

# BigFoot® Drip Tape

## “Low Flow” Series

The largest flow path of any drip tape on the market.

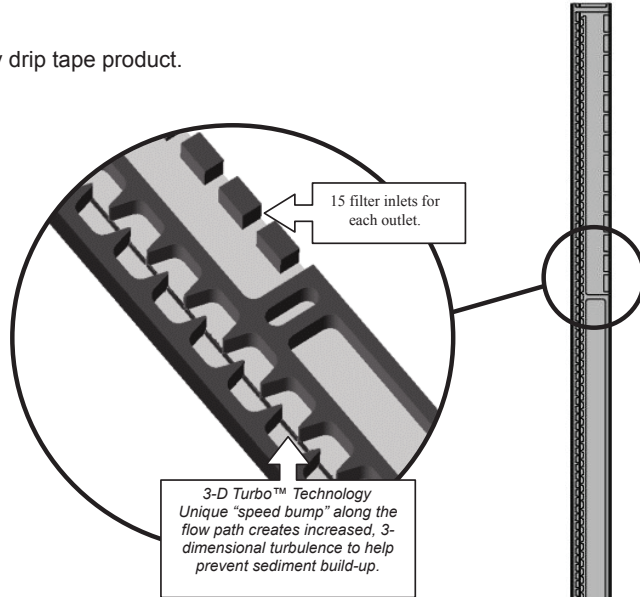
### Reduced Clogging

- The biggest footprint, or turbulent flowpath of any drip tape product.

### Compare flow path dimensions

Dripper	Flow Path Dimension (in.)		
	Width	Depth	Length
<b>Bowsmith BigFoot</b> 0.07 GPH	0.020	0.032	7.9
<b>Netafim Streamline*</b> 0.21 GPH	0.021	0.020	0.504

\*Netafim and Streamline are trademarks of Netafim USA



### Reliable Performance

- Enhanced turbulent flow path
- Reliable performance for increased yields.

### Cost Effective

- Save on water and fertilizer costs.
- Low inlet pressure requirements save on energy costs.

Emitter Model / Nominal Flow Rate	Wall Thickness	Maximum Operating Pressure	Inside Diameter	Dripper Spacing (in.)	Flow: GPM / 100' @ 8 PSI
Low Flow 0.07 GPH @ 8 PSI	6 mil	10 PSI	5/8"	6"	.233
				12"	.117
	10 mil	15 PSI	7/8"	6"	.233
				12"	.117

$C_v \leq 0.03$  Emitter exponent = 0.5

Actual Emitter Size

Wall Thickness	5/8" Coil Length (ft.)	7/8" Coil Length (ft.)	Shipping Weight (lbs.)
6 mil	8000	7000	70
8 mil	6500	5500	70
10 mil	5500	4250	70

## Run Length Guidelines

**BigFoot<sup>™</sup> “Low Flow” Series**  
Emitter Flow Rate 0.07 gph @ 8 psi

### U.S. Units

#### 5/8” Flat Terrain 10 psi Inlet Pressure

Maximum Run Length (Feet)

Emitter Spacing	Flow (gpm/100')	EU 94%	EU 92%	EU 90%	EU 85%
6”	0.23	525	650	750	975
12”	0.12	800	950	1200	1500

#### 7/8” Flat Terrain 10 psi Inlet Pressure

Maximum Run Length (Feet)

Emitter Spacing	Flow (gpm/100')	EU 94%	EU 92%	EU 90%	EU 85%
6”	0.23	925	1200	1380	1750
12”	0.12	1450	1850	2150	2700

### Metric

#### 16mm Flat Terrain 0.70 bar Inlet Pressure

Maximum Run Length (Meters)

Emitter Spacing	Flow (lph/100m)	EU 94%	EU 92%	EU 90%	EU 85%
15 cm	177	160	198	229	297
30 cm	88	244	290	366	457

#### 22mm Flat Terrain 0.70 bar Inlet Pressure

Maximum Run Length (Meters)

Emitter Spacing	Flow (lph/100m)	EU 94%	EU 92%	EU 90%	EU 85%
15 cm	177	282	366	421	533
30 cm	88	442	564	655	823