

# Dripln<sup>®</sup> PC Pressure-compensating Dripline



- 100', 500' and 1000' coils
- Emitter flow: 0.53, 1.00 GPH
- Emitter spacing: 12", 18", 24"
- Residential, Commercial

**Application:** Dripln pressure-compensating dripline comes standard with the blue stripe of quality. Dripln PC is also available in solid brown or solid purple for reclaimed water applications.

### Features

- Dripln PC has built-in emitters that deliver precise water application directly to the root zone
- Fully pressure-compensating from 15–60 psi (0,4–3,5, Bar)
- The pressure-compensating design makes it ideal for slopes, high wind areas and areas with limited water supply or low pressure
- Highly clog resistant due to the dual-opposed outlet emitters
- Built-in emitters
- Works well with ID and OD compression fittings
- Ease of installation
- Keeps water off hardscapes preventing unsightly stains
- Works well in odd-shaped areas

### Specifications

- Flow rates:**
- 0.53 GPH (2,0 LPH)
  - 1.06 GPH (4,0 LPH)
- Operating pressure:**
- 15–60 psi (0,4–3,5 Bar)
- Spacing:**
- 12", 18" and 24"
  - (30,5cm, 45cm and 60cm)

- Coil lengths:**
- 100', 250\*, 500' and 1000'
  - (30m, 75mm\*, 150m and 300m)
  - \*250' lengths available in brown dripline

Length of Run Chart—U.S.

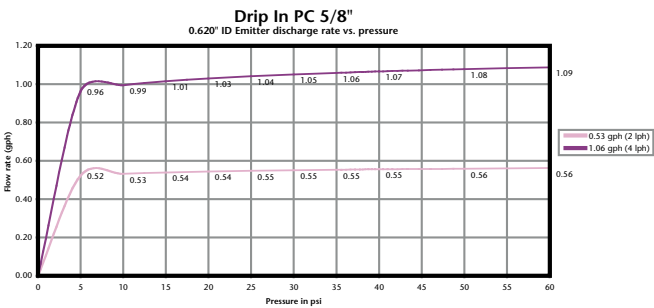
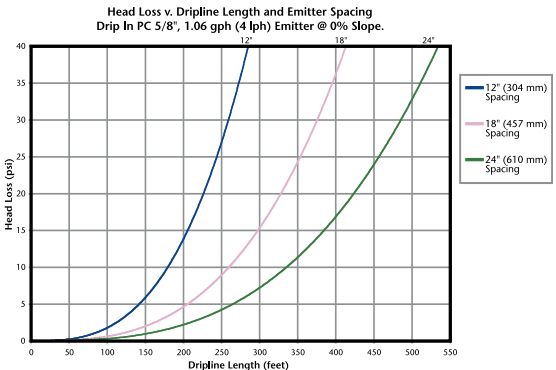
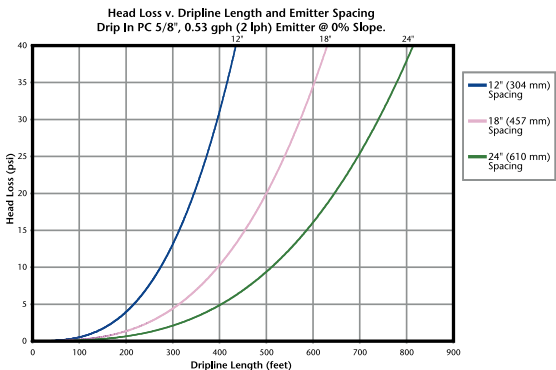
Part Number	Tubing Size	Flow Rate	Emitter Spacing	Inlet pressure vs. Max length of run in Feet			
				15 psi	25 psi	30 psi	40 psi
PCS1853-12	.620" ID	.53 gph	12"	250'	360'	400'	460'
PCS1853-18	.620" ID	.53 gph	18"	350'	515'	565'	650'
PCS1853-24	.620" ID	.53 gph	24"	450'	650'	720'	825'
PCS1810-12	.620" ID	1.0 gph	12"	160'	240'	260'	300'
PCS1810-18	.620" ID	1.0 gph	18"	240'	340'	375'	430'
PCS1810-24	.620" ID	1.0 gph	24"	300'	425'	475'	540'



Length of Run Chart—Metric

Part Number	Tubing Size	Flow Rate	Emitter Spacing	Inlet pressure vs. Max length of run in Meters			
				1.03 bar	1.72 bar	2.07 bar	2.76 bar
PCS1853-12	15.75 mm ID	2.0 lph	30.5 cm	76 m	110 m	122 m	140 m
PCS1853-18	15.75 mm ID	2.0 lph	45.7 cm	107 m	157 m	172 m	198 m
PCS1853-24	15.75 mm ID	2.0 lph	61.0 cm	137 m	198 m	219 m	251 m
PCS1810-12	15.75 mm ID	4.0 lph	30.5 cm	49 m	73 m	79 m	91 m
PCS1810-18	15.75 mm ID	4.0 lph	45.7 cm	73 m	104 m	114 m	131 m
PCS1810-24	15.75 mm ID	4.0 lph	61.0 cm	91 m	130 m	145 m	165 m

Performance Table	US	Metric
Flow Rate	.53/1.06 gph	2.0/4.0 lph
Coefficient of Variation (Cv)	.05	
Flow Exponent (x)	0.05	
Inside Diameter	0.620"	15,75 mm
Outside Diameter	0.710"	18,03 mm
Wall	0.045"	1,143 mm
Operating pressure (P)	15–60 psi	1,03–4,13 Bar
Minimum filtration requirement	120 Mesh	125 Micron
Hazen-Williams C factor	140	
Barb loss factor (Kd)	.98	



### Specifying Information

PCX 18 XX-XX-XXX

Pressure Compensation	Tubing size	Emitter flow, gph (lph) @ 30 psi (2.07 bar)	Emitter spacing	Coil length
PCS—Blue Stripe	18–5/8"	53–0.53 gph (2.00 lph)	12–12" (30.5 cm)	100–100' (30m)
PCB—Brown	(0.620" ID)	10–1.00 gph (4.00 lph)	18–18" (45cm)	250–250' (75m)*
			24–24" (60cm)	500–500' (150m)
				–1000' (300m)

**Example:** A coil of 5/8" (0.620" ID) pressure compensating .53 gph (2.00 lph) emitters spaced at 12" (30cm) on a 500' (150m) coil would have the following part number: **PCS1853-12-500**

\*250' coil length is only available in brown dripline 12" and 18" emitter spacing. Other Dripln dripline sizes (0.550" ID and 0.710" ID) available upon request.