

# "TFI" Series

## Tru-Flo™ Inline Drip Tubing

### Features

In-line emitters installed in the tube

Turbulent flow drip emitter

### Benefits

- Emitters are factory installed for accurate spacing.
- Smooth profile for efficient lay-out.
- Less emitter damage during field installation.

- Labyrinth design creates velocity—flushes small particles.
- Large water passages are highly clog-resistant.
- Extremely accurate flow rate.
- Cost-effective irrigation.



Cutaway shows the wide turbulent flow path in the TFI Series Drip Tubing.

### Tubing specifications

O.D. mm (in.)	I.D. mm (in.)	Avg. Wall Thickness mm (in.)
16 (0.640)	14 (0.560)	1.02 (0.040)
18 (0.710)	16 (0.625)	1.08 (0.0425)
20 (0.790)	18 (0.700)	1.14 (0.045)

### Maximum number of emitters and lateral run lengths (±5% allowable flow variation; level ground)

#### TFI 16mm Series

Flow Rate (gph)	Emitter Spacing (inches)									
	18		24		30		36		42	
	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)
.42	210	315	195	390	173	434	171	515	164	575
.50	166	250	150	300	140	350	133	400	128	450
1.0	113	170	102	205	94	235	90	270	88	310

#### TFI 18mm Series

Flow Rate (gph)	Emitter Spacing (inches)									
	18		24		30		36		42	
	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)
.50	263	395	237	474	218	547	204	614	193	677
1.0	169	254	152	305	140	351	131	395	124	436

#### TFI 20mm Series

Flow Rate (gph)	Emitter Spacing (inches)									
	18		24		30		36		42	
	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)	Qty Emitters / Length (ft)
.50	316	475	285	571	263	658	246	739	232	815
1.0	203	305	183	367	169	423	158	475	149	524

### Notes

- Manufacturer's variation, Cv: ≤ 0.03
- Avg. Emitter Exponent, 0.5

Flow Rate (gph)	Pressure (psi)						
	10	15	20	25	30	35	40
0.42	.34	.42	.49	.55	.60	.66	.71
0.50	.41	.50	.58	.58	.72	.77	.83
1.00	.81	1.00	1.15	1.29	1.41	1.52	1.63