

Tubex Vine Original Introduction



Tubex's first vine shelter, and still their premier product for viticulture, the Tubex Vine Original is a first class vine shelter that creates an improved growing environment offering the potential for earlier fruiting.

The improved micro-climate produces stronger early growth, a stronger leader with fewer side shots and higher survival rates.

It also provides protection against animal browsing, herbicide sprays and accidental damage during mechanical weeding

This sturdy, twin-walled tube, made of recyclable polypropylene, is UV stabilised to last a minimum of 5 years (depending on climatic conditions).

Quick and easy to install it has two holes at the top of the tube to allow it to be fixed to trellising or a cane with a twist tie or cable tie (not included).

The Vine Original offers a wider diameter than the Tubex Ecovine and Tubex Vinewrap, making it suitable for larger-leaved vines.

Benefits

- Helps protect from small animals
- Protects from herbicide spray and accidental strimmer damage
- Delivers microclimate
- Easy installation and removal
- Can be recycled

Installation

- Plant your vine and (if using) - push a cane/metal rod into the ground next to the vine.
- Separate a Vine Original from the nest of 5 and slot it over both the plant and the cane/rod (if using), ensuring the shelter is pushed firmly into the ground.
- Attach the shelter to the bottom trellis wire using a twist tie / cable tie (not supplied).
- Plan for removal and recycling at end of life once the plant is established.
- See installation diagrams (pg 4) for more information.

Specifications:

Dimensions
Height m*
Diameter mm
Number of cable ties
Type of cable ties
Length of cable tie mm (inch)
Height of top cable tie HOLES from ground mm **
Height of bottom cable tie HOLES from ground mm **
Average weight/tube g

* Manufacturing tolerance of tube height +/- 25mm.
** Manufacturing tolerance of cable tie hole height +/- 15mm.

Tubex Vine Original	
0.6	0.75
90-110	90-110
0	0
na	na
na	na
565	742
na	na
77	92

Material
Tube
Cable tie
Tube colour
Service life (tube)
Biodegradable
End of life
Recyclable
Recycling options

For All Sizes
Polypropylene (30% recycled material)
na
Green
Minimum 5 years
No
Remove for recycling.
Yes.
Use a local Recycling Centre and the bin for 'Plastic' (Code 5 PP).
Or contact Tubex for details of their Collection & Recycling scheme.
Or use a similar agricultural recycling service.
Trellis wire or cane.

Packaging
Nest
Bundle
Bag or strap banded

Tubex Vine Original	
5	5
60	60
Bag	Bag

Recommended support

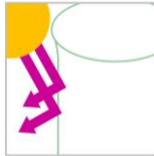
Tubex Vine Original Features & Benefits

Plant Welfare



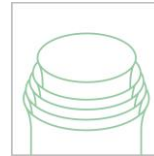
Animal protection
Protects young plants from bark-stripping and browsing animals.

Lifespan



UV Stabilised polypropylene
Provides minimum 5 years protection.

Installation



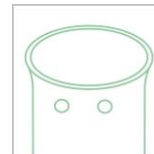
Nested
For ease of movement around site.



Herbicide protection
The tube protects from herbicide spray.



Strengthening rods
to prevent tearing at the cane area.



Pre Punched Holes
To easily fit a twist tie or cable tie.



Light transmission
Creates a mini greenhouse effect, encouraging growth.



Twin walled
Delivers best strength to weight ratio.



Green colour
Blends into background.



Flared rim
To minimise stem abrasion.



Recyclable
Through local supplier or via the *Tubex Collection & Recycling Scheme*.



Tubex Vine Original 0.6m
Bag of 60 nested tubes



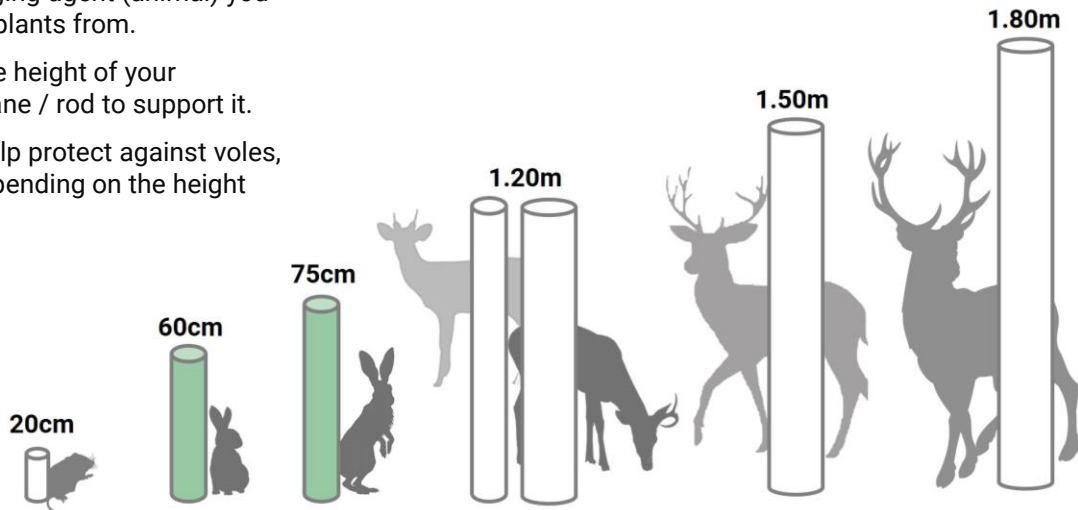
Tubex Vine Original 0.75m
Bag of 60 nested tubes

