

ACCESS T-TAPE FOR GLASSHOUSES INSTRUCTIONS

The ACCESS T-tape is a very versatile watering method. With outlets every 20cm it suits all types of crops growing in a wide variety of medium. It is ideal for capillary mat watering. Being slim yet strong it minimises space taken up in the crop and if looked after can be used for many seasons.

Output: 5 litres/m/h. Operating pressure 0.3-0.9bar. Max. run length 50m.

Read all the instructions before commencing installation.

You will need the following:

- **LHPSP – Starter pack.**
- **LHPC16 – Header pack.**
- **PA16-25M – Header pipe.**
- **DPB4/DPP4 – 4mm punch.**
- **TTE16-T – T-tape entry fittings.**
- **Supply connection hose with fittings to suit.**

Filter/Regulator kit (LHPSP)

The filter/regulator kit is designed to provide regulation of supply pressure and protect the T-Tape from dirt ingress. T-tape should ideally be run at 0.3-0.9bar the regulator will ensure supply pressure is within this range.

To assemble, firstly unscrew and remove the regulator top and screw the body onto the outlet side of the filter (use PTFE tape to seal the threads) then refit the regulator top. Fit the brass Geka fittings or the brass snap connectors as preferred to both ends of the assembly. The filter/regulator assembly should be fitted in the supply hose ensuring correct orientation. If you are connecting directly to the tap, there is an additional threaded Geka fitting to screw onto the tap outlet.



Header assembly (LHPC16)

The pack contains fittings to create a centre fed header using 16mm pipe. This will be suitable for beds with up to 400m of tape. Unroll the pipe coil across the end of the bed and cut to the required length. The pack contains two 'figure of 8' end fittings and one PoziLock tee inlet fitting.

Inlet tee

Slide the PoziLock locknut onto the end of the pipe, push fit the blue adaptor into the fitting and push the pipe onto the barb, tighten the locknut (repeat for the other side).

Screw onto the tee branch the female brass Geka supplied after inserting the gauze washer.



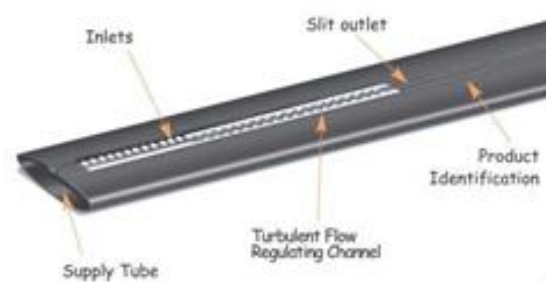
End fitting

The header pipe ends are sealed using 'figure of 8' type fittings. Push the pipe end through one ring and then kink the pipe back on itself through the other ring.



T-tape Installation

1. T-tape must be installed with the print side and outlets facing upwards. This will minimise sediment settling at the inlet which may potentially cause blockage.
2. T-tape can be installed directly upon the growing medium surface and doesn't require pegging. Lines are usually placed 300mm apart or one per row of crops.
3. T-tape for longevity is best buried at a minimum of 2.5cm (one inch). This places the tape at the root level, reduces evaporation loss and vermin damage.



Connecting T-tape to header

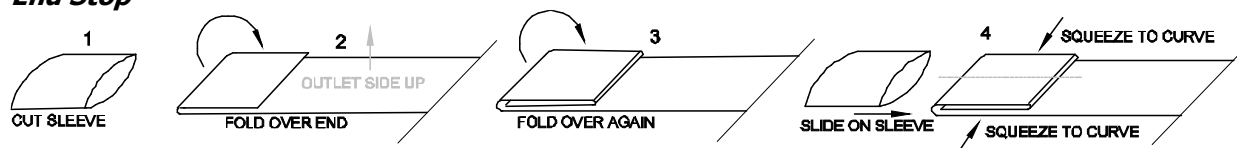
Decide on an appropriate spacing and mark on the header pipe the T-tape connection points.

With the ACCESS punch, (**DPB4/DPP4**) punch a hole in the header pipe and push in the barbed end of the header adaptor ensuring it securely 'clicks' into place. Repeat along the header ensuring all fittings are in line.

To fit the T-tape to the fitting, turn the locknut fully clockwise and feed end onto the exposed barb, turn the locknut fully anti-clockwise to secure.



End Stop



Cut a small length of T-tape to use as a sleeve. At the end of the line, fold over the tape twice then slide over the cut length.

Joining T-tape

To join lengths of T-tape use joiner (**TT16J**) see above instructions.



Maintenance

To clean the filter, simply turn off the water supply, unscrew the filter top and remove the filter element. Wash under clean running water or use a bottle brush.

End of crop care

At the end of the season, remove stop ends and flush out all header pipes and T-tape runs. If the beds are going to be dug over, after flushing roll the T-tape onto an empty drum avoiding twisting.

UK water regulations require backflow prevention. The Local Water Authority must be consulted for specific requirements prior to installing this system.

Irrigation systems should only be installed by a competent person

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