

DRIP IN[®] PC

With RootGuard

Applications

Drip In PC with RootGuard subsurface irrigation system delivers precise water application directly to the root zone. It is perfect for odd-shaped designs, median strips, public recreation areas and residential property— any place where sprinklers don't fit the application.

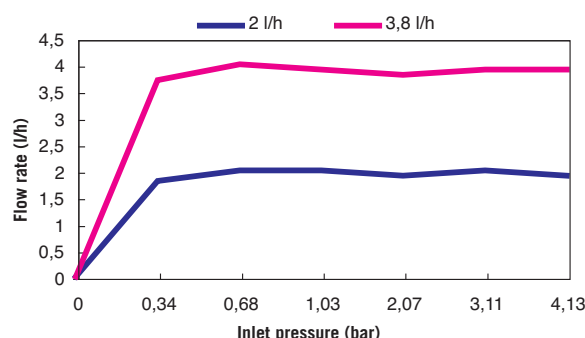
Features

- ROOTGUARD[®] protection uses the non-toxic TREFLAN[®] that creates a force-field effect, guarding against root intrusion by diverting root growth away from the emitter outlet
- TREFLAN is impregnated during the manufacturing process and requires no maintenance
- Drip In[®] PC self-cleaning emitters provide precise, trouble-free water application
- Flexible, sturdy design to fit into unusual spaces
- Easy to install and requires minimal maintenance
- Vandal Proof Installation
- It is normally installed at grade or buried 100–200 mm underground, delivering irrigation directly at the plant's root zone
- Pressure-compensating dripline with 33, 40 cm. emitter spacing
- Optional purple hose available for non-potable applications
- 6mm microline tubing available in 30 cm spacing for small, tight areas
- Emitters are inseparably welded to the inside wall of durable polyethylene dripline tubing during manufacturing
- Withstands acids down to pH2 as well as fertilizers, chemicals and chlorine
- Emitter flow rate: 2 l/h, 3,8 l/h
- Fully pressure compensating from 1 to 4 bars
- CV ≤ 5%



- Approved fertilizers and chemicals can be added at a central inlet and flow directly to the root zone
- Distinctive red stripes to signify Toro dripline with ROOTGUARD
- Five-year warranty on Drip-In PC tubing and seven-year warranty on ROOTGUARD root-intrusion protection
- Filtration: 120 mesh (125 micron)

Emitter discharge rate vs. pressure



Codes Dripline PC with RootGuard

EHD PCR XX XX XX XXX

Pressure Compensation RootGuard Drip In PC	Tubing size (O.D)	Emitter flow	Emitter spacing	Coil length
PCR-RootGuard	16 mm	2 *4	33 cm 40 cm	Nothing (for 100 mt) 5A (for 500 mt)

* The flow rate is 3,8l/h but write 4 in the code.



Inlet pressure (bar)	Maximum Line Length (m)			
	33 cm spacing 16 mm OD		40 cm spacing 16 mm OD	
	1,0	50	33	64
1,7	77	51	104	66
2,4	93	62	121	80
3,0	104	69	130	90
3,5	112	74	145	96
4,0	119	79	154	102
Flow rate (l/h)	2,0	3,8	2,0	3,8

Drip-In with RootGuard Quick View Table

Ø (mm)	Wall Thickness (mm)	Dripper flow (l/h)	Spacing (cm)	Reel length (mt)	Reel weight (Kg)	Dimensions (Ø x h)
I.D. 14 / O.D. 16,2	1,1	2,0; 3,8	33; 40	100	6	55 cm x 20 cm
I.D. 14 / O.D. 16,2	1,1	2,0; 3,8	33; 40	500	30	86 cm x 35 cm