

Tubex Nature Ventex™

BIODEGRADABLE
TREE PROTECTION

OUR VENTILATED 100% BIODEGRADABLE TREE SHELTERS FOR WARMER CLIMATES

Tubex Nature Ventex™ is our ventilated 100% biodegradable tree shelter. Ideal for warmer climate areas due to its ventilation holes that improve growing conditions, protect growing trees from wildlife damage with an estimated service life of 3 years, designed for hard-to-reach areas where collection isn't possible.

Ventex's design results from research conducted along the INRAE (French Institute for Research in Agriculture, Food and Environment) to optimise the growing conditions inside the shelter: temperature, ventilation, humidity, CO2 concentration, and light transmission.



BENEFITS

- **Ventilated** - Ventilation holes at the bottom of the shelter allow upward air flow within the tube whilst still maintaining higher humidity. The perfect combination of higher moisture, increased carbon dioxide and ideal light transmission boosts stem diameter growth in dry warm conditions.
- **Biodegradable in situ** - Made from bio-based materials derived from starch, plant and vegetable sources. Externally tested against ISO 17556 to show soil biodegradability and independently tested to show biodegradation both on soil and in soil at ambient temperatures. Over time, they will breakdown into water and CO2 through a microbiological process.
- **Non-toxic** - Externally tested against OECD 207 & 208.
- **Proven performance** - Robust twin-walled construction tested to perform with an estimated 3 years service life, offering protection against browsing animals, whilst providing excellent light transmission to facilitate growth.
- **Additional fixing holes** - to secure extra ties on extremely exposed sites or during subsequent beat-up operations ensuring a strong connection to the supporting stake.
- **Easy installation** - Includes pre-fitted releasable standard or biodegradable* ties.

* for this option the whole shelter system is 100% biodegradable; wooden stake, shelter & biotie.

PRODUCT SPECIFICATIONS

Dimensions	Ventex 1.2m	Ventex 1.5m
Height (m)	1.2	1.5
Diameter (mm)	81, 91, 100.5, 110, 119	81, 91, 100.5, 110, 119
Av. Weight per Tube (g)	175, 202, 224, 245, 274	220, 254, 280, 307, 343
Number of Ties	2	3
Tie Location from Bottom (mm)	250mm & 935mm	250mm & 1225mm
Material		
Tube	Bio-based Blend	
Colour	Light Brown	
Service Life*	3 Years	
Manufacturing Tolerance	-2.5cm	
Recommended Support	minimum 25mm x 25mm square stake 25% longer than shelter	minimum 32mm x 32mm square stake 25% longer than shelter
Packaging		
Tubes per Nest	5	
Tubes per Bundle	60	
Bag, Box or Strap Banded	Strap Banded	

*Product longevity is dependent on site and weather conditions and cannot be guaranteed.

TUBEX NATURE™ products are designed to naturally biodegrade over time. Due to this property, Tubex advise Nature products are not used near roads, pathways or locations where disintegration fragments could pose safety risks. For such applications, we recommend our [Recyclable Range](#). TUBEX® accepts no liability for use or installation of the products in unsuitable environments.

Twin wall

Minimises weight while maximising strength



Reinforcing Rods

To ensure zip ties cannot be ripped out



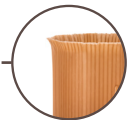
Pre-fitted releasable zip ties

For easy installation and maintenance



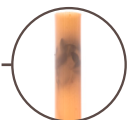
Flared Top

Minimises stem abrasion



Improved light transmission

Accelerates growth by creating a microclimate



Three sets of holes available

Safer and stronger fit on the stake



How else can we help? **Get in touch with us at:**

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