Tubex Vine Original Range Choices

Identify which damaging agent (animal) you wish to protect your plants from.


This will influence the height of your protection and the cane / rod to support it.

Vine Originals can help protect against voles, rabbit and hare – depending on the height chosen.



Protecting against	Vole	Rabbit	Hare	Muntjac / Roe Deer	Fallow Deer	Red Deer
Minimum height of tube for protection	20cm	60cm	75cm	1.20m	1.50m	1.80m
Height of supporting cane/rod*	Not required	75cm	90cm	1.20m or 1.35m	1.50m	1.80m
Diameter Type	NA	Standard	Standard	Standard or Standard plus	Standard Plus	Standard Plus

* It is advisable to use a longer cane / rod for sandier, lighter soils.

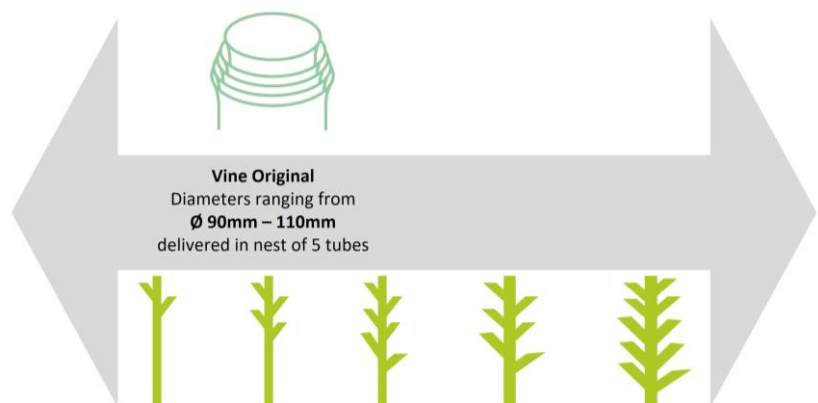
Tubex Vine Original Available Sizes 

Diameter Types

Vine Originals are nested in 5's (one inside the other), to save space and time when moving plant protection around a site.

Within one nest of five shelters you will find diameters of 90mm, 95mm, 100mm, 105mm and 110mm (+/-).

Their wider diameter make them particularly suitable for more leafy vine varieties, compared to other vine protection.



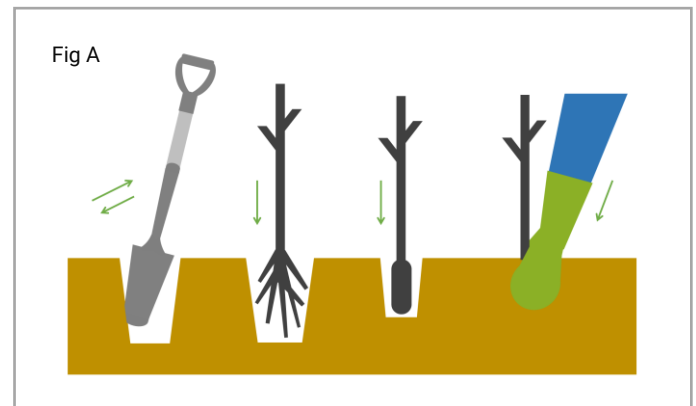
Tubex Vine Original Installation

PLANT

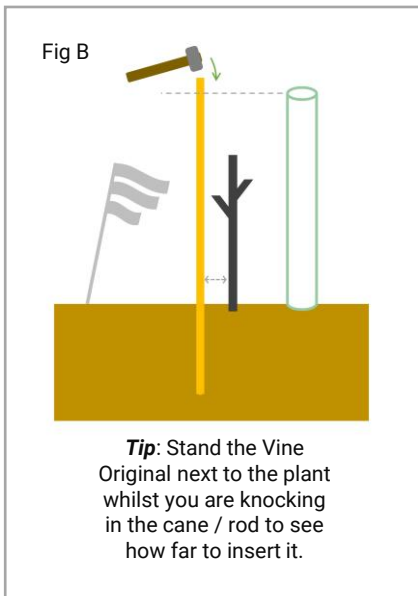
Planting bare root or cell grown plants is a straightforward task, however, do not attempt to plant if the ground is frozen or waterlogged. Find a suitable position for your plants, bearing in mind future growth and potential height and spread at maturity.

