



ZIP STRAP ANNUAL ORCHARD ADJUSTABLE PLANT TETHER. TEAR 2" LENGTH INCREMENTS

LOWER TOTAL COSTS
WITH HIGHER YIELDS



REPLACE ALL
VINYL TAPES

Technical Datasheet **ZS10E**

Product Description

Boa Fang Zip Tie is designed for use in plant cinching, bundling, tutoring, tethering and staking applications with minimal rubbing stress or girdling of the plant.

16 rolls of 130 Meters (2 ROLLS OF 65M) 2080 Meters per case, typical usage is 100 Meters per acre, 9 acres per case.

Key Features

- Quick application zip tie for all agricultural plant tethering. Strength of 14 Pounds average.
- Auto-Tie Tool COMING SOON**
- Tie and box field disposal at end of life. Composts to soil in approximately 1 year most conditions.
- 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 2 Year life span or higher 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 14lbs. 6 kilos Wrap and Zip tie 40lbs.18 Kilo's
- Easily remove eliminates end of season collection of tie trash saving in labor
- Plant performance increases for more profits.



Industries

- Commercial Nursery
- Consumer Gardening
- Agriculture Field
- Industrial Packaging
- Hydroponics
- Green House

·LAMINATE .16 Point Wet Strength Carrierboard 2 MIL PLA CORN BASED COMPOSTABLE FILM

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 + CORN FILM =

VINYL + PLASTIC =

Key	
LOW	😊
MEDIUM	😞
HIGH	😞

DRY & WET

ZS10E (ZIP ONLY)	
Max Load	17.91 lbs
Average Load	14.77 lbs
Min Load	13.07 lbs
Average Stress	14.77 psi
Standar Dev.	1.38 lbs

ZS10E (ZIP ONLY) WET	
Max Load	15.12 lbs
Average Load	11.92 lbs
Min Load	10.11 lbs
Average Stress	11.92 psi
Standar Dev.	1.49 lbs



ZS10E (WRAP AND ZIP)	
Max Load	46.49 lbs
Average Load	42.10 lbs
Min Load	37.29 lbs
Average Stress	42.10 psi
Standar Dev.	2.23 lbs

ZS10E (WRAP AND ZIP) WET	
Max Load	36.69 lbs
Average Load	34.44 lbs
Min Load	32.65 lbs
Average Stress	34.44 psi
Standar Dev.	1.08 lbs

