAY + PAPER =



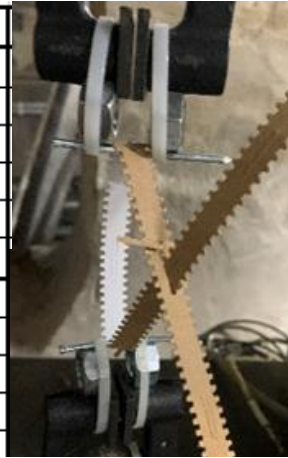
VINYL + PLASTIC =



Key	
LOW	😊
MEDIUM	😞
HIGH	😞

DRY & WET

ZS10B (ZIP ONLY)	
Max Load	14.05 lbs
Average Load	11.90 lbs
Min Load	10.38 lbs
Average Stress	11.90 psi
Standar Dev.	1.33 lbs
ZS10B (ZIP ONLY) WET	
Max Load	13.75 lbs
Average Load	10.49 lbs
Min Load	9.44 lbs
Average Stress	10.49 psi
Standar Dev.	1.04 lbs



ZS10B (WRAP AND ZIP)	
Max Load	36.84 lbs
Average Load	35.74 lbs
Min Load	34.37 lbs
Average Stress	35.74 psi
Standar Dev.	0.79 lbs
ZS10B (WRAP AND ZIP) WET	
Max Load	27.32 lbs
Average Load	25.44 lbs
Min Load	23.63 lbs
Average Stress	25.44 psi
Standar Dev.	1.15 lbs

