















Adjustable Spray Irrigation Kit

MODEL: I4002BKKT

For more information visit hoselink.com.au or call 1300 900 617



Kit Contents

	1x Pressure Regulator 175 kPa Code: I4016BKBS		1x Nut & Tail 3/4" BSPF x 13mm Code: I4008BKBS
	1x 25m x 13mm Poly Pipe Code: 19961-013025		1x 10m x 4mm Micro Tube Code: I3002BK10
	10x Adjustable Spray Spike 360° Code: I4002BKBS		1x Tap Adapter 1" Code: I4018BKBS
	3x 13mm Tees Code: I4014BKBS		2x 13mm Joiners Code: I4012BKBS
	2x 13mm End Plugs Code: I4011BKBS		5x 13mm Elbows Code: I4013BKBS
	8x Hold Down Stakes Code: I4017BKBS		26x 13mm Ratchet Clamps Code: I4009BKBS
	1x Key Punch Code: I4004YLSB		1x Goof Repair Plugs (Rack of 10) Code: I4006BKBS

Planning Your Irrigation System

We recommend planning out the desired set up by laying out all necessary pieces (elbows, joiners, Spray Spikes etc) before cutting the Poly Pipe. Where possible we advise laying out irrigation in a circuit to ensure even pressure throughout. Example layouts can be found at the end of this manual.

Installing Tap Fittings

- 1 Screw the Pressure Regulator onto a 3/4" thread tap. Use 1" Tap Adapter if needed. The Pressure Regulator is required to create the optimal working pressure for the system and prevent bursts due to high water pressure.
- 2 Make sure the FLOW arrow is pointing in the direction of flow.
- 3 Screw the Nut & Tail onto the bottom of the Pressure Regulator.
- 4 Slide a 13mm Ratchet Clamp over the Poly Pipe.
- 5 Push Poly Pipe over the barbed end of the Nut & Tail, ensuring it is pushed all the way down.
- 6 Slide the Ratchet Clamp over the connection and tighten with fingers to secure.

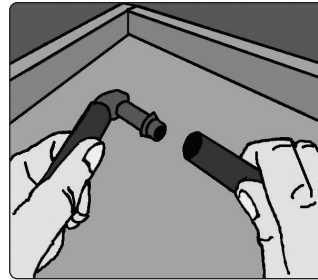


Installing Tubing

- 1 Cut 13mm Poly Pipe to required length.

Tip: Roll out Poly Pipe in the sun to soften and straighten it out.

- 2 Use Elbows, Tees, and Joiners to create your desired layout.

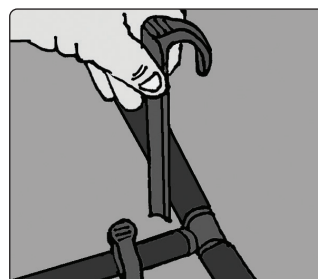


- 3 Place 13mm Ratchet Clamps over the Poly Pipe before attaching the barbed fittings. Push barbed fittings into the 13mm Poly Pipe, securing each end of the fittings with a 13mm Ratchet Clamp. Repeat until all fittings are attached.

Tip: If you are running a circuit leave one barbed fitting disconnected for now, so you can flush the system before use.



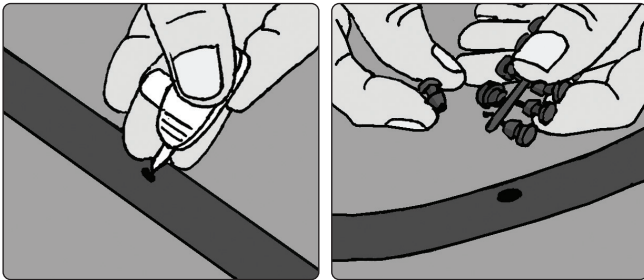
- 4 Once all Elbow, Tee and Joiners are connected, use the Hold-Down Stakes to secure the 13mm Poly Pipe to the ground.



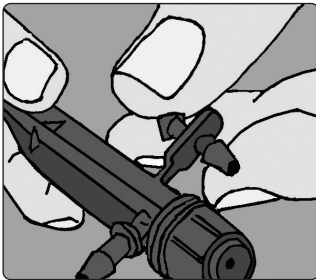
Installing Emitters

- 1 Decide Adjustable Spray Spike locations. Ensuring even coverage of plants/roots. Use Key Punch to make holes in 13mm Poly Pipe.

