

EXCEL™ PCD Series

Dual-Outlet 17 mm Dripline

EXCEL™ PCD Dripline

Excel™ (PCD) Pressure Compensating, Dual-Outlet Dripline offers excellent performance at a range of operating pressures and presents many advantages in site preservation and system efficiency, supporting trouble-free operation and long life. It is ideal for installation in oddly or narrowly shaped areas, parking lots, high-traffic areas, green walls, green roofs, windy sites and on difficult terrain such as on slopes and other challenging areas.

Features

- Superior burst strength, flexibility and environmental stress-cracking resistance
- Emitters provide continuous self-flushing feature during the irrigation cycle ensuring consistent operation
- Flow uniformity regardless of operation pressure and variation along the line
- Two outlets per emitter form a physical barrier to root and debris intrusion



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Flow rate per 100' (30 m)

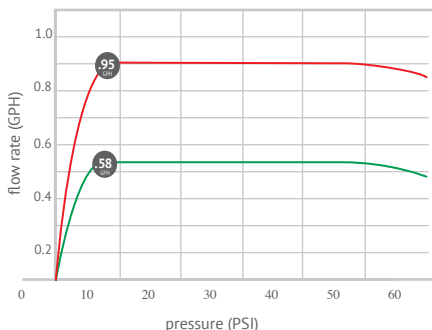
flow rate .58 GPH				
dripper spacing:	GPM	L/M	GPH	L/H
12" (30 cm)	0.97	3.67	58	220
18" (46 cm)	0.64	2.42	39	148
24" (61 cm)	0.48	1.82	29	110
flow rate .95 GPH				
dripper spacing:	GPM	L/M	GPH	L/H
12" (30 cm)	1.58	5.98	95	360
18" (46 cm)	1.06	4.01	63	240
24" (61 cm)	0.79	2.99	48	182

Maximum single lateral length

pressure PSI (BAR)	Dripper spacing		
	12" (30 cm)	18" (46 cm)	24" (61 m)
flow rate .58 GPH (2.2 L/H)			
15 PSI (1)	218' (66 m)	281' (86 m)	376' (115 m)
25 PSI (1.7)	320' (98 m)	446' (136 m)	587' (179 m)
35 PSI (2.4)	376' (115 m)	545' (166 m)	706' (215 m)
45 PSI (3.1)	465' (142 m)	624' (190 m)	792' (241 m)
flow rate .95 GPH (3.6 L/H)			
15 PSI (1)	172' (52 m)	221' (67 m)	300' (91 m)
25 PSI (1.7)	231' (70 m)	347' (106 m)	419' (128 m)
35 PSI (2.4)	297' (91 m)	409' (125 m)	512' (156 m)
45 PSI (3.1)	330' (101 m)	479' (146 m)	561' (171 m)

Flow rate vs. pressure

Flow rate vs. pressure



EXCEL™ PCD Dripline

100' PC DRIPLINE

A5-112P	12" spacing, .58 GPH, .670" OD
A5-118P	18" spacing, .6 GPH, .670" OD
A1-112P	12" spacing, .95 GPH, .670" OD
A1-118P	18" spacing, .95 GPH, .670" OD



250' PC DRIPLINE

A5-212P	12" spacing, .58 GPH, .670" OD
A5-218P	18" spacing, .58 GPH, .670" OD
A5-224P	24" spacing, .58 GPH, .670" OD
A1-212P	12" spacing, .95 GPH, .670" OD
A1-218P	18" spacing, .95 GPH, .670" OD
A1-224P	24" spacing, .95 GPH, .670" OD

500' PC DRIPLINE

A5-512P	12" spacing, .58 GPH, .670" OD
A5-518P	18" spacing, .58 GPH, .670" OD
A5-524P	24" spacing, .58 GPH, .670" OD
A1-512P	12" spacing, .95 GPH, .670" OD
A1-518P	18" spacing, .95 GPH, .670" OD
A1-524P	24" spacing, .95 GPH, .670" OD

1000' PC DRIPLINE

A5-12P	12" spacing, .58 GPH, .670" OD
A5-18P	18" spacing, .58 GPH, .670" OD
A5-24P	24" spacing, .58 GPH, .670" OD
A1-12P	12" spacing, .95 GPH, .670" OD
A1-18P	18" spacing, .95 GPH, .670" OD
A1-24P	24" spacing, .95 GPH, .670" OD

3/4" AC & DC Drip Zone Assembly

P40-075

30 PSI, 3/4" drip zone with 24 VAC solenoid and 155 mesh poly screen filter
Recommended flow rate range:
0.10-13 GPM (.37-49 L/H)



PRF-25-100

1" MNPT Y filter with 155-mesh screen, 25-PSI preset pressure regulator and flush cap
Flow rate range: .5 - 10 GPM



P55-100

30 PSI, 1" drip zone with 24VAC solenoid and 155-mesh SS screen filter
Recommended flow rate range:
2-18 GPM (.37-68 L/M)



1/2" Tubing Stakes

16-062	heavy duty stake
16-057	galvanized steel wire



Air Relief Valve

18-028	1/2" air vacuum relief valve
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Ball Valve

28-007	17 mm barbed ball valve
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Hole Punch

16-063	barb connector hole punch
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Poly Distribution Tubing

31-016B	1/2" brown, 100', .570" ID x .670" OD
31-017B	1/2" brown, 250', .570" ID x .670" OD
31-018B	1/2" brown, 500', .570" ID x .670" OD



17 mm Barbed & Insert Fittings

COUPLING

15-040	.600" ID
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TEE

15-041	.600" ID
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ELBOW

15-042	.600" ID
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1/2" MALE X BARB

15-046	.600" ID
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3/4" MALE X BARB

15-049	.600" ID
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1/2" ELBOW X BARB

15-047	.600" ID
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PVC STARTER CONNECTOR

15-048	.600" ID with O-ring
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BARBED CROSS

15-061	.600" ID
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1/2" MALE TEE X BARB

15-043	.600" ID
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3/4" MALE TEE X BARB

15-044	.600" ID
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3/4" FEMALE TEE X BARB

15-045	.600" ID
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POLY BARB CONNECTOR

15-065	.600" ID
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3/4" MALE X BARB "Y"

15-063	.600" ID
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Micro Pop-Up Indicators

12" POP-UP INDICATOR WITH 1/2" MPT
DSPI-12



8" POP-UP INDICATOR WITH 1/2" MPT
DSPI-08



12" POP-UP INDICATOR WITH 1/4" BARBED ELBOW
DSPI-12B



8" POP-UP INDICATOR WITH 1/4" BARBED ELBOW
DPSI-08B

