

ECO-MAT™

Irrigate plants below the root zone for maximum efficiency with a combination of fleece-wrapped dripline and fleece blanket.

KEY BENEFITS

- Anti-siphon feature and fleece wrap protect against debris and root intrusion
- Saves 20–40% more water than standard products due to superior capillary movement of water to the entire root zone, promoting healthier root growth
- Non-draining, pressure-compensating emitters open/close simultaneously, maximising efficiency
- Check height of 1.5 m minimises system drainage and runoff

PRODUCT SPECIFICATIONS

- Flow rate: 2.2 l/hr; 0.13 m³/hr
- Emitter spacing: 30 cm
- Lateral row spacing: 35 cm
- Product width: 0.80 m
- Roll length: 16 mm = 100 m; 17 mm = 90 m
- Tubing dimensions: 0.660" x 0.560" (outside/inside diameter)
- Accepts 16/17 mm barb (depending on Eco-Mat selection) or LOC Fittings
- Water-holding capacity: 1.89 l/m³
- Approximate coverage per roll: 100 m roll = 75 m²; 90 m roll = 67 m²
- Example calculation based on area 12 m x 24 m:

$$\text{Roll Qty.} = \frac{\text{Irrigated landscape area}}{\text{Area of roll coverage}} = \frac{288 \text{ m}^2}{67 \text{ m}^2} = 4.3 \text{ (round up to 5 rolls)}$$

OPERATING SPECIFICATIONS

- Operating range: 1.0 to 3.5 bar; 100 to 350 kPa
- Minimum filtration: 120 mesh; 125 microns
- Air relief recommended for sloping conditions greater than 1.5 m
- Recommended installation depth: turf (10–15 cm); other (10–30 cm)
- May use in conjunction with the Eco-Wrap System
- Warranty period: 5 years

Eco-Mat Installed



ECO-MAT

Model	Description
ECO-MAT-16	PLD (16 mm) fleece drip mat, 100 m roll
ECO-MAT-17	HDL (17 mm) fleece drip mat, 90 m roll

Compatible with:



Soil-Clik



Eco-Indicator