Bare rooted or cell grown plants can be 'notch' planted in 3 steps (Fig A):

1. Begin by inserting the blade of a spade into the ground. Push the spade handle away from you and then bring it back towards you. Once you remove the spade, you will see that you have created a cavity or 'notch' in the ground.
2. **For bare root** - place the plant roots within the cavity and shake to ensure that all of the roots are in the cavity and pointing downwards. **For cell grown** - place the cell gently into the ground. Ensure the top of the plug (the soil surrounding the roots) is positioned at 2 to 4cm below the surface to avoid drying out.
3. Fill the cavity with soil. Use your heel to firm the soil around the plant to remove any air pockets. Once planted, give them a good water if practical to do so.

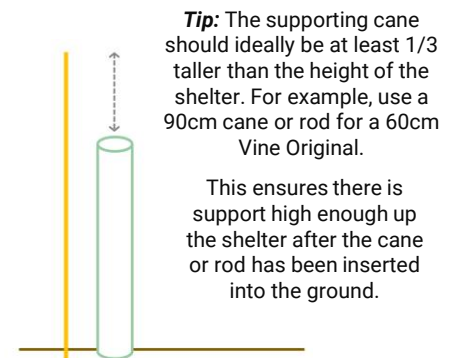


You are now ready to install your support and protection.



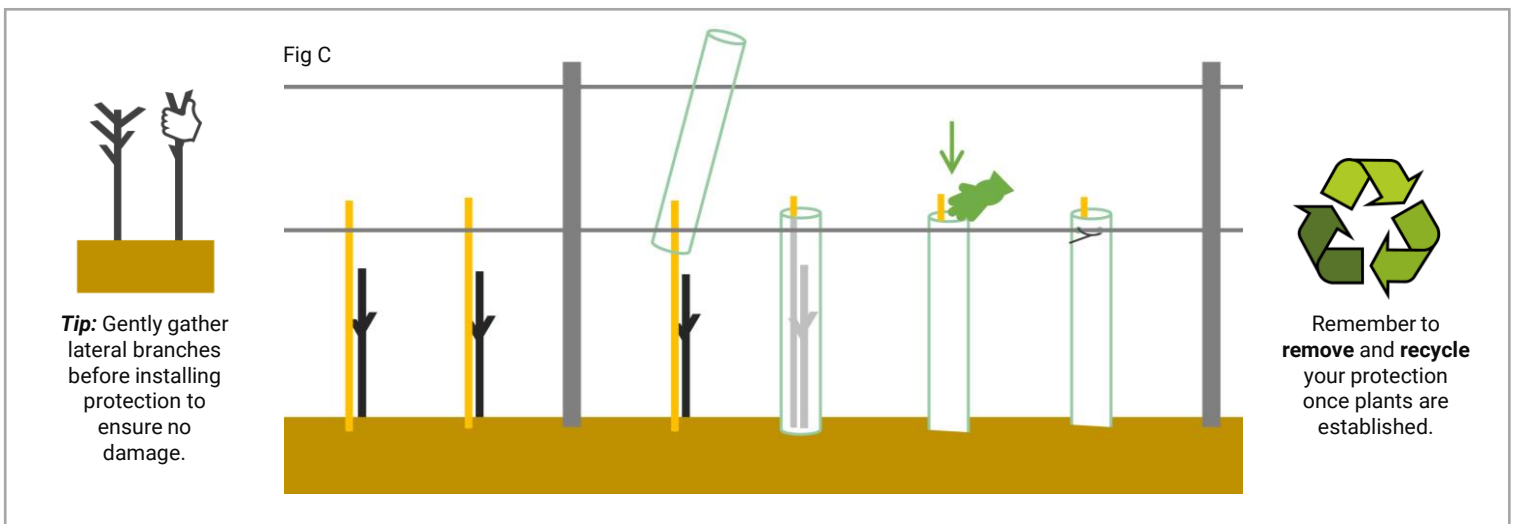
SUPPORT

1. After planting, position the cane or rod (if using) between the plant and the trellis wire, on the windward side if there are strong prevailing winds, and between 2cm to 5cm from the base of the plant (Fig B).
2. Push or hammer the cane or rod into the ground with a mallet (ideally knocking 1/3 of its height into the ground). Ensure it is vertical (particularly important on sloping ground). The top of the cane or rod should be above the top rim of the Vine Original.



PROTECT

1. Position the Vine Original over both the plant and the cane/rod (Fig C), making sure not to damage any lateral branches.
2. Ensure the plant is central to the shelter then push the Vine Original into the ground 1cm to 2cm. This forms a safe herbicide barrier and deters vermin from burrowing under the shelter.
3. Thread a cable tie or twist wrap through the two holes in the top of the Vine Original and around the bottom trellis wire plus the cane/rod (if using). Tuck the end of the cable tie back into the hole to avoid animals nibbling.



Remember to **remove** and **recycle** your protection once plants are established.