



POT-DRIPPER™ Drip Ring

Full Coverage – Zero Overspray



Primerus Products is proud to introduce the Pot-Dripper Drip Ring. The Pot-Dripper is the best way to irrigate containers with precise drip irrigation that wets the entire root zone without any overspray or wetting of the plant trunk or foliage. Use the Pot-Dripper for trees, ornamentals or cannabis in containers ranging from 5 to 95 gallons or nursery boxes up to 36".

The Pot-Dripper system is comprised of a ring of clog resistant ¼" drip emitter line in each container supplied by an innovative Primerus Pot-Dripper stake. The ring diameter can range from 9.6" to 19" to fit your container and deliver the right amount of water. Broad distribution of water means healthy root development and Drip means zero overspray. Each Pot-Dripper can operate as a simple non-compensating device, or it can be combined with a PC "Hub Emitter", giving it all of the features of a Compensating Non-Leak ("CNL") device.

The heart of the Drip Ring is the Primerus Pot-Dripper stake which holds the ring firmly in place and supplies it with water from an 1/8" Spaghetti Tube. Two unique tapered connections on the Pot-Dripper Stake supply the drip ring with water, but also easily release it when the ring needs to be opened to remove it from the plant. A third connection accepts water from the 1/8" Spaghetti Tube (Spot-Spitter compatible) which connects to your supply lateral. A convenient shutoff post can be used to shut water flow off when a container is removed from service.

High value container crop growers have used drip rings for years when wet plant foliage cannot be tolerated. Existing solutions include expensive injection molded rings, or home-built systems relying on barbed connectors that are nearly impossible to remove once installed.

The Pot-Dripper is the simplest, most economical and flexible system for drip irrigating containers.

Use the Pot-Dripper for full container water coverage without any overspray or wetting of plant foliage or trunks.



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How to Select a Pot-Dripper

You can use the Pot-Dripper as a simple non-compensating device or combine it with a Hub Emitter for pressure compensating CNL operation. Conventional nursery and tree farms tend to favor the non-compensating configuration, while cannabis growers usually opt for a hub emitter because the CNL feature lends itself to high frequency irrigation.

Without a Hub Emitter, the flow rate of each Pot-Dripper is determined by the tubing ring diameter as shown in Table 1. Larger rings deliver more water. When used with a Hub Emitter the flow of each Pot-Dripper is set by the hub emitter.

Simply choose a ring diameter that's right for your container using the Table 1. If you choose to use a hub emitter, select the right one from the same table. Hub emitter part numbers are in Table 2.



How Use the Pot-Dripper

To use the Pot-Dripper, simply insert the stake into your container media so the ring encircles the plant. If the plant is already established, you can easily pull one end of the tubing ring off the stake, bring it around the plant then reseal it.

Next, cut a piece of 1/8" Spaghetti Tubing long enough to connect your Pot-Dripper to a PE supply lateral. Insert one end onto the 1/8" supply connection on the Pot-Dripper stake.

For a non-compensating system, simply cut the other end of the spaghetti tubing at 45° to create a point, use a Primerus Hole Punch to create a hole in your lateral and insert the 45° end for a water-tight seal.

If you are using a Hub Emitter, instead cut the starting end of the 1/8" tube at 90°, place it on the output barb of the Hub Emitter, and insert the Hub Emitter into the hole you have punched in the lateral. Only one hub emitter barb is the right size to fit the spaghetti tube, so you can't make a mistake.

You are now ready to irrigate. Keep supply pressure at 15 psi for non-compensating operation or between 15 and 50 psi if using a Hub Emitter. See the [Primerus Pot-Dripper Instructions for Installation and Use](#) for more detailed information.

Pot-Dripper Model	Container Size	Ring Diameter	No. Drippers	Flow Rate at 15 psi	Optional Hub Dripper	Max Containers Row*
PD-010-100	5-7 Gal	9.6 in.	5	2.5 GPH	2 GPH	105 (1/2" lateral)
						240 (3/4" lateral)
						450 (1" lateral)
PD-012-100	10-15 Gal	11.5 in.	6	3.0 GPH	3.2 GPH	75 (1/2" lateral)
						175 (3/4" lateral)
						320 (1" lateral)
PD-014-100	20-25 Gal or 24-30" Box	13.4 in.	7	3.5 GPH	3.2 GPH	52 (1/2" lateral)
						120 (3/4" lateral)
						230 (1" lateral)

* At 300-ft run. For other run lengths consult a design calculator.

Table 1
Pot-Dripper Selection Chart

Components and Accessories	
Part No	Description
CNL-01WPCJL8-50	Netafim PCJ Hub dripper, 2 GPH, bag 500
CNL-01WPCJL12-50	Netafim Hub dripper, 3.2 GPH, bag 500
PD-125170-100	Pot dripper stake only, bag 100
DL-17040-6-1000	1/4" PE Dripline, 6" spacing, 1000' roll
TPE-12531-36	1/8" Spaghetti Tube, 36" length, 90° end, box 1000 (for use with hub dripper)
TPE-12531-48	1/8" Spaghetti Tube, 48" length, 90° end, box 1000 (for use with hub dripper)
TPE-12531-36-45	1/8" Spaghetti Tube, 36" length, 45° end, box 1000 (for use without hub dripper)
TPE-12531-48-45	1/8" Spaghetti Tube, 48" length, 45° end, box 1000 (for use without hub dripper)
TPE-12531-100	1/8" Spaghetti Tube, 100-foot roll
TPE-12531-1000	1/8" Spaghetti Tube, 1000-foot roll
000-HP125	Primerus 1/8" Hole Punch

Table 2
Pot-Dripper Components and Accessories