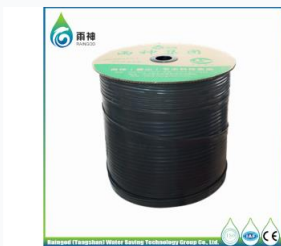


Single Blade Labyrinth Drip Irrigation Tape

This labyrinth drip irrigation tape uses plastic pipe to deliver water to plant roots through small drip holes. Water slowly drips into the soil near the root of the crop for local irrigation.



ADDITIONAL IMAGES



Overview



High-quality polyethylene drip tape designed for uniform water distribution.

Efficient Labyrinth Drip Irrigation

The Single Blade Labyrinth Drip Irrigation Tape is a highly efficient water-saving solution designed for arid regions, achieving a water utilization rate of up to 95%. It features a precision-engineered labyrinth runner that ensures uniform and slow water delivery directly to the crop roots, minimizing waste. This versatile tubing is suitable for greenhouse vegetables, ornamental fruits, and large-scale field crops, offering a cost-effective method for integrated water and fertilizer management.

Key Performance Metrics

Performance Highlights

95 %

Water Utilization

1 bar

Working Pressure

80 m

Max Paving Length

Technical Specifications



Complex internal flow path regulates water emission along the entire length.

Technical Parameters

Parameter	Range/Value
Available Diameters	12mm, 16mm (common), 20mm
Wall Thickness	0.18mm - 0.22mm
Flow Rate	1 - 6 L/H
Outlet Spacing	100mm, 150mm, 200mm, 250mm, 300mm
Roll Length	2000 Meters

Design Features



The labyrinth design ensures consistent flow rates and minimizes clogging.



Precision-engineered emitters for reliable performance in various environments.

Product Features

- Single-blade labyrinth runner for turbulent flow and high anti-blocking performance
- Thin wall construction with integrated dripping holes finished in one process
- Excellent tensile properties suitable for mechanical paving
- Lightweight design for easy handling and operation
- High-quality polyethylene material with UV and corrosion resistance
- Flexible adjustment of head spacing to meet specific crop needs

Applications



Ideal for row crops, providing targeted irrigation directly to the root zone.

Suitable Applications

Greenhouse Irrigation, Vegetable Crops, Orchards, Vineyards, Field Crops, Arid Region Irrigation

Certifications & Compliance

Compliance

CE • IAF

Commercial Terms

Ordering Information

Requirement	Details
Minimum Order Quantity (MOQ)	10,000 meters
Standard Delivery Lead Time	5 working days