

17 MM

# EZ-ID CV Dripline

Ideal for Commercial Landscapes and Residential Gardens



All EZ-ID CV Dripline is made using 100% Dow Chemical 7510 polyethylene (PE) material which has a 30+ year record of product quality and has excellent environmental stress crack resistance. The UV stabilized brown color protects the tubing from the harmful effects of the sun and blends well into the landscape. The dripline is color coded with double stripes for easy identification in the field. The 1.0 GPH has white stripes, the 0.6 GPH has blue stripes and the 0.4 GPH has orange stripes.

## Features

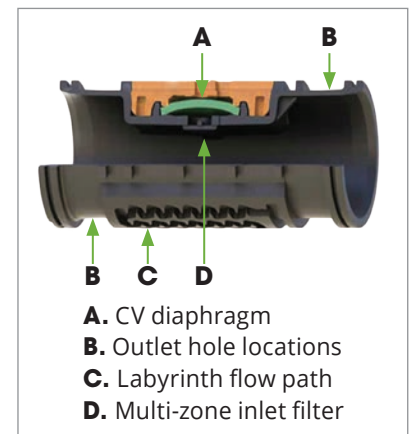
- Accepts standard 17 MM brown fittings
- Pre-installed built-in emitters for simple installation
- Dual outlets at each emitter provide excellent clogging resistance
- Brown external color with excellent UV resistance
- Ideal for on-surface and sub-surface applications

## Emitter Details

Landscape Products check valve emitters stop water flow when dripline pressure drops below 2 psi. These pressure compensating emitters are designed with a silicone diaphragm to give a consistent flow rate for a range of pressures on undulating ground over long distances. The elevated multi-zone inlet filter draws water from the center of the tubing where high velocity flow flushes debris. Opposing dual outlet holes at each emitter provide excellent clogging resistance and air relief that helps prevent back siphonage.

## Specifications

Emitter spacing	12 and 18-inch
Flow rate	0.4, 0.6 and 1.0 GPH per emitter
Check valve	2 PSI check valve (4.5-foot hold back)
Roll length	100 , 250 and 500-feet
Outside diameter	0.66-inch
Inside diameter	0.56-inch
Wall thickness	0.05-inch
Operating pressure range	15 – 45 PSI
Recommended filtration	150-mesh



landscapeproductsinc.com

For more information or to find a distributor contact:

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## Average Soil Infiltration Rate (inches per hour)

Slope	Clay	Loam	Sand
0% to 5% on Bare Soil	0.15 – 0.45	0.45 – 0.96	0.96 – 1.50
5% to 8% on Bare Soil	0.10 – 0.35	0.35 – 0.75	0.75 – 1.25

These average reference values are based upon data from USDA charts.

## Dripline Selection Guidelines

	Clay	Loam	Sand
Nominal Emitter Flow Rate	0.4 GPH	0.6 GPH	1.0 GPH
EZ-ID color code	Orange	Blue	Green
Emitter Spacing	18"	12"	12"
Dripline Row Spacing	18"	18"	12"
Application Rate (inches/hour)	0.29	0.64	1.60
Required time to apply 1/4" of water	53 min.	23 min.	9 min.

## Flow Rate Conversion GPH to GPM per 100-Feet

Emitter Spacing	Nominal Flow Rate (GPH/GPM)					
	0.4 GPH		0.6 GPH		1.0 GPH	
12"	40.0 GPH	0.67 GPM	60.0 GPH	1.0 GPM	100 GPH	1.67 GPM
18"	26.67 GPH	0.44 GPM	40.0 GPH	0.67 GPM	66 GPH	1.11 GPM

## Product Part Number

Part Number	Product Description
12050910	17 MM Blank Dripline Tubing – 100'
12050920	17 MM Blank Dripline Tubing – 250'
12075410	0.4 GPH Emitters 100' Roll x 12" Spacing
12075430	0.4 GPH Emitters 500' Roll x 12" Spacing
12075440	0.4 GPH Emitters 100' Roll x 18" Spacing
12075460	0.4 GPH Emitters 500' Roll x 18" Spacing
12075610	0.6 GPH Emitters 100' Roll x 12" Spacing
12075620	0.6 GPH Emitters 250' Roll x 12" Spacing
12075630	0.6 GPH Emitters 500' Roll x 12" Spacing
12075640	0.6 GPH Emitters 100' Roll x 18" Spacing
12075660	0.6 GPH Emitters 500' Roll x 18" Spacing
12075910	1.0 GPH Emitters 100' Roll x 12" Spacing
12075920	1.0 GPH Emitters 250' Roll x 12" Spacing
12075930	1.0 GPH Emitters 500' Roll x 12" Spacing
12075940	1.0 GPH Emitters 100' Roll x 18" Spacing
12075960	1.0 GPH Emitters 500' Roll x 18" Spacing

## Single Lateral Maximum Run Length (feet)

Outlet Pressure (PSI)	12" Spacing Nominal Flow Rate (GPH)			18" Spacing Nominal Flow Rate (GPH)		
	0.4	0.6	1	0.4	0.6	1
	20	282	233	173	394	325
25	328	271	201	459	378	283
30	364	301	224	510	420	314
35	394	326	242	553	456	341
40	421	348	259	591	488	363
45	445	367	270	624	514	381

## Application Rate (inches per hour)

17 MM EZ-ID 0.4 GPH Dripline Spacing									
	12"	13"	14"	15"	16"	17"	18"	20"	24"
12" Emitter Spacing	0.64	0.59	0.55	0.51	0.48	0.45	0.43	0.39	0.32
18" Emitter Spacing	0.43	0.4	0.37	0.34	0.32	0.3	0.27	0.26	0.21
17 MM EZ ID 0.6 GPH Dripline Spacing									
	12"	13"	14"	15"	16"	17"	18"	20"	24"
12" Emitter Spacing	0.96	0.89	0.83	0.77	0.72	0.68	0.64	0.58	0.48
18" Emitter Spacing	0.64	0.59	0.55	0.51	0.48	0.45	0.43	0.39	0.32
17 MM EZ ID CV 1.0 GPH Dripline Spacing									
	12"	13"	14"	15"	16"	17"	18"	20"	24"
12" Emitter Spacing	1.6	1.48	1.38	1.28	1.2	1.13	1.07	0.96	0.8
18" Emitter Spacing	1.07	0.98	0.92	0.85	0.8	0.75	0.71	0.64	0.53

How to calculate application rate:

$$\frac{231.1 \times \text{Emitter Flow Rate in Gallons per Hour}}{\text{The Dripline Row Spacing in Inches} \times \text{Emitter Spacing in Inches}}$$

## Warranty

Landscape Products, Inc. warrants polyethylene tubing and PVC vinyl tubing to be free from original defects in material and workmanship for a period of seven (7) years from the date of manufacture. LPI further warrants any of its polyethylene tubing to be free from environmental stress cracking for a period of fifteen (15) years from the date of manufacture.

