

DIG's Excel series PC dripline is an advanced, pressure-compensating, linear low-density polyethylene drip line. The cylindrical flow-regulated inline emitters are self-contained units molded at specified intervals into the inner wall of the polyethylene tubing. Each has a self-cleaning mechanism at the water outlet chamber. Both the tubing and the drippers are manufactured from the finest quality resins to ensure uniform watering from each emitter, year after year.

## EXCEL™

### Pressure Compensating Dripline



### FEATURES

- Used for above or below grade installation
- Two flow rates to provide maximum flexibility in a variety of applications
- Flow regulated, self flushing in-line emitters deliver equal flow at a wide range of operating pressures
- Flow uniformity regardless of operating pressure and variation along the line
- The dripper and the diaphragm are self-contained units that are molded to the interior wall of the tubing
- Turbulent flow through a large labyrinth water passage helps reduce clogging
- Clogging is also reduced due to the dripper's filter intake area being continuously flushed by the water flow
- Made of three individual sections including a cylindrical plastic housing with labyrinth water passage, a floating silicon diaphragm and a plastic receptacle
- Resistant to chemicals and fertilizers commonly used in landscaping sites
- Flexible tubing for easy installation
- The dripline is marked with flow rate, size and date for easy identification

### SPECIFICATIONS

- Flow rates:
  - .58 GPH (2 l/h) color code - yellow
  - .95 GPH (3.6 l/h) color code - white
- Operating pressure: 12-50 PSI (.8-3.5 BAR)
- Color code: black or brown
- Available in two sizes:
  - .550 ID x .640 OD (13.9 mm ID x 16.2 mm OD)
  - .570 ID x .670 OD (14.4 mm ID x 17 mm OD)
- Spacing: 12", 18", 24", 30 and 36"  
(30.5 cm, 45.7 cm, 61 cm 76 cm and 91 cm)
- Available in 100', 250', 500' and 1000' coils  
(30 m, 75 m, 150 m and 300 m)
- Minimum bending radius: 2' (60 cm)
- Filter requirement: 155 mesh

### MATERIALS

- Linear low-density polyethylene



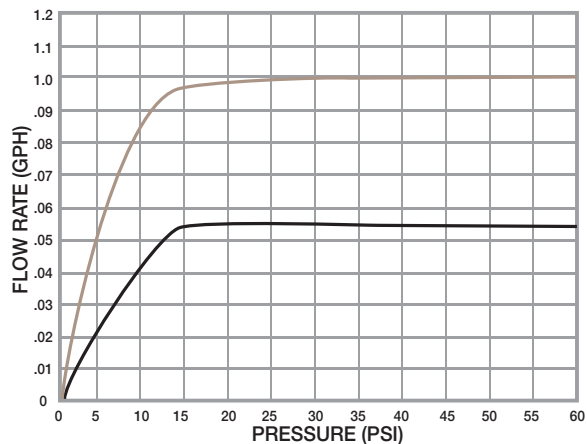
PERFORMANCE						
16 MM PC DRIPLINE						
MAXIMUM LATERAL LENGTH (FEET)						
Dripper Spacing	Flow rate .58 GPH			Flow rate .95 GPH		
	12"	18"	24"	12"	18"	24"
15 PSI	106	135	165	98	122	138
25 PSI	228	334	462	188	265	345
35 PSI	285	426	565	218	320	411
45 PSI	335	498	655	245	365	463

\* Flat terrain

PERFORMANCE				
17 MM PC DRIPLINE				
MAXIMUM LATERAL LENGTH (FEET)				
Dripper Spacing	Flow rate .58 GPH		Flow rate .95 GPH	
	12"	18"	12"	18"
15 PSI	132	163	114	142
25 PSI	295	384	216	285
35 PSI	358	483	257	343
45 PSI	395	536	298	392

\* Flat terrain

### FLOW RATE VS. PRESSURE



FLOW RATE PER 100 FEET				
Dripper flow rate Spacing	.58 GPH		.95 GPH	
	GPM	GPH	GPM	GPH
12"	0.88	58.0	1.66	100.0
18"	0.58	35.3	1.11	66.6
24"	0.44	26.5	0.83	50.0

### ORDERING INFORMATION

#### MODEL/ DESCRIPTION SPACING COLOR

<b>16 MM, 640 OD</b>		
<b>100', .58 GPH</b>		
A5-112	12"	black
A5-118	18"	black
A5-124	24"	black
<b>100', .95 GPH</b>		
A1-112	12"	black
A1-118	18"	black
A1-124	24"	black
<b>250', .58 GPH</b>		
A5-212	12"	black
A5-218	18"	black
A5-224	24"	black
<b>250', .95 GPH</b>		
A1-212	12"	black
A1-218	18"	black
A1-224	24"	black
<b>500', .58 GPH</b>		
A5-512	12"	black
A5-518	18"	black
A5-524	24"	black
<b>500', .95 GPH</b>		
A1-512	12"	black
A1-518	18"	black
A1-524	24"	black
<b>1,000', .58 GPH</b>		
A5-12	12"	black
A5-18	18"	black
A5-24	24"	black
<b>1,000', .95 GPH</b>		
A1-12	12"	black
A1-18	18"	black
A1-24	24"	black
A1-30	30"	black
A1-36	36"	black
<b>17 MM, 670 OD</b>		
<b>100', .58 GPH</b>		
A5-112P	12"	brown
A5-118P	18"	brown
<b>100', .95 GPH</b>		
A1-112P	12"	brown
A1-118P	18"	brown
<b>500', .58 GPH</b>		
A5-512P	12"	brown
A5-518P	18"	brown
A5-524P	24"	brown
<b>500', .95 GPH</b>		
A1-512P	12"	brown
A1-518P	18"	brown
A1-524P	24"	brown
<b>1,000', .58 GPH</b>		
A5-12P	12"	brown
A5-18P	18"	brown
A5-24P	24"	brown
<b>1,000', .95 GPH</b>		
A1-12P	12"	brown
A1-18P	18"	brown
A1-24P	24"	brown