

TORO.

Count on it.

Drip In[®] PC Brown Dripline

Landscape Drip

With higher water costs in our future, it makes more sense than ever to use inline tubing in suitable landscape applications. Drip In PC is both an effective and economical choice for at-grade installations. This pressure compensating dripline delivers water precisely and evenly to plant root zones from beginning to end of the tubing run. Rugged, lightweight and flexible, Drip In PC is also highly clog resistant thanks to its labyrinth type, turbulent flow design. Manufactured of the highest quality resins and under strict quality control standards, this brown tubing will blend into the landscape and deliver years of reliable service.

Features & Benefits

Built-in Emitters

Deliver precise water application directly to the root zone.

Fully Pressure-compensating From 15 – 60 PSI

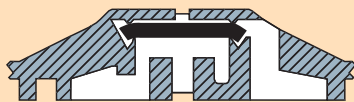
The pressure compensating design makes it ideal for slopes, high wind areas and areas with limited water supply or low pressure.

High Uniformity

Proven, dependable pressure compensating Drip In emitters deliver uniform, precise emitter discharge rates with exceptionally low variability.

Keeps Water Off Hardscapes

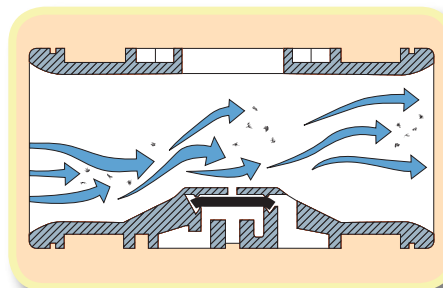
Preventing unsightly water stains.



Flushing

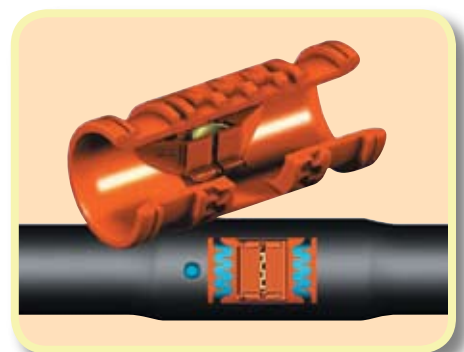


Regulating



HIGHLY CLOG RESISTANT

Unique, raised internal filtration design deflects debris upward and away from the emitter's inlet. Because the inlet is also raised, sediment won't collect at the inlet while the system is off.



DUAL OPPOSED OUTLETS

In above ground installations, dual opposing ports in every emitter assure that at least one outlet provides air relief, which prevents back-siphonage of contamination into the emitter.

UNIQUE, CONTINUOUS FLUSHING

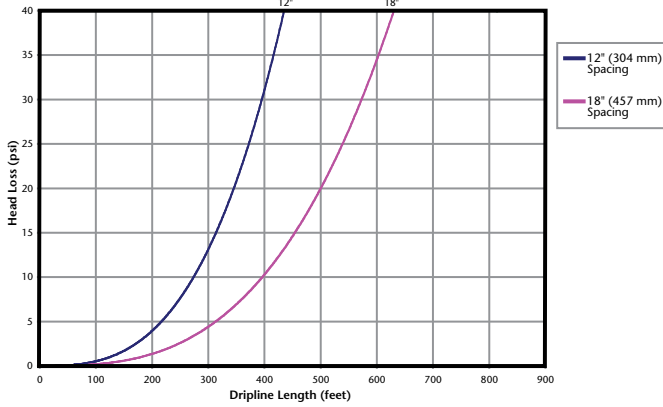
Three separate flushing cycles ensure ongoing reliability and performance of the pressure compensating Drip In emitter. Flushing occurs at low pressure at start up, during the irrigation cycle if the emitter begins to clog and there is a reduction in flow, and as pressure drops during shut-down.



