

EXCEL™ SERIES 16 MM DRIPLINE

PRESSURE COMPENSATING 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.

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

PART #	_____
COIL LENGTH	_____
TUBING SIZE	_____
FLOW RATE	_____
SPACING	_____
COLOR	_____
Made in the USA by DIG Corporation 1210 Activity Dr., Vista, CA 92081 1.800.322.9146 www.digcorp.com	
	
EXCEL™ PC DRIPLINE	



EXCEL™ SERIES 16 MM DRIPLINE

PRESSURE COMPENSATING DRIPLINE

Specifications

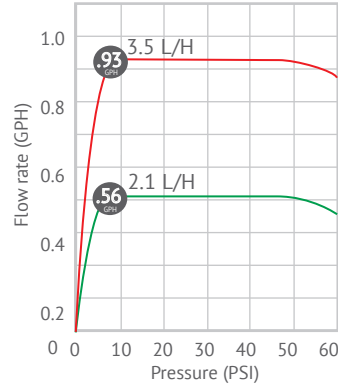
- Flow rates: .56 GPH (2.1 L/H) and .93 GPH (3.5 L/H)
- Operating pressure: 12-50 PSI (0.8-3.5 BAR)
- Materials: Low-density polyethylene
- Dripline color: black
- Size: .630 OD (16 mm OD) with a wall thickness of .035 - .045 (9 - 1.1 mm)
- Spacing: 12", 18", 24" or 30" (30 cm, 45 cm, 50 cm, 60 cm)
- Available in 1000' and 1300' coils (300 m and 400 m)
- Minimum bending radius: 1' (.3 m)
- Filter requirement: minimum 150 mesh
- Recommended for use above ground

Maximum single lateral length 16 MM (PC) dripline

Pressure PSI (BAR)	Dripper spacing		
	12" (30 cm)	18" (45 cm)	24" (60 cm)
	Flow rate .56 GPH (2.1 L/H)		
15 PSI (1)	175' (53 m)	213' (65 m)	294' (90 m)
25 PSI (1.7)	295' (90 m)	359' (109 m)	512' (156 m)
35 PSI (2.4)	318' (97 m)	432' (132 m)	601' (183 m)
45 PSI (3.1)	375' (114 m)	468' (143 m)	652' (199 m)
	Flow rate .93 GPH (3.5 L/H)		
15 PSI (1)	124' (38 m)	152' (46 m)	218' (66 m)
25 PSI (1.7)	205' (62 m)	260' (79 m)	361' (110 m)
35 PSI (2.4)	230' (70 m)	293' (89 m)	406' (124 m)
45 PSI (3)	278' (85 m)	352' (107 m)	460' (140 m)



Flow rate vs pressure



16 mm Compression Fittings

COMPRESSION COUPLING
24-002 .630 ID



COMPRESSION TEE
24-003 .630 ID



COMPRESSION ELBOW
24-004 .630 ID



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



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



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



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



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
DSPI-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

EXCEL™ PC-CV Dripline

1000' PC DRIPLINE WITH CV

A5-12	12" (30 cm) spacing, .6 GPH, .670 OD
A5-18	18" (45 cm) spacing, .6 GPH, .670 OD
A5-24	24" (60 cm) spacing, .6 GPH, .670 OD
A1-12	12" (30 cm) spacing, 1 GPH, .670 OD
A1-18	18" (45 cm) spacing, 1 GPH, .670 OD
A1-24	24" (60 cm) spacing, 1 GPH, .670 OD

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 in (30 cm)	
A5-XX	18 = 18 in (46 cm)	
	24 = 24 in (60 cm)	
A5-12	30 = 30 in (75 cm)	