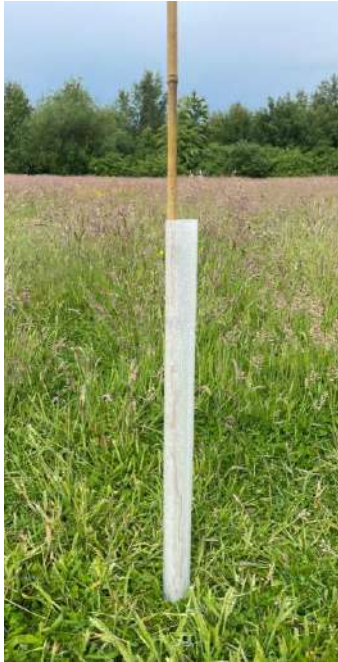


# Tubex EcoWrap Introduction



**The EcoWrap is a simple, robust, cost effective form of protection delivering a microclimate and animal protection for young broadleaf and hedging plants, and is easily recycled at end of life.**

Made in Britain by Tubex, the market leader in tree protection, the EcoWrap is made of extruded polypropylene.

These twin walled tree guards have a vertical split that produces a natural overlap, retaining their shape and expanding as the plant grows, avoiding strangulation.

EcoWraps are best suited to slender plants or whips, eg young broadleaf trees and hedging plants.

The translucent material maximises light transmission for photosynthesis and their design means they retain heat and moisture around the plant – creating a microclimate. This, combined with protection from rabbits and chemical spraying, means better survival rates.

Delivered in nests of five wraps (35mm, 37mm, 40mm, 42mm and 45mm diameter), they can expand by +25mm as the plant grows. Lightweight to move around a planting scheme, they are quick and easy to install.

Photodegradable, the EcoWrap offers a minimum of 3 seasons protection. At the end of their useful life their design means they can easily be removed for recycling, without breaking into lots of small pieces. Eligible for the Tubex Collection and Recycling Scheme the EcoWrap can go on to a second life as more tree protection, creating a virtuous circle.

We recommend wearing gloves when installing EcoWraps (or any tree protection). See installation diagrams (pg 4) for more information.

### Benefits

- Helps protect from voles and rabbits
- Protects from herbicide spray
- More robust than spirals
- Easy installation and removal, no fixings or fastenings (support with a bamboo cane)
- Can be recycled

Plant and cane sold separately

### Specifications:

Dimensions	Tubex EcoWraps	Service Life	Tubex EcoWraps
Height m*	0.6	Service life (tube)^	3+ years
Diameter mm	35-45mm	Biodegradable	No
Number of cable ties	Not required	Degradability	Photodegradable
Average weight/tube g	33	End of life	Remove for recycling.
Packaging	Tubex EcoWraps	Recyclable	Yes.
Quantity/Nest	5	Recycling options	Recycle through the <b>Tubex Collection &amp; Recycling Scheme</b> . See our website for more details.
Quantity/Box	250	Recommended support	Or use a local Recycling Centre and the bin for 'Plastic' (Code 5 PP). Or use a similar agricultural recycling
Packaging format	Box		90cm cane (or 120cm if light, sandy soil).
Material	Tubex EcoWraps		
Tube	Soft Polypropylene		
Cable tie	na		
Tube colour	Clear		

\* M manufacturing tolerance of wrap height +/- 10mm.

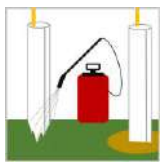
^ P product longevity is dependent on site and weather conditions, but it typically 3 years.

# Tubex EcoWrap Features & Benefits

## Plant Welfare



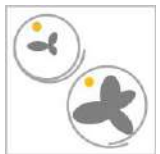
**Animal protection**  
Protects young plants from bark-stripping and browsing animals.



