

BigFoot® Drip Tape

“Medium Flow” Series

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

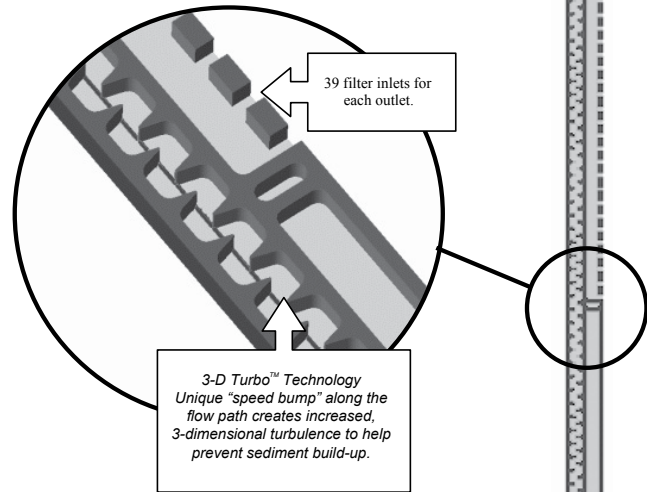
Reduced Clogging

- 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 0.21 GPH	0.035	0.035	7.9
Netafim Streamline* 0.21 LPH	0.021	0.020	0.504

* "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
<u>Medium Flow</u> 0.21 GPH @ 8 PSI	6 mil	10 PSI	5/8"	8"	.530
				12"	.350
	8 mil	12 PSI		16"	.260
				8"	.530
	10 mil	15 PSI	7/8"	12"	.350
				16"	.260

$C_v \leq 0.03$ Emitter exponent = 0.5

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

Actual Emitter Size

Run Length Guidelines

BigFoot[™] “Medium Flow” Series Emitter Flow Rate 0.21 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”	0.53	310	400	450	575
12”	0.35	400	500	575	745

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”	0.53	550	700	800	1025
12”	0.35	925	1150	1300	1700

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	3.97	94	122	137	175
30 cm	2.65	122	152	175	227

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%
20 cm	3.97	167	213	244	312
30 cm	2.65	282	351	396	518