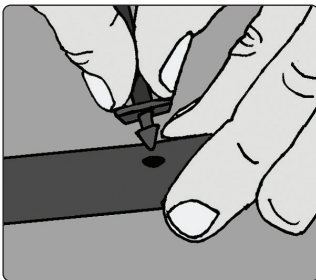
Tip: Incorrect holes can be repaired with Goof Plugs.



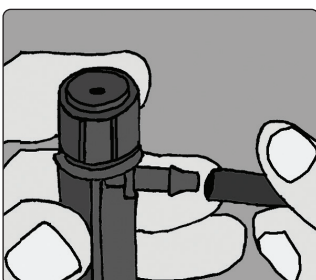
- 2 Snap off the included adaptor from the Adjustable Spray Spike.



- 3 Connect the adaptor to one end of the 4mm Micro tubing and push into hole in 13mm Poly Pipe.



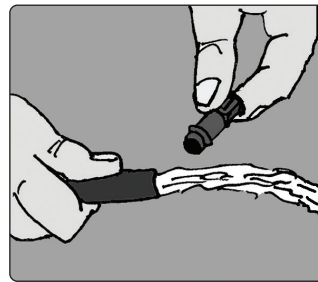
- 4 Neatly cut the required length of 4mm Micro Tube and push it onto the Adjustable Spray Spike.



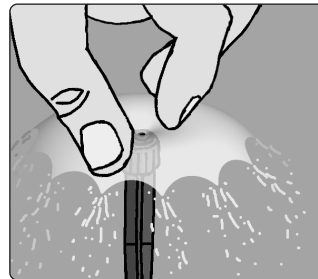
Using Your System

- 1 Once all Adjustable Spray Spikes are installed, flush the 13mm Poly Pipe and then seal the ends with End Plugs. Secure with 13mm Ratchet Clamps.

If running a circuit, connect the remaining barbed fitting and secure with 13mm Ratchet Clamps



- 2 Run the system and rotate the Adjustable Spray Spike caps to adjust flow and coverage. For precise control, when rotating caps you will feel a slight click. Approx 22 clicks from closed to fully open.



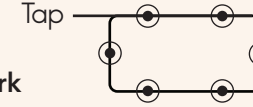


Performance Chart – Fully open (approx. 22 clicks)

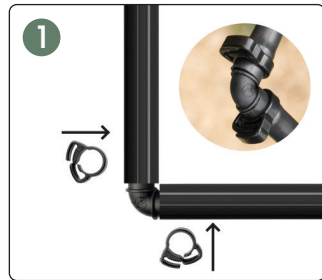
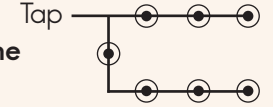
Pattern	360°	
Pressure (kPa)	Flow (lph)	Diameter (m)
175	72	3.5

Example Layouts

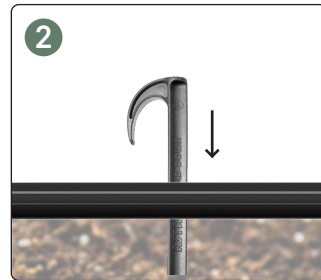
Circuit Pipework



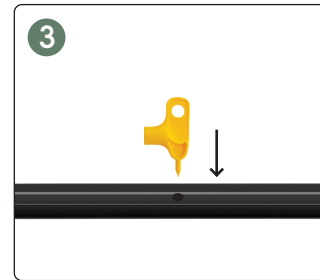
Straight Line Pipework



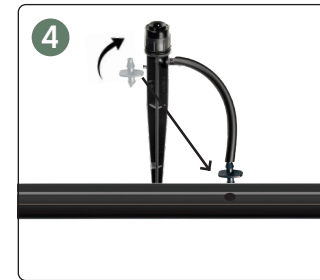
Slide 13mm Ratchet Clamp over Poly Pipe. Then, push barbed fittings into tubing, slide ratchet clamps over joints to secure.



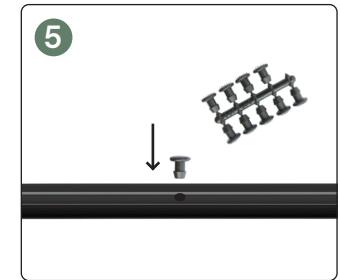
Insert hold-down stakes into the soil to keep the 13mm tubing in place.



Use the Key Punch to punch hole in 13mm Poly Pipe for emitter installation.



Snap off adaptor, insert into 4mm tube, push micro feeder tube into Adjustable Spray Spike and adaptor into 13mm Poly Pipe.



Plug any unwanted holes with Goof Repair Plugs.