

# LABYRINTH STAKE ELBOW

A Perfect Solution for Pot and Nursery Bag Irrigation



## Feature & Benefits



### Stake with Inbuilt Emitter

Turbulent flow path with stake for correct and stable positioning of the dripper.



### Easy to Install Angular Shaped Stake

Prevents tube snap-off and reduces stresses on the tubing.



### No Environmental and Chemical Effects

UV stabilised does not have any environmental effects. Resistant to chemicals used in agriculture.



### Uniform Dispersion of Water

Drop split knife helps for water dispersion to cover maximum root zone area.



### Special Provision of Inspection Window

Facilitates visual observation of falling droplets.



### Multipurpose Utility

Can be used as an independent dripper or with online emitter to divide the flow uniformly.



More Crop Per Drop®

# Labyrinth Stake Elbow

## Additional Features

- **Precise injection moulded flow path** : Provides uniform distribution of water when used with the dripper and multioutlet connectors in pot/bag irrigation.

## Applications

- Suitable for pot irrigation, nurseries, glass/green houses, vegetables, home gardens.

## Specifications

Performance Chart - Labyrinth stake elbow when used independently,

Pressure, kg/cm <sup>2</sup>	0.5	1.0	1.5	2.0
Discharge, lph	1.5	2.1	2.5	3.0

- Recommended extension tube : 3 mm ID (5mm OD) vinyl tube.

## Operating Specifications

### When working with multiple outlets

- Minimum recommended working pressure: 1 kg/cm<sup>2</sup>.
- Minimum recommended flow per outlet:
  - Flat surface and uniform tube length - 0.5 l/h
  - On a slope or uneven elevation - 1.0 l/h
- When used with dripper and multi-outlet connector, ensure that level difference between the pots/bags shall not be more than 5cm.
- Filtration recommendation 130 micron or less. Actual quality of filtration can be decided by quality of source water.
- Please refer to our "Maintenance Manual" for further details.

## Recommended Combinations

Number of outlets	Nominal discharge, lph					
	1 to 2	2 to 3	3 to 4	4 to 5	5 to 8	8 to 12
2					-	-
3	-				-	-
4	-	-				-
5	-	-				-
6	-	-				
	Only on flat surface and with uniform tube length.					
	For All conditions, including slopes and uneven elevations.					

## Dripper Labyrinth Stake Assembly



Single Way Assembly.  
Standard tube length  
30/60/75 cm



Single Way  
Connector



6mm Poly  
Takeoff



Two Way Assembly. Standard  
tube length 30/40/90 cm



Two Way Connector



Four Way and multistack  
connector



Four Way  
Connector



Four Way  
Multi level  
Connector



**Drop Guide Stake**  
Available on demand

## Ordering Specifications

Code	Discharge (lph)
802830J	1 kg/cm <sup>2</sup>

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