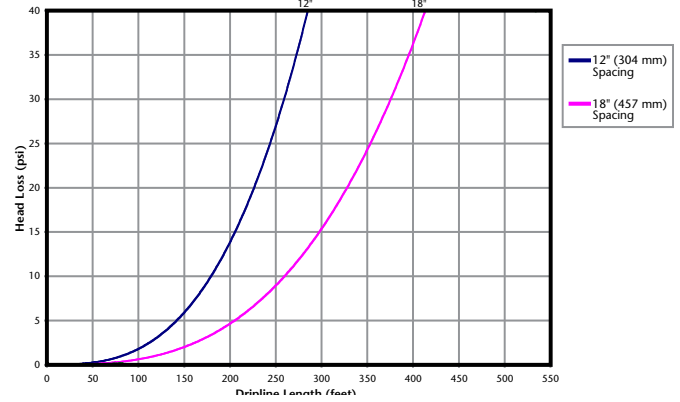
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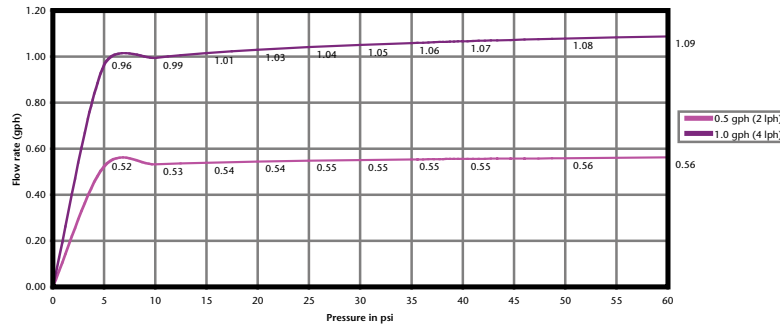
Head Loss v. Dripline Length and Emitter Spacing
Drip In PC 5/8", 0.53 gph (2 lph) Emitter @ 0% Slope.



Head Loss v. Dripline Length and Emitter Spacing
Drip In PC 5/8", 1.06 gph (4 lph) Emitter @ 0% Slope.



Drip In PC 5/8"
Emitter discharge rate vs. pressure



Length of Run Chart

5/8" (0.620" ID / 0.710" OD)				Inlet pressure vs. Max length of run in Feet			
Part Number	Tubing Size	Flow Rate	Emitter Spacing	15 psi	25 psi	30 psi	40 psi
T-PCB1853-12	.620" ID	.53 gph	12"	250'	360'	400'	460'
T-PCB1853-18	.620" ID	.53 gph	18"	350'	515'	565'	650'
T-PCB1810-12	.620" ID	1.0 gph	12"	160'	240'	260'	300'
T-PCB1810-18	.620" ID	1.0 gph	18"	240'	340'	375'	430'

Specifications

- 12" and 18" spacing is available
- Coil lengths of 100', 250' and 500'

5/8" Brown PC Dripline (0.620" ID x 0.710" OD x 0.045" Wall)

Model	Description
• T-PCB1853-12-100	0.53 GPH, 12" emitter spacing, 100' coil
• T-PCB1810-12-100	1.0 GPH, 12" emitter spacing, 100' coil
• T-PCB1853-18-100	0.53 GPH, 18" emitter spacing, 100' coil
• T-PCB1810-18-100	1.0 GPH, 18" emitter spacing, 100' coil
• T-PCB1853-12-250	0.53 GPH, 12" emitter spacing, 250' coil
• T-PCB1810-12-250	1.0 GPH, 12" emitter spacing, 250' coil
• T-PCB1853-18-250	0.53 GPH, 18" emitter spacing, 250' coil
• T-PCB1810-18-250	1.0 GPH, 18" emitter spacing, 250' coil
• T-PCB1853-12-500	0.53 GPH, 12" emitter spacing, 500' coil
• T-PCB1810-12-500	1.0 GPH, 12" emitter spacing, 500' coil
• T-PCB1853-18-500	0.53 GPH, 18" emitter spacing, 500' coil
• T-PCB1810-18-500	1.0 GPH, 18" emitter spacing, 500' coil

Performance Table

Flow Rate	.53/1.06 GPH
Coefficient of Variation (Cv)	≤ 5%
Flow Exponent (x)	0.05
Inside Diameter	0.620"
Outside Diameter	0.710"
Wall	0.045"
Operating Pressure (P)	15–60 psi
Minimum Filtration Requirement	120 Mesh
Hazen-Williams C Factor	140
Barb Loss Factor (Kd)	.98

Specifying Information—DripIn PC

T-PCB-18-XX-XX-XXX				
Tubing Type	Tubing Size	Emitter Flow (GPH @ 30 psi)	Emitter Spacing	Coil Length
T-PCB	18	XX	XX	XXX
T-PCB–Brown Tubing	18–5/8" (.720 OD X 0.620" ID)	53–0.53 GPH 10–1.00 GPH	12–12" 18–18"	100–100' 250–250' 500–500'

Example: A coil of 5/8" (0.620" ID) pressure compensating .53 GPH emitters spaced at 12" on a 500' coil would be specified as: T-PCB1853-12-500



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