**Herbicide protection**  
The wrap protects from herbicide spray.

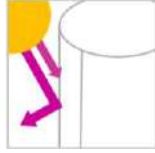


**Light transmission**  
Creates a mini greenhouse effect, encouraging growth.



**Expanding wrap**  
The wrap 'expands' with the tree, allowing it to easily release itself.

## Lifespan



**UV stabilised**  
Provides minimum 3 years protection.

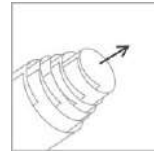


**Twin walled**  
Delivers best strength to weight ratio.

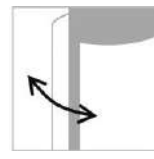


**Recyclable**  
Through local supplier or via the *Tubex Collection & Recycling Scheme*.

## Installation



**Nested**  
For ease of movement around site.



**Easy removal**  
Opens easily to remove from plant for recycling

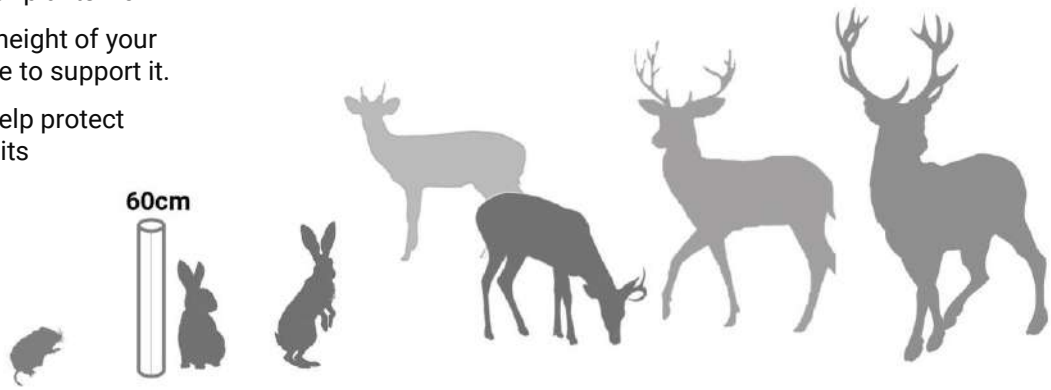


## Tubex EcoWrap Range Choices

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


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

60cm EcoWraps can help protect against voles and rabbits



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*	Not required	90cm	90cm	1.20m or 1.35m	1.50m	1.80m

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

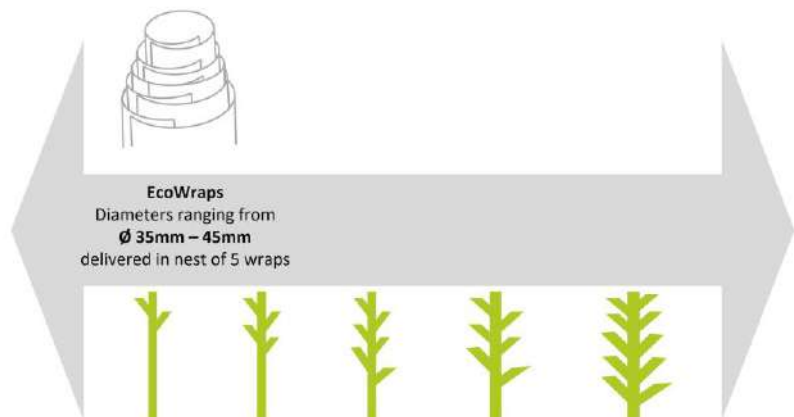
Tubex EcoWrap   
Available Sizes

### Diameter Types

EcoWraps 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 wraps you will find a 35mm, 37mm, 40mm, 42mm and 45mm diameter wrap.

These narrow diameters make them most suitable for young, slender plants.



