



Diplant

HORTICULTURE



The power to grow
TM MO & CO



Growing With Strength



Introduction

Having been involved in the industry since the mid eighties, D-Plant Horticulture was established in 1996 bringing together the skills of Horticulture and Engineering to provide the best possible growing solutions for our clients.

D-Plant Polytunnels.

D-Plant Horticulture has designed and built a wide range of structures from small allotment tunnels to large multi-span commercial tunnels.

vegetableseeds.ie

D-Plant Horticulture launched vegetableseeds.ie in 2010 to provide high quality vegetable seed to the Home Gardener.

Our aim:

- To supply quality grower grade seed.
- Give generous quantity of seed
- To deliver a prompt service at an affordable price.



D-Plant Nursery.

D-Plant Horticulture opened a commercial nursery in 1996 producing a range of ornamental plants for the nursery and garden centre trade. As specialist propagators we can meet the needs of many different types of growers.

D-Plant Renewable Energy.

D-Plant Horticulture's Bioenergy Division is Ireland's leading specialist in the use of Eucalyptus and other tree species for biomass and wood energy. We provide nationwide plant supplies and consultancy for this new and exciting industry.



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D-PLANT HORTICULTURE

- Providing solutions to ornamental growers, vegetable growers and fruit growers throughout the country with bespoke designs to meet specific needs.
- D-Plant Horticulture will design a polytunnel structure to meet the needs of any commercial situation.
- D-Plant Garden Polytunnels are an easily constructed and cost-effective alternative to a greenhouse - to grow your own vegetables all year round!
- Nationwide delivery can be arranged. The garden tunnel kits are also compact enough for personal collection.
- D-Plant Horticulture have established a large customer base delighted with the results achieved from our garden polytunnels. We bring our horticultural expertise to you directly - giving you the benefit of our years of knowledge and experience.

Some of the projects we have been involved with:

- Structures for environmental pest control research in U.C.D.
- Staging for promotions and events.
- County Council projects.
- Community Development Groups.
- Community Allotment.
- Livestock structures.
- Swimming pool covers.



Allotment Tunnel range.

Available in three sizes:

- 1.8M x 2.4M (6ft x8ft)
- 2.4M x 3M (8ft x 10ft)
- 2.4M x 4.6M (8ft x15ft)
- A strong robust tunnel suitable for the small garden, town garden and allotment.
- Made from 25mm x 2mm galvanized steel tubing.
- The Allotment Tunnel kit includes steel structure, five-year UVI polythene cover, both gable end door frames and one free door, hotspot tape, repair tape, assembly instructions and a guide DVD.
- Allotment Tunnels have a centre height of 2.14M (7ft) and 0.6-0.9M (2ft-3ft) of straight side.



Small Hobby Tunnel range 3.7M (12ft) wide.

- Main structure made from 33.7mm X 2.6mm galvanized gun barrel steel.
- 42mm X 2.6mm foundation tubes.
- The grade of steel we use makes them one of the strongest on the market.
- Heavy pressure treated timber prefabricated door frames 1M (3ft 3in) wide openings.
- Centre height— 2.3M (7ft 6in).
- Side head clearance 1.5-1.8M. (5ft - 6ft) 0.6M (2ft).
- Hoop sections are set at 2M (6ft 6in) spacing.
- Available from 4M (13ft) long and upwards.

