



## PLD PRODUCT SPECIFICATIONS

TITLE : ECO MAT AND PLD ESD PRODUCT SPECIFICATION	DOC.NO:	DATE: 9/20/11	PAGE 1 OF 2
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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 230 FEET LENGTH (613 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 LAYERED BETWEEN TWO SHEETS OF POLY PROPYLENE FLEECE. EACH YD <sup>2</sup> (M <sup>2</sup> ) HOLDS ONE GALLON (FOUR 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)



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## MAX. RUN LENGTHS:

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

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

## Flow Rates:

16mm LPM per 100 meters – 12.1

17mm GPM per 100 feet - .67