

## DRIP TUBING END-CLOSURE INSTRUCTIONS

1. Cut a 1" piece of tubing off of the end of each row. This will act as a closure band to seal off the ends of each row.
2. Fold back the end of each open tube twice and slip the 1" band over the folds so that when the system is pressurized the band will seal the tubing.
3. Turn the water on and inspect the tubing to make sure no kinks are present. If any kinks exist, simply pull the tubing from the end to remove them.

## **OPERATING INSTRUCTIONS**

Operating the "Irri-Gator" system is easy. Simply hook your garden hose to the hose swivel assembly and turn on the water.

### Irrigation Cycle Duration

The duration of each irrigation cycle is dependent upon your particular soil type. Some experimentation may be necessary.

Heavy clay soils: 4-6 Hours

Light sandy soils: 6-8 Hours

The determining factor is the noticeable wetted areas on the surface of the soil at each orifice, which develops and widens during an irrigation cycle. Irrigation should continue until these wetted areas form a solid wetted strip down the entire length of the tubing, penetrating downward through the plant's root zone.

### Irrigation Cycle Frequency

The frequency of irrigation applications will vary with the water-holding capacity of your soil along with the supplemental rainfall which may have occurred since the last irrigation cycle. In general, an irrigation application should be performed at least every fourth day if no supplemental rainfall has occurred.

### System Capacities

Drip Tubing Output: 0.5 GPM per 100'

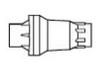
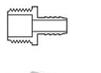
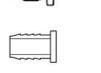
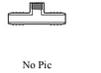
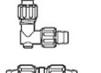
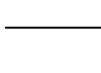
Maximum Single Row Length: 400'

Maximum Operating Pressure: 15 PSI

(A 15 PSI regulator is included with each kit.)

Minimum Operating Pressure: 6 PSI

## IRRI-GATOR Accessories & Components

	G-00170	1000' Roll Drip Tubing
	G-00171	100' Poly Tubing (No Orifices)
	G-00172	3/4" Hose Swivel
	G-00173	3/4" Filter
	G-00174	3/4" Pressure Regulator
	G-00175	1" x 3/4" Adapter
	G-00176	1" Clamp
	G-00177	Punch Tool
	G-00178	Tape Loc x Barb
	G-00179	1" Insert Plug
	G-00180	1" Insert Tee
	G-00181	1" Insert Coupling
	G-00182	1" Insert Elbow
	G-00183	Tape Loc x Barb/Valve
	G-00184	1" Barb x 1" Barb x 3/4" FPT
	G-00185	Teflon Tape
	G-00152	Tape-Loc Tee
	G-00153	Tape-Loc Elbow
	G-00154	Tape-Loc Coupling

Additional Irri-Gator Kit Sizes Available.



# **GATOR 2000**

## *Operation and Installation Instructions*

### How To Use

### Drip & Poly Distribution Tubing

The following instructions are provided to give you important and useful information about the use of Irri-Gator tubing. Be sure to read before using this product.

1. The water being utilized to irrigate must be clean. The "Irri-Gator" kits include a filter to catch most particles which might clog the orifices.
2. Periodic flushing of the system is required to reduce the chance of clogging and ensure more uniform water distribution (see installation instructions #6 on the following page).
3. If fertilizers are injected through the system, only water soluble fertilizers can be used. After fertilizing, the tubing must be flushed thoroughly to remove any residual fertilizers.
4. If insects, rodents or pests are present, controls must be implemented to avoid damage to tubing.
5. For tubing to operate properly, the system must be installed correctly. Avoid cuts, kinks, abrasions and stretching.
6. If the tubing is to be buried, pressurize the system immediately after installation to avoid compaction and to determine if any damage occurred during the installation. Root intrusion can occur in buried tubing with inadequate irrigation.
7. Recommended operating pressures:  
Max—15 PSI; Min—6 PSI; The maximum PSI is controlled by the regulator included in the system.



# Installation Instructions For Gator 2000 Kit

1. Lay out drip tubing (I) along entire length of each garden row (orifices up) keeping it as close to the plant stem or seed planting as possible. In a flower bed area where complete saturation of the bed is desirable, lay out drip tubing (I) in parallel rows 18" to 24" apart, forming a grid of drip irrigation orifices throughout bed. Cut tubing to accommodate the length of each row making sure that at least one orifice is beyond the last plant in the row or flower bed.
2. Lay out poly distribution tubing (F) along one end of the garden as shown. This will be referred to as the system header in the remaining instructions.
3. Connect hose swivel (A), filter (B), pressure regulator (C), and adapter (D). Install system header onto adapter (D). Clamp down with 1" clamp (E) provided. Please see diagram at right.
4. Using punch tool (G) provided, punch a hole in system header at the intersection of each row. Insert tape-loc x barb fitting (H) into system header.
5. Connect tape-loc x hose barb fitting (H) to drip tubing (I) by rotating tape-loc cap back exposing barb. Install drip tubing (I) over barb and rotate tape-loc cap back to lock tubing onto tape-loc x hose barb fitting (H). At opposite end of system header, insert the insert plug (J) into system header. Clamp down with 1" clamp (E) provided.
6. When all rows are connected to the system header, connect your garden hose to the hose swivel inlet and turn the water on to flush any dirt or debris which may have accumulated in the tubing during the installation. Debris will flush out the ends of each row of the tubing. Continue this flushing process until the water discharging from the tubing is clean and clear. Now turn the water off and follow the drip tubing end-closure instructions.

The Gator 2000 Kit requires a low-flow water source (8 GPM). The kit contains all the necessary components to water 20 rows, 100' in length. It is designed for water from a domestic system or from wells. If water is being pumped from a pond or stream, or if there is algae or iron in the water, it may be necessary to use a sand media filter and/or chlorine.

## Gator 2000 Kit Contains:

Qty	Part #	Description
2	G-00170	1000' Roll Drip Tubing
1	G-00171	100' Roll Poly Tubing
1	G-00172	3/4" Hose Swivel
1	G-00173	3/4" Filter
1	G-00174	3/4" Pressure Regulator
1	G-00175	1"x3/4" Adapter
2	G-00176	1" Clamp
1	G-00177	Punch Tool
20	G-00178	Tape Loc x Barb
1	G-00179	1" Insert Plug
2	G-00154	Tape-Loc Coupling
1	G-00185	Teflon Tape
1		Instruction Sheet