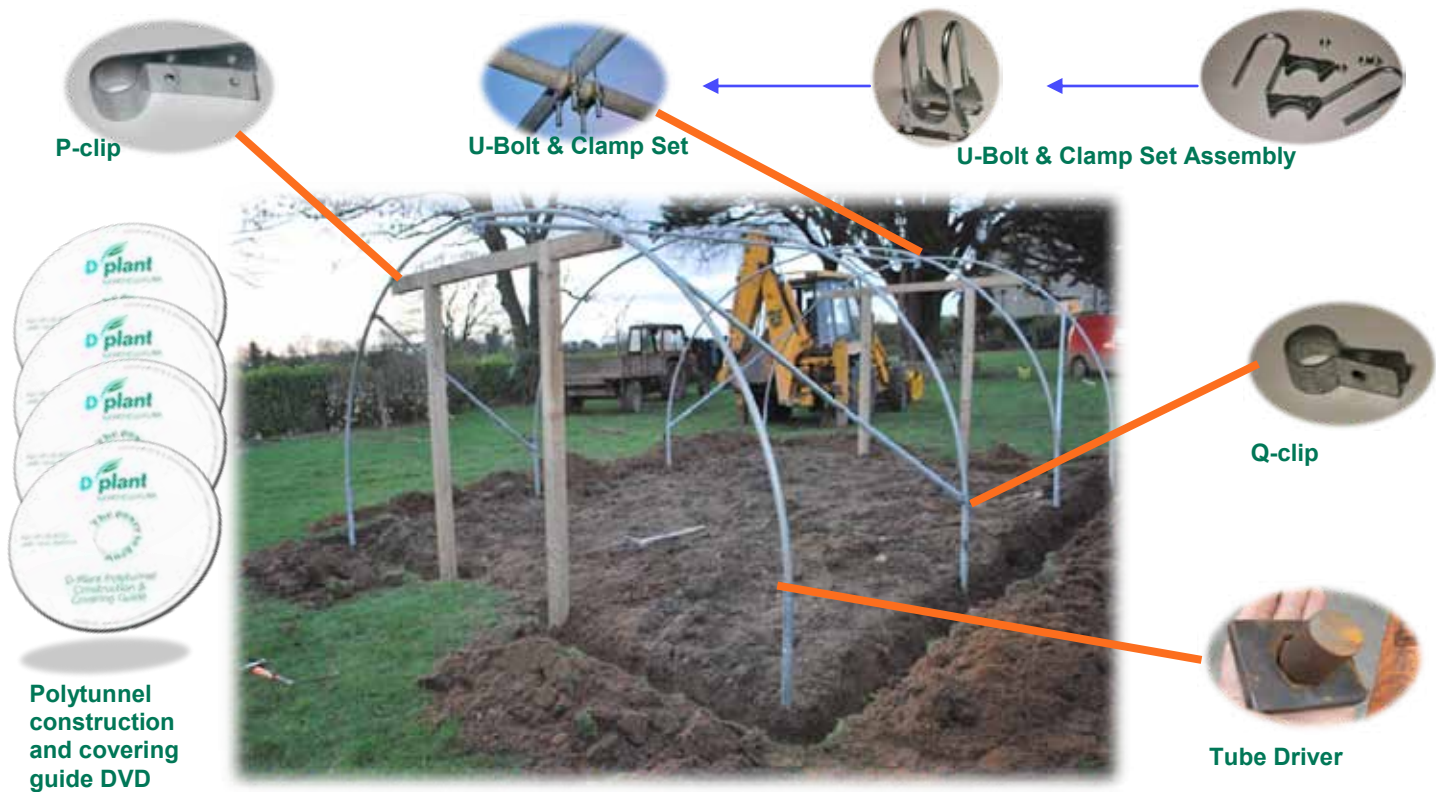


Large Hobby Tunnel range 4.6M (15ft) wide.

- Main structure made from 33.7mm X 2.6mm galvanized gun barrel steel.
- 42mm X 2.6mm foundation tubes.
- The grade of steel we use makes them one of the strongest on the market.
- Heavy pressure treated timber prefabricated door frames 1M (3ft 3in) wide openings.
- Centre height— 2.46M (8ft).
- Side head clearance 1.5-1.8M. (5ft - 6ft) 0.6M (2ft).
- Hoop sections are set at 2M (6ft 6in) spacing.
- Available from 6M (20ft) long and upwards.



