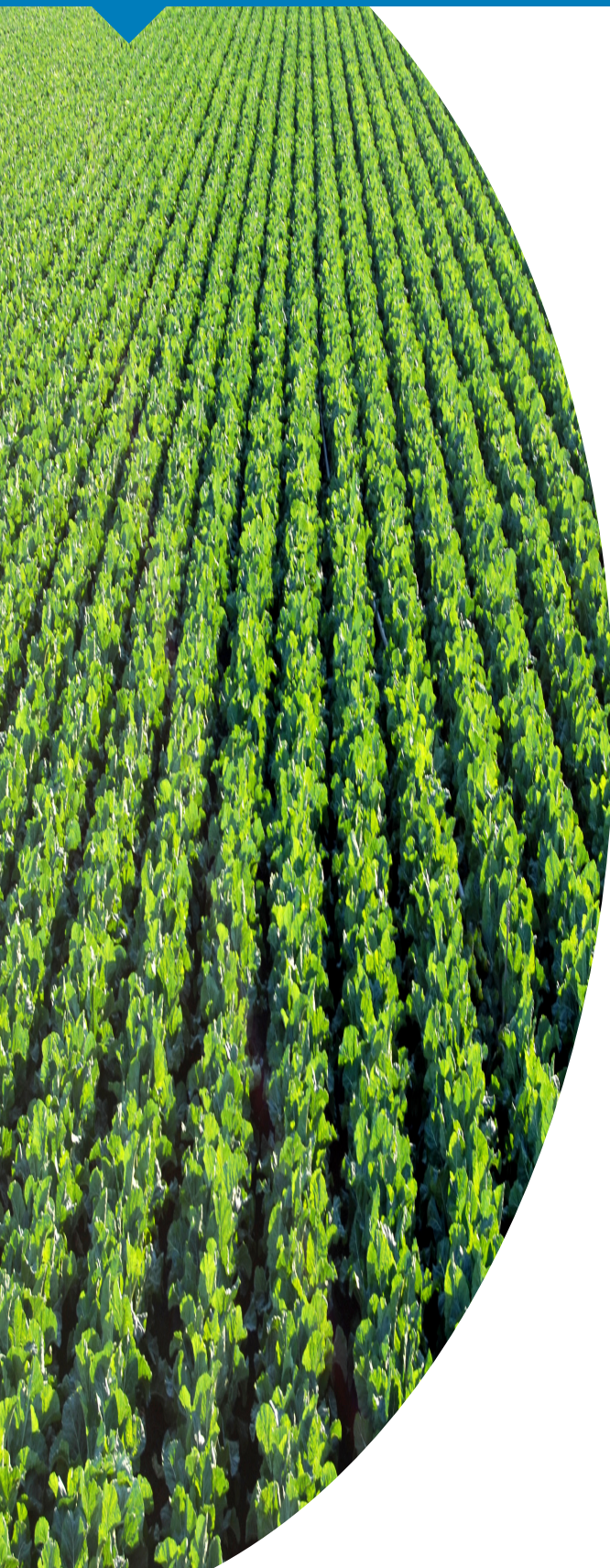


EXCEL™ PCD Series | Dual-Outlet Emitters

16 mm Pressure Compensating Dripline



EXCEL™ PCD Series Dripline

Excel™ Series pressure compensating dripline is designed and manufactured to meet the needs of today's irrigation efficiency requirements, while providing trouble-free operation, long life and optimum plant growth. pressures presents many advantages in site preservation and system efficiency, supporting trouble-free operation and a long life.