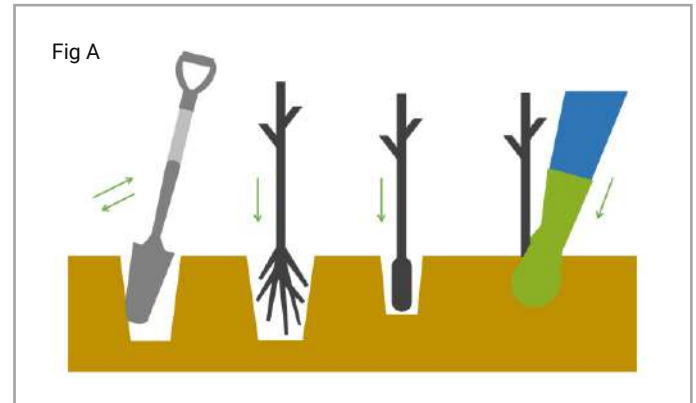
# Tubex EcoWrap Installation

## 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.

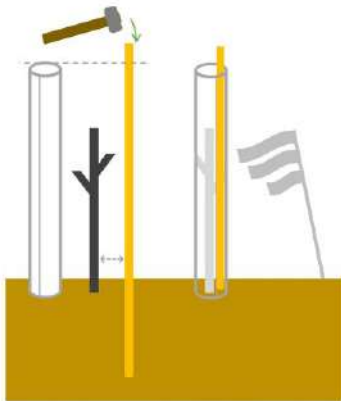
Bare rooted or cell grown plants can be 'notch' planted in 3 steps (Fig A):

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.

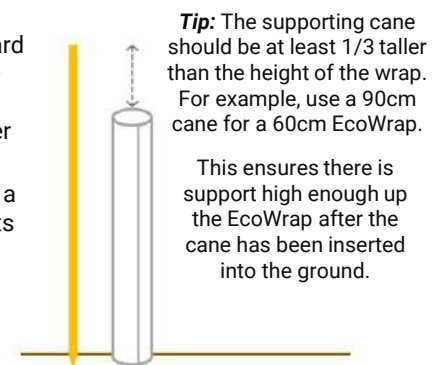
Fig B



**Tip:** Stand the EcoWrap next to the plant whilst you are knocking in the cane to see how far to insert it.

## SUPPORT

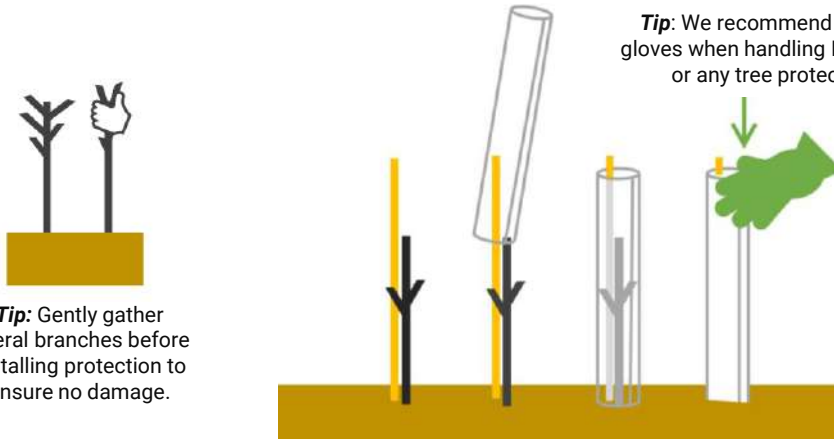
1. After planting, position the cane on the windward side between 2cm to 5cm from the base of the plant if there are strong prevailing winds. This means the cane will hold the EcoWrap up rather than stressing the plant. (Fig B).
2. Push or hammer the cane into the ground with a stake driver or mallet (ideally knocking 1/3 of its height into the ground). Ensure it is vertical (particularly important on sloping ground). The top of the cane should be above the top rim of the EcoWrap.



## PROTECT

1. Remove an EcoWrap from it's nest of 5 (wearing protective gloves). Position the EcoWrap over the tree and the cane (Fig C), making sure not to damage any lateral branches.
2. Push the EcoWrap gently into the ground 1cm to 2cm. This forms a safe herbicide barrier and deters vermin from burrowing under the shelter.
3. Remember to plan for removal of the cane and EcoWrap for recycling once the plant is established.

Fig C



**Tip:** Gently gather lateral branches before installing protection to ensure no damage.



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