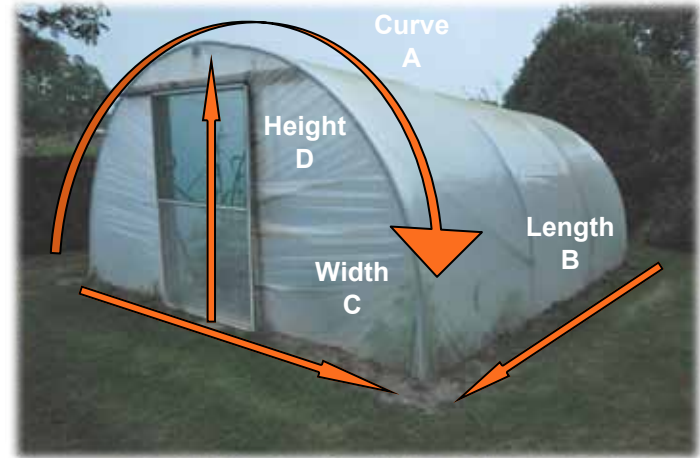
Polytunnel Parts & Construction



Cover Measuring Guide

Measuring a polytunnel for a new cover:

1. To calculate the width of polythene for the polytunnel. Measure the length of the curve (as shown in *A* opposite) and add 1M for base rail fitting or 2M for trenching the polythene.
2. To calculate the length of polythene needed. Add the length of the polytunnel (*B*) to the width of the polytunnel (*C*) and add half the height ($D \div 2$).



Delivery



Nationwide delivery for polytunnels. Packed and securely delivered by our logistics partners.

Tools required to assemble a D-Plant Horticulture Polytunnel. Marking out stakes, string, measuring tape, square, gloves, spanners, hammer, knife, spade/shovel, screwdriver drill, spirit level and sledge hammer. (everything else is in the kit).



Large Garden Tunnel range 5.5M (18ft) wide.

- Main structure made from 33.7mm X 2.6mm galvanized gun barrel steel.
- 42mm X 2.6mm foundation tubes.
- The grade of steel we use makes them one of the strongest on the market.
- Heavy pressure treated timber prefabricated door frames 2M (6ft 6in) wide openings.
- Centre height— 2.8M (9ft 4in).
- Side head clearance 1.5-1.8M. (5ft - 6ft).
- Hoop sections are set at 2M (6ft 6in) spacing.
- Available from 8M (26ft) long and upwards.



Commercial Tunnel range 6.4M (21ft) and 7.3M (24ft) wide.

- Main structure made from 48mm X 2.6mm galvanized gun barrel steel.
- 48mm X 2.6mm foundation tubes.
- The grade of steel we use makes them one of the strongest on the market.
- Heavy pressure treated timber prefabricated door frames 2M (6ft 6in) wide openings.
- Centre height— 3.35M (11ft).
- Side head clearance 1.5-1.8M. (5ft - 6ft).
- Hoop sections are set at 2.46M (8ft) spacing.
- Available from 7.4M (24ft) long and upwards.



Commercial Tunnel range 9.1M (30ft).

- Main structure made from 48mm X 2.6mm galvanized gun barrel steel.
- 48mm X 2.6mm foundation tubes.
- Crop support bars as standard.
- The grade of steel we use makes them one of the strongest on the market.
- Heavy pressure treated timber prefabricated door frames 2M (6ft 6in) wide openings plus ventilation panels.
- Centre height— 3.35M (11ft).
- Side head clearance 1.5-1.8M. (5ft - 6ft).
- Hoop sections are set at 2M (6ft 6in) spacing.
- Available from 16M (52ft) long and upwards.



Polythene

Polythene Technology - The Facts

Specification	
UV Guarantee	5 years
Life expectancy	7-8 years
Thickness	180 mu
Polymer make up	co extrudedPe/MLLDpe/EVA
Diffused	yes
UV status	blocks to 380 nms.
Thermic	~85%
Anti Fog	yes
Anti drip	yes
Light Transmission	~89%
Appearance	milky white

Over the past 15 years polythene has evolved from being a cheap alternative to glass for growing plants under into being a 21st Century improvement on Glass.