Features

- Emitters continuously self-flush during the irrigation cycle, ensuring consistent operation
- Superior burst strength, flexibility and environmental stress-cracking resistance
- Resistant to chemicals and fertilizers commonly used in landscaping and agriculture
- Two outlets per emitter form a physical barrier to root and debris intrusion



Easy to read labels provide a clear description of tubing information



DIG Corporation
1210 Activity Drive
Vista, California 92081
www.digcorp.com

800.322.9146
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EXCEL™ PCD Series | Dual-Outlet Emitters

16 mm Pressure Compensating Dripline

Specifications

- Flow rates: .58 GPH (2.2 L/H) and .95 GPH (3.6 L/H)
- Operating pressure: 12-50 PSI (0.8-3.5 BAR)
- Materials: Low-density polyethylene
- Dripline color: black
- Size: .640" OD (16.3 mm OD) with a wall thickness of .035" - .045" (0.9 - 1.1 mm)
- Spacing: 12", 18", 24" or 30" (30 cm, 45 cm, 50 cm, 60 cm)
- Available in 1000" and 1300" coils (300 m and 400 m)
- Minimum bending radius: 1' (30 cm)
- Filter requirement: minimum 150 mesh
- Recommended for use above ground

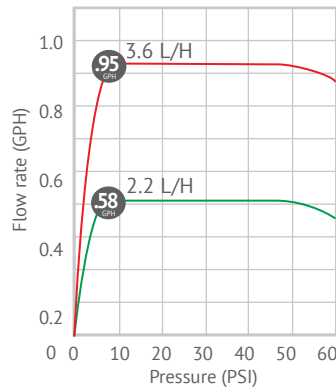
Maximum single lateral length 16 mm (PC) dripline (.530" ID x .640" OD)

Dripper spacing

Pressure PSI (BAR)	Dripper spacing		
	12" (30 cm)	18" (46 cm)	24" (61 cm)
Flow rate .58 GPH (2.2 L/H)			
15 PSI (1.0)	175' (53 m)	238' (73 m)	304' (93 m)
25 PSI (1.7)	238' (73 m)	380' (116 m)	492' (150 m)
35 PSI (2.4)	337' (103 m)	459' (140 m)	611' (186 m)
45 PSI (3.1)	376' (115 m)	502' (153 m)	667' (203 m)
Flow rate .95 GPH (3.6 L/H)			
15 PSI (1.0)	158' (48 m)	178' (54 m)	224' (68 m)
25 PSI (1.7)	211' (64 m)	304' (93 m)	370' (113 m)
35 PSI (2.4)	248' (76 m)	337' (103 m)	446' (136 m)
45 PSI (3.1)	290' (88 m)	380' (116 m)	479' (146 m)



Flow rate vs pressure



16 mm Compression Fittings

COMPRESSION COUPLING
24-002 .630" OD



COMPRESSION TEE
24-003 .630" OD



COMPRESSION ELBOW
24-004 .630" OD



3/4" FEMALE COMPRESSION END CAP
24-005 .630" OD



3/4" FEMALE ADAPTER X WASHER
24-006 .630" OD



3/4" MALE COMPRESSION ADAPTER
24-025 .630" OD



3/4" FEMALE TEE X WASHER
24-064 .630" OD



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



Air Relief Valve

1/2" AIR VACUUM RELIEF VALVE
18-028



16 mm Barbed Fittings & Accessories

COUPLING

15-030 .520" ID



TEE

15-031 .520" ID



ELBOW

15-032 .520" ID



1/2" MALE X BARB

15-036 .520" ID



3/4" MALE X BARB

15-039 .520" ID



PVC STARTER CONNECTOR

15-038 .520" ID with O-ring



1/2" MALE TEE X BARB

15-033 .520" ID



3/4" MALE TEE X BARB

15-034 .520" ID



1/2" Tubing Stakes

HEAVY DUTY STAKE

16-032



GALVANIZED STEEL WIRE

16-057

How to specify

Model	Description	Color
16 mm PC dripline		
A5-XX	1000' - .56 GPH 300 m - 2.1 L/h	Black
A1-XX	1000' - .93 GPH 300 m - 3.5 L/h	Black

XX = dripper spacing

example:	12 = 12" (30 cm)
A5-XX	18 = 18" (46 cm)
	24 = 24" (60 cm)
A5-12	30 = 30" (75 cm)