



## PLD PRODUCT SPECIFICATIONS

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### MODEL NUMBERS:

CATALOG NO.	TITLE	ITEM REF.
ECO MAT 16	16mm Subsurface Irrigation Mat	1
ECO MAT 17	17mm Subsurface Irrigation Mat	2
PLD ESD 16	16mm Fleece Wrapped Tubing	3
PLD ESD 17	17mm Fleece Wrapped Tubing	4

### PRODUCT DATA:

STOCKING AND MARKETING INFORMATION
ALL PRODUCTS CONTAIN .6 GPH (2.2 LPH EMITTERS) ON 12" (30 CM) SPACING
<u>ROLL DIMENTIONS AND COVERAGE</u> ECO MAT 16 – .80 METERS WIDTH X 100 METERS LENGTH (80 M <sup>2</sup> COVERAGE ) ECO MAT 17 – 32 INCHES WIDTH X 295 FEET LENGTH (785 FT <sup>2</sup> COVERAGE ) PLD ESD 16 – 100 METER COIL PLD ESD 17 – 250 FOOT COIL
<u>PALLET QTY:</u> ECO MAT MODELS – 6 ROLLS PLD ESD MODELS – 32 ROLLS
ECO MAT 16 ROLL DIMENSIONS – 1,2M OD, .4M ID, .4M WIDTH ECO MAT 17 ROLL DIMENSIONS – 36" OD, 16" ID, 16" WIDTH PLD ESD 16 ROLL DIMENSIONS – .7M OD .7M WIDTH PLD ESD 17 ROLL DIEMSIONS – 24" OD, 16" WIDTH
5-YR STANDARD WARRANTY; 7-YR ENVIRONMENTAL STRESS CRACKING WARRANTY
PRODUCT FEATURES
EMITTERS ARE PRESSURE COMPENSATING FROM 15-50 PSI (1.0-3.5 BAR)
EMITTERS ARE NON-DRAINING UP TO AVERAGE OF 5' HEAD
TUBING EXTRUDED OUT OF LLDPE MATERIAL
PLD ESD TUBING IS WRAPPED IN POLY PROPYLENE FLEECE ECO MAT CONTAINS PLD ESD AFFIXED TO A SHEET OF POLY PROPYLENE FLEECE. EACH YD <sup>2</sup> (M <sup>2</sup> ) HOLDS ONE HALF GALLON (TWO LITERS) OF WATER
TUBING DIAMETER COMPATIBLE WITH ALL INDUSTRY STANDARD 16MM AND 17MM FITTINGS
RECOMMENDED INSTALLATION DEPTH 4-12" (10-30 CM)
RECOMMENDED FILTRATION: 120 MESH
SPECIFICATIONS
TUBING BURST RATED UP TO 200 PSI MINIMUM
AVERAGE Cv VALUE OF 4.0 %
OPERATIONAL PRESSURE RANGE OF 15-50 PSI (1.0 – 3.5 BAR)

### MAX. RUN LENGTHS:



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0.6 GPM	
Pressure (psi)	Spacing (in)
	12
15	173
20	230
25	265
30	299
35	333
40	342
45	364
50	387

2.2 l/min	
Pressure (bar)	Spacing (m)
	0.30
1.0	51
2.0	89
3.0	108

### Flow Rates:

16mm LPM per 100 meters – 12.1

17mm GPM per 100 feet - .67