



Delta Plastics polytubing is simple to use. The tubing doesn't need many add-ons and its construction makes it highly efficient. There's no need for the costly operation of plowing out new ditches and reinserting siphon tubes. Polytubing cuts water usage by allowing you to precisely adjust the flow to your irrigation needs. And its sleek design prevents unnecessary spillage during operation. Using Delta Plastics polytubing can dramatically lower your water usage as well as maintenance and labor costs.



INSTRUCTIONS FOR INSTALLATION TO A WATER SOURCE:

1. CHECK SIZE AND SURFACE OF PIPE

The diameter of the discharge pipe must be the same size as or smaller than the Delta Plastics irrigation pipe you are attaching it to. Smooth or tape any rough or sharp edges before connecting.



2. FOLD BACK THE TUBING

Turn the tubing back on itself to form a double thickness for about a foot at the water source and secure with a hose clamp. Folding the tubing will give the clamp a better grip surface. Connections between rolls of tubing can be accomplished with an 8- to 10-inch section of a similar-sized PVC pipe.



3. SUPPORT THE TUBING

Make sure the connection is at ground level or supported with dirt so the tubing does not hang off the connection. Slack should be left at the water source to keep the tubing from pulling off the connection.

4. TRENCHING

Dig a shallow furrow approximately 25% to 50% of the diameter of the tubing to prevent it from rolling once it is filled with water.



Note: These instructions are general and serve only as a guide for installation. Due to environmental and field condition variance, some steps may not apply to your particular operation. Consult your local dealer or county agent for recommended flow rates for your soil type and conditions.

If you have questions, please call **800-277-9172** or contact your local dealer.



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5. STRETCH THE TUBING GENTLY INTO ITS TRENCH

Ease the initial strain on the discharge connection by having someone hold the tubing until the pulling tension is no longer there.

6. KEEP TUBING IN PLACE

Putting a shovel of dirt on top of the tube every 15 to 20 feet will keep the tubing in place during installation and help smooth the tubing as it unrolls.

7. TUBE END

As a safety precaution, it is best to leave the end of the tubing open. This will prevent a buildup of excess pressure in the tubing and avoid damaging the system. Build a berm approximately 3 feet high to stop the flow of water. If too many outlets are closed, the water will flow over the top of the berm and not damage the tubing.

8. FILL SLOWLY

Begin filling the tubing by opening the valve slowly. As the polytubing fills with water, an air pocket is created. Poke a hole in the top of the polytubing with a pencil or toothpick to vent approximately 10 feet from the connection point. Create additional vents farther down the tubing where needed.

9. IRRIGATION HOLES

As the tubing fills, punch irrigation holes where desired along the length of the tubing. Begin at the end **AWAY** from the pump. Punch holes between the 2 o'clock and 3 o'clock positions using a hole cutter.

90-DEGREE TURNS

Delta Plastics polytubing is flexible enough to complete a 90-degree turn in a 6- to 8-foot radius. Just make sure that the tubing is down in its furrow.



GATES AND PLUGS

Adjustable gates and hold plugs help control water volume and shut off rows not being watered. These accessories are available from your local Delta Plastics dealer.

