

# BigFoot® Drip Tape

## “Medium Flow” Series

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

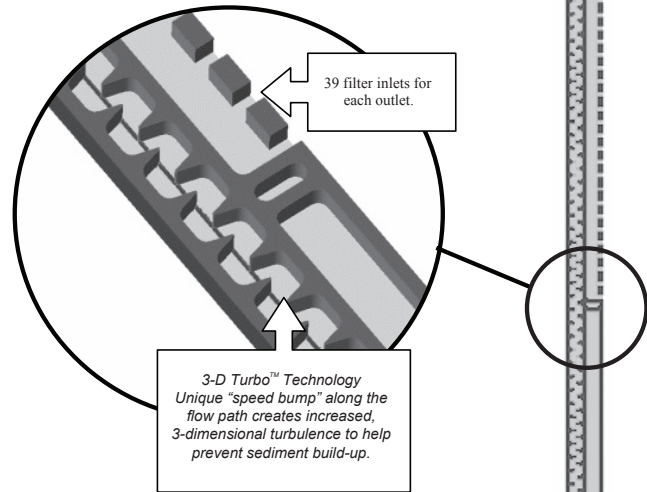
### Reduced Clogging

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

### Compare flow path dimensions

Dripper	Flow Path Dimension (in.)		
	Width	Depth	Length
<b>Bowsmith BigFoot</b> 0.21 GPH	<b>0.035</b>	<b>0.035</b>	<b>7.9</b>
<b>Netafim Streamline*</b> 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<sup>™</sup> “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