

### Easy Fit Below Grade Irrigation Emission Stake

Combination stake, coupling and threaded adapter secures system below grade, allowing most of system to be kept out of sight.

#### Features

- Allows the use of flexible polyethylene tubing while providing the same protection as a below-grade PVC system — only a small part of the emission device is at or above grade.
- Incorporates Rain Bird's Easy Fit Compression Coupling, which accommodates a wide range of 1/2" polyethylene tubing with outside diameter of .630" - .710" (16mm - 18mm), including Rain Bird Xeri-Flex Dripline, Landscape Dripline, 16mm Blank Tubing, XBS tubing and XT-700 tubing.
- Easy Fit Fittings save time and effort, as 50% less force is required to connect tubing and fittings versus competitive compression fittings.

- Adapter accepts virtually any 1/2" drip FPT emission device, including the 12" and 24" PolyFlex Riser assemblies (PFR-FRA and PFR-FRA24).
- Unique, patented design is manufactured using rugged ABS plastic material for long-lasting durability.



#### Operating Range

- Pressure: 0 to 60 psi (0 to 4,1 bars)

#### Models

- BIGIESTK

### Ordering Information

Model #	Product Description	Ctn. Qty.
BIGIESTK	Below Grade Emission Stake	10

### 1/4" Distribution Tubing

#### Features

- Extends emitter outlets to desirable discharge locations.
- Fits over barbed outlet ports on all Xerigation emission devices and 1/4" transfer fittings.
- Made from quality polyethylene or vinyl materials.

#### Specifications

- Outside diameter: 0.22" (6 mm)
- Inside diameter: 0.16" (4 mm)



#### Models

##### Polyethylene Tubing

- PT-025-050: 50-foot (15,2 m) coil of 1/4" polyethylene distribution tubing
- PT-025-100: 100-foot (30 m) coil of 1/4" polyethylene distribution tubing
- PT-025-1000: 1000-foot (304 m) coil of 1/4" polyethylene distribution tubing

*Note: Polyethylene tubing recommended for high temperature and high pressure applications.*

### 1/4" Distribution Tubing Friction Loss Characteristics

O.D. .220" I.D. .160"			O.D. 6 mm I.D. 4 mm METRIC			
Flow GPH	Velocity fps	Loss psi	Flow m <sup>3</sup> /h	Flow l/h	Velocity m/s	Loss bars
1	0.27	0.16	0,00	3,79	0,08	0,01
2	0.53	0.59	0,01	7,58	0,16	0,04
3	0.80	1.24	0,01	11,6	0,24	0,09
4	1.06	2.12	0,02	15,14	0,32	0,15
5	1.33	3.20	0,02	18,92	0,41	0,22
6	1.59	4.49	0,02	22,71	0,48	0,31
7	1.86	5.97	0,03	26,50	0,57	0,41
8	2.13	7.64	0,03	30,28	0,65	0,53
9	2.39	9.50	0,03	34,07	0,73	0,66
10	2.66	11.54	0,04	37,85	0,81	0,80
11	2.92	13.79	0,04	41,64	0,89	0,95
12	3.19	16.17	0,05	45,42	0,97	1,12
13	3.45	18.75	0,05	49,21	1,05	1,29
14	3.72	21.50	0,05	52,99	1,13	1,48
15	3.98	24.43	0,06	56,78	1,21	1,69
16	4.25	27.53	0,06	60,56	1,30	1,90
17	4.52	30.80	0,06	64,35	1,38	2,13
18	4.78	34.23	0,07	68,13	1,46	2,36
19	5.05	37.83	0,07	71,92	1,54	2,61
20	5.31	41.60	0,08	75,70	1,62	2,87
25	6.64	62.86	0,09	94,63	2,03	4,34
30	7.97	88.08	0,11	113,55	2,43	6,08

psi Loss Per 100 Feet of tubing; C=150 bars Loss per 100 Meters of tubing

**Note:** Use of tubing at flows shown in dark shaded area is not recommended, as velocities exceed 5 ft./sec. (1,5 m/s).

### Ordering Information

Model #	Product Description	Ctn. Qty.
PT025050	1/4" Poly Distribution Tubing 50FT Coil	1
PT025100	1/4" Poly Distribution Tubing 100FT Coil	1
PT0251000	1/4" Poly Distribution Tubing 1,00FT Coil	1