In Ireland and the U.K. much of the development of new films, and many of the new spectral filters, have been brought to the market first by our polythene suppliers. Here is just a small sample of their them.

- **1993** first diffuse film for more even growth.
- **1993** first 4 YEAR guaranteed tunnel film on the Irish and U.K. market.
- **1996** Introduction of ***SteriLite***, first broadband UV blocking film, winner of the Mercurius award for best new product of 1996 at the Four Oaks Grow Show.
- **1999** Introduction of ***SmartGreen*** (formerly called ***SuperGreen***) film, the first NR modifying film for shade loving plants.
- **1999** First 180 mu high strength film with a 5 year guarantee.
- **2000** The first long term stabilised FR modifying film with growth regulating effects ***SmartBlue GR*** (formerly called ***SuperBlue***).
- **2004** Introduction of the first UV open (transparent) 180 mu film ***SuperStrength Clear***.
- **2006** First advanced Temperature Control film ***SunMaster AF***
- Because we are also growers, we understand plants and what a plant needs to grow, and just as important we are a hands on family run company.

Accessories

Polythene available in the following sizes:

- 7.3M wide.....any length.
- 9.2M wide.....any length.
- 11.1M wide.....any length.
- 14M wide.....any length.



Wind Break / Shade Netting:

- 1M wide.....cut to length.
- 2M wide.....cut to length.
- 3M wide.....cut to length.

Also available in 50M rolls



UVI Ground Cover

- 2M wide.....cut to length.
- 3.2M wide.....cut to length.
- 4.2M wide.....cut to length.
- 5M wide.....cut to length.

Also available in 50M rolls



Pressure Compensated Drip Irrigation

Pressure compensating dripline contains pressure compensating drippers inserted into the extruded interior wall at specified intervals. The diaphragm inside the pressure compensating inline dripper continuously adjusts to varying water pressure, ensuring a constant flow rate. It also allows particles to pass through the dripper without harming it, providing reliable performance and a longer life.

Available cut to length or in 50M rolls.

Repair Tape

Available in widths of 75mm (3in) and 150mm (6in)



Repair tape is an essential item for all poly-tunnel owners. The tape is a strong durable material with UV inhibitor designed to maintain repairs to torn or cut polythene for years.

The time to repair damaged polythene is **as soon as possible**.

Anti Hotspot Tape

Available in Sizes:

25mm wide X 9M long.

30mm wide X 9M long.

50mm wide X 9M long.

Our Anti Hot Spot Tape is a special polyethylene foam tape designed to insulate the polythene tunnel cover from the steel frame of the polytunnel, which can get very hot in summer. It also isolates it from the rough galvanised surface of the steel frame which can cause chafing and weakening of the cover, especially in blustery, windy conditions.



Staging

Staging supports for garden polytunnels 3.7M to 5.5M (8ft wide to 18ft) wide are made using 25mm diameter steel tube, and are 0.9M x .6M (3ft x 2ft) wide with a diagonal brace. Each support is supplied with a Q Clip for fixing to steel hoops.



Crop Bars

Crop Bars are designed to go across the polytunnel fixing on all the internal hoops. They enable you to hang and support crops or baskets from the hoops. This option also adds strength to the structure.



Door Types

Doors are available in a range of types and are made to order.

Available in:

- Light weight treated timber—Hinged
- Heavy weight treated timber—Hinged
- Tubular steel frame—Hinged
- Tubular steel frame—Sliding

Doors can be covered in polythene, netting or both



High quality polytunnels designed and manufactured in Ireland.

Supporting Irish growers, Irish employment and Irish industry.



Specialist propagators for the Ornamental, Foliage and Biomass growers.



Providing a quality online experience supplying vegetable seed to the Irish home gardener.

www.vegetableseeds.ie



Renewable Energy

Specialist Propagators of Eucalyptus plants for wood fuel.

Providing Future Wood Fuel Supply Solutions .

“From The Ground Up”

Borelia, Glenbrien,
Enniscorthy,
Co Wexford,
Ireland.



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