

BigFoot® Drip Tape

“High Flow” Series

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

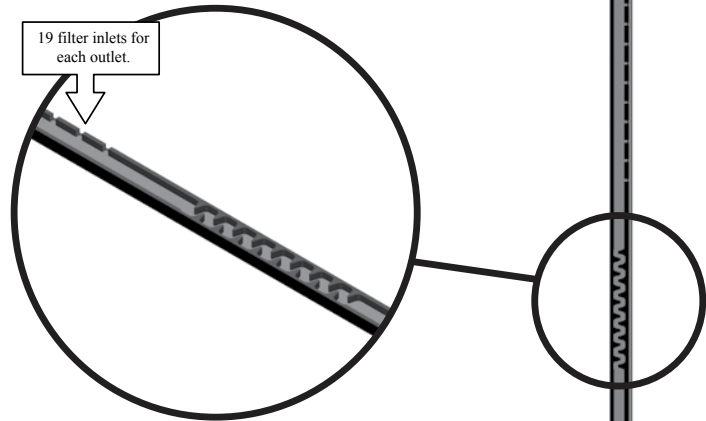
Reduced Clogging

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

Compare flow path dimensions

Dripper	Flow Path Dimension (in.)		
	Width	Depth	Length
Bowsmith BigFoot 0.27 GPH	0.035	0.020	.750
Netafim Streamline* 0.36 GPH	0.026	0.022	0.512

*Netafim and Streamline are trademarks of Netafim USA



Reliable Performance

- Enhanced turbulent flow path for better emission uniformity.
- 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
High Flow 0.27 GPH @ 8 PSI	5 mil	8 PSI	5/8"	8"	.670
				12"	.450
				16"	.340
	6 mil	10 PSI	5/8"	8"	.670
				12"	.450
				16"	.340
8 mil	12 PSI	7/8"	12"	.450	
			16"	.340	

$C_v \leq 0.03$ Emitter exponent = 0.5

Wall Thickness	5/8" Coil Length (ft.)	7/8" Coil Length (ft.)	Shipping Weight (lbs.)
5 mil	11000	TBD	70
6 mil	10000	TBD	70
8 mil	8000	TBD	70

Run Length Guidelines

BigFoot® “High Flow” Series

Emitter Flow Rate 0.27 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%
8”	0.67	260	340	390	490
12”	0.45	340	430	500	640

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%
8”	0.67	470	610	700	890
12”	0.45	610	780	910	1150

Metric

16mm Flat Terrain 0.70 bar Inlet Pressure

Maximum Run Length (Meters)

Emitter Spacing	Flow (lph/m)	EU 94%	EU 92%	EU 90%	EU 85%
20 cm	5.11	79	104	119	149
30 cm	3.41	104	131	152	195

22mm Flat Terrain 0.70 bar Inlet Pressure

Maximum Run Length (Meters)

Emitter Spacing	Flow (lph/m)	EU 94%	EU 92%	EU 90%	EU 85%
20 cm	5.11	143	186	213	271
30 cm	3.41	186	238	277	351